

# MILESTONES

Accreditation Council for Graduate Medical Education

NATIONAL REPORT



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## EXECUTIVE SUMMARY

Since 2013, the Milestones have allowed for continuous tracking of skill and competence development of resident and fellow physicians throughout their graduate medical education (GME) program(s). This report is a snapshot of Milestones ratings for the end of the July 1, 2021 through June 30, 2022 academic year. The COVID-19 pandemic continued to be disruptive to the GME community for a second full academic year. The magnitude and nature of the disruptions varied by specialty and region. The data reported in this 2022 report should be interpreted in the context of that disruption.

## **General Summary of Findings**

- 1) Across all specialties, the number of subcompetencies assessed is provided.
- 2) Across all specialties, box plots show the mean and median of Milestones ratings, as well as the variance, in general attainment across years.
- 3) Overall rates of straight-lining (which may be an indicator of bias or difficulty interpreting specific milestones within a local context), do not appear to have been significantly affected as many specialties have transitioned to Milestones 2.0.

The ACGME website includes many resources to help understand the purpose and effective use of the Milestones and Milestones ratings. These include the *Milestones Guidebook*, the *Milestones Guidebook* for Residents and Fellows, and Milestones FAQs, as well as the *Assessment Guidebook*, the *Implementation Guidebook*, and the *Clinical Competency Committee Guidebook*, all accessible on the **Resources page** of the Milestones section of the ACGME website.

#### Intended Audience

The intended audience for this report includes program directors and members of programs' Clinical Competency Committees (CCCs); leaders within specialty societies who oversee the development of national curricula; members of the ACGME Review Committees that oversee accreditation of individual programs; and the residents, fellows, and faculty members in these programs. Other stakeholders who may benefit from this report include specialty boards, designated institutional officials (DIOs), policymakers, and the public.

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## A Note on Specialty and Subspecialty Names

In this report, specialty and subspecialty names align with the way they appear in the specialty-specific Program Requirements and in the Milestones documents; these names may differ from how they appear in the Accreditation Data System and ACGME Data Resource Book.

## BACKGROUND

The Milestones are intended to be used as a professional development tool to better prepare physicians for a changing health care system by emphasizing a focus on the competencies required of residents and fellows and ensuring they match societal, and patients' needs in a variety of critical ways (Batalden et al. 2002; Ericsson 2007; Hodges 2010; Institute of Medicine 2014; Nasca, Philibert, Brigham, and Flynn 2012).

The Milestones allow for continuous monitoring and quality improvement for GME. Individual programs can focus on making improvements in both curricula and assessments that align with the specific competencies outlined by the Milestones, up to the point of graduation. This will help to ensure that graduates from these programs meet the expected standards of the profession and the goal of unsupervised practice.

## Milestones Intended Purpose

Tracking of Milestones data is part of the ACGME's commitment to meeting the responsibility of professional self-regulation, and the expectations for quality and safety from its primary stakeholder: the public (Institute of Medicine 2014; Nasca 2015; Nasca, Philibert, Brigham, and Flynn 2012). The primary purpose of this report is to provide the Milestones data as feedback to help individual GME programs, institutions, and national organizations involved in GME to improve curriculum and assessment practices. The collection of individual residents' and fellows' Milestones data will only be used in aggregate form by the ACGME for quality improvement purposes. The ACGME will continue to collaborate with the American Board of Medical Specialties (ABMS), the American Osteopathic Association (AOA), and the various specialty boards toward ensuring high-quality graduates and maintenance of the public trust.

### Using Milestones Data to Provide Useful Feedback to Programs

The ACGME's accreditation model is built on a continuous quality improvement (CQI) framework. The collection, sharing, and interpretation of Milestones data allows for refinement of policies and accreditation standards for effective education and training. These data provide an empirical basis for working with specialty groups and programs that may require guidance to meet the expectations set out in the ACGME's accreditation model and the Institute for Healthcare Improvement's Quadruple Aim (Bodenheimer and Sinsky 2014). In essence, the GME community must work together to ensure residents and fellows are ready for unsupervised practice following graduation, and the Milestones can provide detailed guidance for achieving this goal.

## **Development of the Milestones**

Individual milestones were developed based on subcompetencies within each specialty (Sullivan, Simpson, Cooney, and Beresin 2013). The creation of these detailed developmental markers of progression involved members of the ACGME Review Committees, representatives from the certification boards, program directors, residents and fellows, and representatives from specialty societies. More recently, the Milestones 2.0 Work Groups have included public members. The Milestones were written to cover the six Core Competencies with educational program periods that range from single-year fellowships to residency programs lasting seven years. The Milestones are grounded in important educational developmental theory and research (Batalden et al. 2002; Ericsson 2007; Hodges 2010; McGaghie, Barsuk, and Wayne 2017; Pusic, Boutis, Hatala, and Cook 2015).

To make sense of such a large and complex dataset, program directors and specialty societies are encouraged to assist in interpreting these data, given the rich contextual knowledge offered by these stakeholders. Program directors can assist by considering alternative explanations for the observed patterns presented here, and share this with the wider community, including other program directors within their specialty and the ACGME Milestones team, to ensure the data are interpreted properly, and ultimately fulfill their potential to improve GME.

## HOW TO USE THESE FINDINGS

As can be seen in the data, there is a wide range of attainment across milestones. This variance is likely due to differences in curriculum and/or assessment practices. This should be viewed as welcome news, as it is a signal the Milestones data are providing useful information to drive CQI in GME. Since the launch of the Milestones initiative in 2013, numerous validity studies have been performed to understand the strengths and weaknesses while informing ongoing improvements (Milestones Bibliography, 2021). Multiple research studies informed the creation of Milestones 2.0 for every specialty. Twenty specialties had implemented Milestones 2.0 in the 2021-2022 academic year, and an additional 18 began using Milestones 2.0 in July 2022. The data in this 2022 report reflect the version of the Milestones used by each specialty during the 2021-2022 academic year.

The table below provides some specific purposes and functions of the Milestones organized by stakeholder groups.

## Table 1 - Purpose and Function of Milestones

CONSTITUENCY OR STAKEHOLDER	PURPOSE/FUNCTION
Residents and Fellows	Provide a descriptive, developmental roadmap for education and training within a specialty
	Increase transparency of performance requirements
	Encourage informed self-directed assessment and self-directed learning
	Facilitate better feedback
	Facilitate development of individualized learning plans by residents and fellows
Residency and Fellowship Programs	Guide curriculum and assessment tool development and improvements
	Provide meaningful framework for the CCC (e.g., help create shared mental model)
	Provide more explicit expectations of residents and fellows
	Enhance opportunity for early identification of struggling learners
	Early identification of advanced learners and the need to continuously challenge them
ACGME and the Public	Accountability – report at an aggregated national level on competency outcomes
	Build community for evaluation and research, with focus on CQI
Certification Boards	Enable ongoing research to improve certification processes

## **METHODS**

Every six months, the ACGME receives more than 3.6 million Milestones ratings of more than 150,000 learners from residency and fellowship programs in more than 150 specialties and subspecialties across the US. The box plots reported in the following pages summarize these data.

## OVERARCHING THEMES

Examining the dataset in terms of gradual progression of competence shows that during the 2021-2022 academic year:

- 1) Generally, across all specialties and all programs, learners show progressive attainment of milestones across time in their program;
- 2) Not residents/fellows reach Level 4, which is an educational goal and *not* a requirement or mandate, by the time of graduation; and,
- 3) Each specialty shows variation in attainment of the specific Milestones.

Research to date suggests the following possible reasons for these findings:

- 1) Meaningful differences in actual performance;
- 2) Differences in the complexity of the Milestones competency language as written for a particular specialty;
- 3) Differences in clinical exposure in specific competencies of some residents/fellows in some programs;
- 4) Variation in scoring by individual raters and CCCs;
- 5) Differences in the quality of assessment methods;
- 6) Differences in the types of assessment methods used to show attainment of a particular milestone;
- 7) Differences in the combinations of assessment tools used in a program of assessment; and,
- 8) Differences in CCC processes and approaches for determining milestone attainment.

Of course, many other factors may be at play, and these are the subject of ongoing research. The data should only be reported in the context of interpretive statements and assumptions relevant to the particular stakeholder group, (i.e., DIOs, program directors, residents/fellows, the public). It is important to remember that the Milestones are designed for use as formative assessments to be used in the spirit of CQI, and that Level 4 is an educational goal and *not* a requirement or mandate. To fully interpret and understand the results of Milestones analyses and validity studies, there must also be full awareness of the consequences, with appropriate diligence in providing context for proper interpretation of any rating result (Hubley and Zumbo 2011).

### **Straight-Lining Ratings**

Straight-lining ratings are defined as a string of identical Milestones ratings for an individual learner across all subcompetencies. In the original vision of the ACGME's current accreditation model (a.k.a. "the Next Accreditation System"), it was assumed that performance across subcompetencies would vary due to contextual factors, curricular design, and variability among learner abilities, according to the content of each subcompetency. For example, a learner would not necessarily be expected to have exactly the same ratings for the milestones in patient care, interpersonal and communication skills, and systems-based practice during a given six-month period. Accurate detection of true variation in ratings would theoretically be useful for tailoring specific feedback to each learner.

It is theoretically possible that an individual learner could be assigned identical Milestone ratings across all subcompetencies (e.g., straight-lining for Milestones in Level 4 can be a valid rating pattern for the senior-most residents who, at the time of graduation, have truly achieved Level 4 in all subcompetencies). However, the data show several instances in which the rate of straight-lining is higher than would be expected, and these rates are presented in Table 4.

**Method:** The rate of straight-lining was calculated as follows: if any resident's or fellow's string of Milestone ratings was identical across all subcompetencies, the resident or fellow was assigned a value of "1;" otherwise, "0." The table provides the percentage of residents or fellows nationally who were assigned a value of "1" (meaning they had received the same rating for all their milestones).

Interpretation: Nationally, the ACGME is working to understand whether this straight-lining effect represents true lack of variation in competence, or if CCCs are simply providing similar ratings across subcompetencies for other reasons, such as a belief that the description of individual milestones for some subcompetencies does not fit with their local setting, or they are otherwise having difficulty obtaining valid and defensible ratings through lack of resources or attention to educational assessment within their programs. If a program notes high rates of straight-lining, it would be important for the program director and CCC to reflect on the causes and whether such a Milestones profile is an accurate assessment of the program's residents or fellows.

While some specialties have adopted the 2.0 version of their Milestones, this transition does not appear to have affected the overall rate of straight-lining. These issues continue to be the subject of ongoing qualitative studies with collaborators from various specialties.

## **FUTURE DIRECTIONS**

The Milestones data show interesting patterns of variation that require further research to understand their full implications. In the meantime, caution should be exercised in how these results are interpreted and communicated to various stakeholders.

#### Milestones 2.0

In response to the feedback received and research completed to date, the Milestones language has now been revised across most specialties to make it easier for program directors to understand and implement locally. Additionally, Milestones language was harmonized across specialties, especially for the competencies of Professionalism, Interpersonal and Communication Skills, Systems-based Practice, and Practice-based Learning and Improvement (Edgar, Roberts, and Holmboe 2018; Edgar et al. 2018). Most specialties have made the switch to Milestones 2.0 as of July 2022. With the start of the 2023-2024 academic year, a final group of 14 specialties will implement Milestones 2.0.

#### **Limitations**

While the interpretations and conclusions that can be drawn from the data presented in this report are based on a single point in time (June 2022), trends for stability in the data patterns for academic year-end since June 2014 have recently been examined for the earliest reporting specialties. Most of the Milestones data show signs of stability across this period, which lends greater confidence to the potential interpretations and conclusions that can be drawn from them.

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Table 2 – Number of Subcompetencies by Specialty

	Number of Subcompetencies							
Specialty/Subspecialty Name	Total	PC	мк	SBP	PBLI	PROF	ICS	
Allergy and Immunology	19	4	3	4	2	3	3	
Anesthesiology	23	10	2	3	2	3	3	
Adult Cardiothoracic Anesthesiology	15	2	4	3	2	3	1	
Critical Care Medicine (multidisciplinary)	16	5	2	3	2	3	1	
Obstetric Anesthesiology	15	4	2	3	2	3	1	
Pain Medicine (multidisciplinary)	24	6	3	4	4	4	3	
Pediatric Anesthesiology	14	3	2	3	2	3	1	
Regional Anesthesiology and Acute Pain Medicine	17	3	3	3	2	3	3	
Colon and Rectal Surgery	27	13	2	3	2	4	3	
Dermatology	21	8	2	3	2	3	3	
Dermatopathology (multidisciplinary)	12	2	2	2	2	2	2	
Micrographic Surgery and Dermatologic Oncology	14	4	2	2	2	2	2	
Emergency Medicine	22	8	2	4	2	3	3	
Emergency Medical Services	14	5	1	2	2	2	2	
Medical Toxicology (multidisciplinary)	14	3	3	2	2	2	2	
Pediatric Emergency Medicine (multidisciplinary)	23	11	1	2	1	5	3	
Sports Medicine (multidisciplinary)	14	3	3	2	2	2	2	
Undersea and Hyperbaric Medicine (multidisciplinary)	17	4	6	2	1	2	2	
Family Medicine	19	5	2	4	2	3	3	
Clinical Informatics (multidisciplinary)	20	6	2	3	2	5	2	
Geriatric Medicine (multidisciplinary)	22	6	2	4	2	4	4	
Hospice and Palliative Medicine (multidisciplinary)	20	4	3	4	2	3	4	
Sports Medicine (multidisciplinary)	14	3	3	2	2	2	2	
Internal Medicine	21	6	3	3	2	4	3	
Adult Congenital Heart Disease	24	6	3	4	4	4	3	
Advanced Heart Failure and Transplant Cardiology	21	5	5	3	2	3	3	
Cardiovascular Disease	17	4	2	3	2	3	3	
Clinical Cardiac Electrophysiology	24	9	4	3	2	3	3	
Clinical Informatics (multidisciplinary)	20	6	2	3	2	5	2	
Critical Care Medicine	19	4	2	4	2	3	4	
Endocrinology, Diabetes, and Metabolism	19	6	2	3	2	3	3	
Gastroenterology	17	4	2	3	2	3	3	
Gastroenterology (Dual Gastroenterology/Transplant Hepatology Pathway)	22	7	4	3	2	3	3	
Geriatric Medicine (multidisciplinary)	22	6	2	4	2	4	4	
Hematology and Medical Oncology	22	5	4	5	2	3	3	
Infectious Disease	23	3	6	5	2	4	3	
Interventional Cardiology	17	3	3	3	2	3	3	
Nephrology	22	7	3	4	2	3	3	
Medical Oncology	21	5	3	5	2	3	3	
Pulmonary Disease	19	4	2	4	2	3	4	
Pulmonary Disease and Critical Care Medicine	20	5	2	4	2	3	4	
Rheumatology	21	6	3	3	2	4	3	

Table 2 – Number of Subcompetencies by Specialty

	Number of Subcompetencies								
Specialty/Subspecialty Name	Total	PC	MK	SBP	PBLI	PROF	ICS		
Sleep Medicine (multidisciplinary)	18	4	2	3	2	3	4		
Transplant Hepatology	16	3	2	3	2	3	3		
Medical Genetics and Genomics	17	3	3	3	2	3	3		
Clinical Biochemical Genetics	19	4	2	5	2	3	3		
Laboratory Genetics and Genomics	19	4	2	5	2	3	3		
Medical Biochemical Genetics	16	3	3	3	2	3	2		
Molecular Genetic Pathology (multidisciplinary)	22	3	4	6	3	3	3		
Neurological Surgery	20	8	2	3	3	2	2		
Neurology	27	12	2	4	2	3	4		
Clinical Neurophysiology	21	7	6	2	2	2	2		
Epilepsy	18	6	3	3	2	2	2		
Neurodevelopmental Disabilities	32	10	5	6	2	5	4		
Neuromuscular Medicine (multidisciplinary)	21	9	4	2	2	2	2		
Vascular Neurology	25	5	7	4	2	3	4		
Child Neurology	26	10	4	3	2	3	4		
Nuclear Medicine	19	5	7	2	2	1	2		
Obstetrics and Gynecology	28	11	7	2	2	3	3		
Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary)	23	7	8	3	2	1	2		
Gynecologic Oncology	20	5	7	2	2	2	2		
Maternal-Fetal Medicine	18	4	5	2	3	2	2		
Reproductive Endocrinology and Infertility	15	3	3	2	3	2	2		
Ophthalmology	20	6	3	3	2	3	3		
Orthopaedic Surgery	20	7	2	3	2	3	3		
Adult Reconstructive Orthopaedic Surgery	23	7	7	3	2	2	2		
Foot and Ankle Orthopaedic Surgery	24	8	8	3	1	2	2		
Hand Surgery (multidisciplinary)	18	7	7	1	1	1	1		
Musculoskeletal Oncology	19	5	5	3	2	2	2		
Orthopaedic Sports Medicine	14	3	3	2	2	2	2		
Orthopaedic Surgery Of The Spine	15	4	4	1	2	2	2		
Orthopaedic Trauma	18	5	5	2	2	2	2		
Pediatric Orthopaedic Surgery	21	6	6	3	2	2	2		
Osteopathic Neuromusculoskeletal Medicine	15	4	2	2	2	3	2		
Otolaryngology - Head and Neck Surgery	17	8	4	2	1	1	1		
Neurotology	13	3	2	2	2	2	2		
Pediatric Otolaryngology	13	3	2	2	2	2	2		
Pathology (Anatomic and Clinical)	21	6	2	5	2	3	3		
Blood Banking/Transfusion Medicine	23	4	6	5	2	3	3		
Clinical Informatics (multidisciplinary)	20	6	2	3	2	5	2		
Cytopathology	21	6	2	5	2	3	3		
Forensic Pathology	19	2	3	5	2	3	4		
Hematopathology	23	4	6	5	2	3	3		
Medical Microbiology	21	3	4	6	2	3	3		

Table 2 – Number of Subcompetencies by Specialty

		Number of Subcompetencies								
Specialty/Subspecialty Name	Total	РС	MK	SBP	PBLI	PROF	ICS			
Neuropathology	20	4	3	5	2	3	3			
Pediatric Pathology	19	4	2	5	2	3	3			
Selective Pathology (Focused Anatomic)	19	4	2	5	2	3	3			
Selective Pathology (Surgical)	19	4	2	5	2	3	3			
Pediatrics	22	5	2	6	2	4	3			
Adolescent Medicine	21	4	1	5	4	4	3			
Child Abuse Pediatrics	21	4	1	5	4	4	3			
Clinical Informatics (multidisciplinary)	20	6	2	3	2	5	2			
Developmental-Behavioral Pediatrics	21	4	1	5	4	4	3			
Neonatal-Perinatal Medicine	21	4	1	5	4	4	3			
Pediatric Cardiology	21	4	1	5	4	4	3			
Pediatric Critical Care Medicine	21	4	1	5	4	4	3			
Pediatric Emergency Medicine (multidisciplinary)	23	11	1	2	1	5	3			
Pediatric Endocrinology	21	4	1	5	4	4	3			
Pediatric Gastroenterology	21	4	1	5	4	4	3			
Pediatric Hematology/Oncology	21	4	1	5	4	4	3			
Pediatric Hospital Medicine	21	4	1	5	4	4	3			
Pediatric Infectious Diseases	21	4	1	5	4	4	3			
Pediatric Nephrology	21	4	1	5	4	4	3			
Pediatric Pulmonology	21	4	1	5	4	4	3			
Pediatric Rheumatology	21	4	1	5	4	4	3			
Pediatric Transplant Hepatology	21	4	1	5	4	4	3			
Sports Medicine (multidisciplinary)	14	3	3	2	2	2	2			
Physical Medicine and Rehabilitation	24	8	2	4	2	5	3			
Brain Injury Medicine (multidisciplinary)	23	6	3	4	2	5	3			
Pediatric Rehabilitation Medicine	24	8	2	4	2	5	3			
Spinal Cord Injury Medicine	23	5	3	4	2	5	4			
Sports Medicine (multidisciplinary)	14	3	3	2	2	2	2			
Plastic Surgery - Independent	36	14	14	3	2	2	1			
Plastic Surgery - Integrated	36	14	14	3	2	2	1			
Hand Surgery (multidisciplinary)	18	7	7	1	1	1	1			
Preventive Medicine (Aerospace Medicine)	20	6	2	4	2	3	3			
Preventive Medicine (Occupational Medicine)	21	6	3	4	2	3	3			
Preventive Medicine (Public Health and General Preventive Medicine)	23	12	3	3	1	2	2			
Psychiatry	21	6	4	3	2	3	3			
Addiction Medicine (multidisciplinary)	16	2	3	3	2	3	3			
Addiction Psychiatry	16	3	3	4	2	2	2			
Child and Adolescent Psychiatry	21	5	6	4	2	2	2			
Forensic Psychiatry	13	2	2	3	2	2	2			
Geriatric Psychiatry	16	3	3	4	2	2	2			
Consultation-Liaison Psychiatry	15	2	3	4	2	2	2			
Radiation Oncology	22	11	2	3	2	2	2			
Diagnostic Radiology	24	4	4	8	2	3	3			

Table 2 – Number of Subcompetencies by Specialty

	Number of Subcompetencies								
Specialty/Subspecialty Name	Total	РС	мк	SBP	PBLI	PROF	ICS		
Abdominal Radiology	13	3	2	2	2	2	2		
Musculoskeletal Radiology	22	3	3	8	2	3	3		
Neuroradiology	21	4	2	7	2	3	3		
Nuclear Radiology	20	3	3	6	2	3	3		
Pediatric Radiology	14	3	3	2	2	1	3		
Interventional Radiology - Independent	24	5	3	7	2	4	3		
Interventional Radiology - Integrated	31	6	6	10	2	4	3		
Surgery	18	4	2	3	2	4	3		
Complex General Surgical Oncology	23	7	4	3	3	3	3		
Pediatric Surgery	22	9	2	3	2	4	2		
Surgical Critical Care	25	10	3	4	2	3	3		
Vascular Surgery - Independent	28	8	5	6	2	4	3		
Vascular Surgery - Integrated	28	8	5	6	2	4	3		
Thoracic Surgery - Independent	23	8	3	3	2	4	3		
Congenital Cardiac Surgery	9	2	3	1	1	1	1		
Thoracic Surgery - Integrated	24	9	3	3	2	4	3		
Urology	20	6	2	3	2	3	4		
Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary)	23	7	8	3	2	1	2		
Pediatric Urology	21	6	3	3	2	3	4		
Transitional Year	19	6	2	3	2	3	3		
Internal Medicine - Pediatrics	43	11	5	9	4	8	6		

### Note:

PC - Patient Care and Procedural Skills PBLI - Practice-Based Learning and Improvement

MK - Medical Knowledge PROF - Professionalism

SBP - Systems-Based Practice ICS - Interpersonal and Communication Skills

Table 3 – Number of Residents/Fellows by Year in Program

				Reside	nt Year			
Specialty/Subspecialty Name	Total	1	2	3	4	5	6	7
Allergy and Immunology	323	158	165					
Anesthesiology	7,103	1,461	1,938	1,889	1,815			
Adult Cardiothoracic Anesthesiology	244	244						
Critical Care Medicine (multidisciplinary)	208	208						
Obstetric Anesthesiology	57	57						
Pain Medicine (multidisciplinary)	419	419						
Pediatric Anesthesiology	209	209						
Regional Anesthesiology and Acute Pain Medicine	89	89						
Colon and Rectal Surgery	108	108						
Dermatology	1,540	520	511	509				
Dermatopathology (multidisciplinary)	71	71						
Micrographic Surgery and Dermatologic Oncology	89	89						
Emergency Medicine (Three-Year Programs)	6,392	2,268	2,135	1,989				
Emergency Medicine (Four-Year Programs)	2,661	680	666	667	648			
Emergency Medical Services	107	107						
Medical Toxicology (multidisciplinary)	81	38	43					
Pediatric Emergency Medicine (multidisciplinary)	140	58	45	37				
Sports Medicine (multidisciplinary)	18	18						
Undersea and Hyperbaric Medicine (multidisciplinary)	13	13						
Family Medicine	14,345	4,962	4,810	4,573				
Clinical Informatics (multidisciplinary)	19	11	8					
Geriatric Medicine (multidisciplinary)	50	50						
Hospice and Palliative Medicine (multidisciplinary)	459	459						
Sports Medicine (multidisciplinary)	284	284						
Internal Medicine	31,048	12,090	9,722	9,236				
Adult Congenital Heart Disease	34	17	17					
Advanced Heart Failure and Transplant Cardiology	103	103						
Cardiovascular Disease	3,322	1,149	1,101	1,072				
Clinical Cardiac Electrophysiology	309	174	135					
Clinical Informatics (multidisciplinary)	50	31	19					
Critical Care Medicine	322	186	136					
Endocrinology, Diabetes, and Metabolism	702	372	330					
Gastroenterology	1,893	662	631	600				
Gastroenterology (Gastroenterology/Transplant Hepatology Pathway)	20	1	8	11				
Geriatric Medicine (multidisciplinary)	298	298						
Hematology and Medical Oncology	1,976	689	681	606				
Infectious Disease	803	427	376					
Interventional Cardiology	359	359						
Nephrology	868	449	419					
Medical Oncology	34	18	16					
Pulmonary Disease	68	34	34					

Table 3 – Number of Residents/Fellows by Year in Program

	Resident Year									
Specialty/Subspecialty Name	Total	1	2	3	4	5	6	7		
Pulmonary Disease and Critical Care Medicine	2,177	796	714	667						
Rheumatology	535	269	266							
Sleep Medicine (multidisciplinary)	205	205								
Transplant Hepatology	48	48								
Medical Genetics and Genomics	73	41	32							
Clinical Biochemical Genetics	13	8	5							
Laboratory Genetics and Genomics	66	31	35							
Medical Biochemical Genetics	17	17								
Molecular Genetic Pathology (multidisciplinary)	59	59								
Neurological Surgery	1,582	237	239	232	212	218	222	222		
Neurology	3,385	659	965	911	850					
Clinical Neurophysiology	154	154								
Epilepsy	158	158								
Neurodevelopmental Disabilities	27	7	8	7	5					
Neuromuscular Medicine (multidisciplinary)	73	73								
Vascular Neurology	154	154								
Child Neurology	464	174	148	142						
Nuclear Medicine	76	38	20	18						
Obstetrics and Gynecology	5,888	1,528	1,496	1,441	1,423					
Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary)	152	53	48	51						
Gynecologic Oncology	229	81	75	73						
Maternal-Fetal Medicine	403	142	130	131						
Reproductive Endocrinology and Infertility	172	61	55	56						
Ophthalmology	1,693	171	519	507	496					
Orthopaedic Surgery	4,470	909	905	889	891	876				
Adult Reconstructive Orthopaedic Surgery	53	53								
Foot and Ankle Orthopaedic Surgery	16	16								
Hand Surgery (multidisciplinary)	156	156								
Musculoskeletal Oncology	16	16								
Orthopaedic Sports Medicine	216	216								
Orthopaedic Surgery Of The Spine	25	25								
Orthopaedic Trauma	20	20								
Pediatric Orthopaedic Surgery	35	35								
Osteopathic Neuromusculoskeletal Medicine	83	16	22	45						
Otolaryngology - Head and Neck Surgery	1,764	362	367	349	342	344				
Neurotology	37	20	17							
Pediatric Otolaryngology	42	42								
Pathology (Anatomic and Clinical)	2,347	628	611	594	514					
Blood Banking/Transfusion Medicine	45	45								
Clinical Informatics (multidisciplinary)	21	13	8							
Cytopathology	124	124								
Forensic Pathology	59	59								

Table 3 – Number of Residents/Fellows by Year in Program

	Resident Year									
Specialty/Subspecialty Name	Total	1	2	3	4	5	6	7		
Hematopathology	128	128								
Medical Microbiology	12	12								
Neuropathology	53	31	22							
Pediatric Pathology	22	22								
Selective Pathology (Focused Anatomic)	104	104								
Selective Pathology (Surgical)	82	82								
Pediatrics	9,510	3,286	3,209	3,015						
Adolescent Medicine	93	28	32	33						
Child Abuse Pediatrics	50	22	14	14						
Clinical Informatics (multidisciplinary)	29	15	14							
Developmental-Behavioral Pediatrics	113	46	30	37						
Neonatal-Perinatal Medicine	803	299	252	252						
Pediatric Cardiology	483	165	161	157						
Pediatric Critical Care Medicine	596	210	202	184						
Pediatric Emergency Medicine (multidisciplinary)	446	154	150	142						
Pediatric Endocrinology	234	85	86	63						
Pediatric Gastroenterology	332	112	110	110						
Pediatric Hematology/Oncology	487	167	158	162						
Pediatric Hospital Medicine	165	92	73							
Pediatric Infectious Diseases	184	60	68	56						
Pediatric Nephrology	134	62	42	30						
Pediatric Pulmonology	186	69	59	58						
Pediatric Rheumatology	103	41	36	26						
Pediatric Transplant Hepatology	16	16								
Sports Medicine (multidisciplinary)	28	28								
Physical Medicine and Rehabilitation	1,580	169	489	468	454					
Brain Injury Medicine (multidisciplinary)	26	26								
Spinal Cord Injury Medicine	23	23								
Pediatric Rehabilitation Medicine	31	20	11							
Sports Medicine (multidisciplinary)	40	40								
Plastic Surgery - Independent	203	68	66	69						
Plastic Surgery - Integrated	1,061	195	181	182	177	169	157			
Hand Surgery (multidisciplinary)	25	25								
Preventive Medicine (Aerospace Medicine)	48	24	24							
Preventive Medicine (Occupational Medicine)	114	66	48							
Preventive Medicine (Public Health and General Preventive Medicine)	175	98	77							
Psychiatry	7,370	2,064	2,022	1,910	1,374					
Addiction Medicine (multidisciplinary)	182	182								
Addiction Psychiatry	87	87								
Child and Adolescent Psychiatry	963	512	451							
Forensic Psychiatry	91	91								
Geriatric Psychiatry	59	59								

Table 3 – Number of Residents/Fellows by Year in Program

		Resident Year								
Specialty/Subspecialty Name	Total	1	2	3	4	5	6	7		
Consultation-Liaison Psychiatry	93	93								
Radiation Oncology	763	186	197	186	194					
Diagnostic Radiology	4,433	1,135	1,123	1,102	1,073					
Abdominal Radiology	52	52								
Musculoskeletal Radiology	39	39								
Neuroradiology	296	296								
Nuclear Radiology	14	14								
Pediatric Radiology	53	53								
Interventional Radiology - Independent	207	127	80							
Interventional Radiology - Integrated	650	148	153	132	133	84				
Surgery	9,333	2,860	1,832	1,631	1,533	1,477				
Complex General Surgical Oncology	124	62	62							
Pediatric Surgery	86	47	39							
Surgical Critical Care	337	337								
Vascular Surgery - Independent	267	138	129							
Vascular Surgery - Integrated	363	81	81	71	66	64				
Thoracic Surgery - Independent (Two-Year Programs)	151	78	73							
Thoracic Surgery - Independent (Three-Year Programs)	100	34	35	31						
Congenital Cardiac Surgery	13	13								
Thoracic Surgery - Integrated	231	47	41	43	36	32	32			
Urology	1,791	373	370	366	348	334				
Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary)	37	15	15	7						
Pediatric Urology	29	18	11							
Transitional Year	1,780	1,780								
Internal Medicine - Pediatrics	1,534	390	389	377	378					

Table 4 - Rate of Straight-Lining (June 2022)

Specialty/Subspecialty Name	Number of Subcomp	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7
Allergy and Immunology (323)	19	7.6%	13.3%					
Anesthesiology (7,103)	23	31.2%	23.6%	24.4%	30.9%			
Adult Cardiothoracic Anesthesiology (244)	15	29.5%						
Critical Care Medicine (multidisciplinary) (208)	16	15.9%						
Obstetric Anesthesiology (57)	15	12.3%						
Pain Medicine (multidisciplinary) (419)	24	29.3%						
Pediatric Anesthesiology (209)	14	20.1%						
Regional Anesthesiology and Acute Pain Medicine (89)	17	39.3%						
Colon and Rectal Surgery (108)	27	12.0%						
Dermatology (1,540)	21	13.6%	13.8%	18.9%				
Dermatopathology (multidisciplinary) (71)	12	18.3%						
Micrographic Surgery and Dermatologic Oncology (89)	14	22.5%						
Emergency Medicine (Three-Year Programs) (6,392)	22	12.7%	14.1%	23.2%				
Emergency Medicine (Four-Year Programs) (2,661)	22	12.6%	12.8%	14.4%	20.7%			
Emergency Medical Services (107)	14	6.5%						
Medical Toxicology (multidisciplinary) (81)	14	5.3%	11.9%					
Pediatric Emergency Medicine (multidisciplinary) (140)	23	0.0%	6.8%	11.4%				
Sports Medicine (multidisciplinary) (18)	14	11.8%						
Undersea and Hyperbaric Medicine (multidisciplinary) (13)	17	23.1%						
Family Medicine (14,345)	19	7.3%	6.9%	9.7%				
Clinical Informatics (multidisciplinary) (19)	20	0.0%	0.0%					
Geriatric Medicine (multidisciplinary) (50)	22	6.0%						
Hospice and Palliative Medicine (multidisciplinary) (459)	20	14.4%						
Sports Medicine (multidisciplinary) (284)	14	10.6%						
Internal Medicine (31,048)	21	15.2%	14.6%	23.9%				
Adult Congenital Heart Disease (34)	24	6.3%	13.3%					
Advanced Heart Failure and Transplant Cardiology (103)	21	14.6%						
Cardiovascular Disease (3,322)	17	19.1%	22.7%	32.1%				
Clinical Cardiac Electrophysiology (309)	24	13.9%	23.9%					
Clinical Informatics (multidisciplinary) (50)	20	0.0%	0.0%					
Critical Care Medicine (322)	19	8.6%	14.7%					
Endocrinology, Diabetes, and Metabolism (702)	19	4.6%	12.5%					
Gastroenterology (1,893)	17	10.9%	14.0%	29.5%				
Gastroenterology (Dual Gastroenterology/Transplant Hepatology Pathway) (20)	22	0.0%	12.5%	0.0%				
Geriatric Medicine (multidisciplinary) (298)	22	8.7%						
Hematology and Medical Oncology (1,976)	22	12.8%	14.4%	26.1%				
Infectious Disease (803)	23	5.2%	14.1%					

Table 4 - Rate of Straight-Lining (June 2022)

Specialty/Subspecialty Name	Number of Subcomp	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7
Interventional Cardiology (359)	17	33.7%						
Nephrology (868)	22	6.0%	16.0%					
Medical Oncology (34)	21	5.6%	25.0%					
Pulmonary Disease (68)	19	11.8%	17.6%					
Pulmonary Disease and Critical Care Medicine (2,177)	20	13.7%	15.0%	23.8%				
Rheumatology (535)	21	7.1%	15.6%					
Sleep Medicine (multidisciplinary) (205)	18	20.5%						
Transplant Hepatology (48)	16	22.9%						
Medical Genetics and Genomics (73)	17	7.3%	12.5%					
Clinical Biochemical Genetics (13)	19	0.0%	0.0%					
Laboratory Genetics and Genomics (66)	19	6.5%	2.9%					
Medical Biochemical Genetics (17)	16	17.6%						
Molecular Genetic Pathology (multidisciplinary) (59)	22	20.3%						
Neurological Surgery (1,582)	20	11.4%	7.1%	7.8%	8.1%	7.3%	9.0%	13.1%
Neurology (3,385)	27	6.7%	4.2%	6.0%	13.5%			
Clinical Neurophysiology (154)	21	2.0%						
Epilepsy (158)	18	13.3%						
Neurodevelopmental Disabilities (27)	32	0.0%	0.0%	0.0%	0.0%			
Neuromuscular Medicine (multidisciplinary) (73)	21	17.8%						
Vascular Neurology (154)	25	12.5%						
Child Neurology (464)	26	3.4%	5.4%	9.9%				
Nuclear Medicine (76)	19	14.3%	5.0%	16.7%				
Obstetrics and Gynecology (5,888)	28	5.0%	3.6%	4.5%	17.0%			
Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary) (152)	23	0.0%	0.0%	5.9%				
Gynecologic Oncology (229)	20	0.0%	0.0%	5.5%				
Maternal-Fetal Medicine (403)	18	0.0%	1.5%	6.1%				
Reproductive Endocrinology and Infertility (172)	15	6.7%	3.6%	7.1%				
Ophthalmology (Three-Year Programs) (946)	20		7.9%	13.8%	22.1%			
Ophthalmology (Four-Year Programs) (747)	20	21.5%	12.9%	18.0%	16.3%			
Orthopaedic Surgery (4,470)	20	18.2%	18.0%	20.5%	26.0%	32.3%		
Adult Reconstructive Orthopaedic Surgery (53)	23	13.5%						
Foot and Ankle Orthopaedic Surgery (16)	24	43.8%						
Hand Surgery (multidisciplinary) (156)	18	21.8%						
Musculoskeletal Oncology (16)	19	43.8%						
Orthopaedic Sports Medicine (216)	14	36.1%						
Orthopaedic Surgery Of The Spine (25)	15	24.0%						
Orthopaedic Trauma (20)	18	50.0%						
Pediatric Orthopaedic Surgery (35)	21	17.1%						
Osteopathic Neuromusculoskeletal Medicine (83)	15	0.0%	4.5%	13.3%				
Otolaryngology - Head and Neck Surgery (1,764)	17	12.4%	7.1%	6.0%	9.4%	14.2%		
Neurotology (37)	13	15.0%	17.6%					
Pediatric Otolaryngology (42)	13	9.8%						

Table 4 - Rate of Straight-Lining (June 2022)

Specialty/Subspecialty Name	Number of	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7
	Subcomp 21	9.7%	O E0/-	0.106	19.8%			
Pathology (Anatomic and Clinical) (2,347)  Blood Banking/Transfusion Medicine (45)	23	2.2%	9.5%	9.1%	19.6%			
		0.0%	0.0%					
Clinical Informatics (multidisciplinary) (21)	20		0.0%					
Cytopathology (124)	21	12.9%						
Forensic Pathology (59)	19	0.0%						
Hematopathology (128)	23	10.9%						
Medical Microbiology (12)	21	0.0%	10.00/					
Neuropathology (53)	20	3.2%	13.6%					
Pediatric Pathology (22)	19	18.2%						
Selective Pathology (Focused Anatomic) (104)	19	18.3%						
Selective Pathology (Surgical) (82)	19	16.9%						
Pediatrics (9,510)	22	4.5%	4.6%	7.3%				
Adolescent Medicine (93)	21	0.0%	0.0%	15.2%				
Child Abuse Pediatrics (50)	21	4.5%	7.1%	0.0%				
Clinical Informatics (multidisciplinary) (29)	20	13.3%	0.0%					
Developmental-Behavioral Pediatrics (113)	21	0.0%	3.3%	2.7%				
Neonatal-Perinatal Medicine (803)	21	3.0%	3.6%	6.0%				
Pediatric Cardiology (483)	21	3.6%	6.8%	8.9%				
Pediatric Critical Care Medicine (596)	21	2.9%	5.4%	11.4%				
Pediatric Emergency Medicine (multidisciplinary) (446)	23	3.2%	3.3%	4.9%				
Pediatric Endocrinology (234)	21	4.8%	7.1%	9.7%				
Pediatric Gastroenterology (332)	21	7.1%	9.1%	18.2%				
Pediatric Hematology/Oncology (487)	21	8.4%	5.7%	6.8%				
Pediatric Hospital Medicine (165)	21	0.0%	1.4%					
Pediatric Infectious Diseases (184)	21	3.3%	8.8%	3.6%				
Pediatric Nephrology (134)	21	3.2%	9.5%	10.0%				
Pediatric Pulmonology (186)	21	4.5%	3.6%	16.4%				
Pediatric Rheumatology (103)	21	4.9%	11.1%	15.4%				
Pediatric Transplant Hepatology (16)	21	0.0%						
Sports Medicine (multidisciplinary) (28)	14	10.7%						
Physical Medicine and Rehabilitation (1,580)	24	11.8%	6.8%	11.6%	24.9%			
Brain Injury Medicine (multidisciplinary) (26)	23	0.0%	0.0 70	111070	2 , ;			
Pediatric Rehabilitation Medicine (31)	24	0.0%	0.0%					
Spinal Cord Injury Medicine (23)	23	4.3%	0.070					
Sports Medicine (multidisciplinary) (40)	14	10.8%						
Plastic Surgery - Independent (203)	36	1.5%	6.1%	14.5%				
Plastic Surgery - Integrated (1,061)	36	11.3%	9.4%	8.2%	10.7%	14.8%	17.8%	
Hand Surgery (multidisciplinary) (25)		13.0%	J.4-70	0.2-70	10.770	14.070	17.570	
. ,	18		10 504					
Preventative Medicine (Aerospace Medicine) (48)	20	0.0%	12.5%					
Preventive Medicine (Occupational Medicine) (114)  Preventive Medicine (Public Health and General	21	1.0%	1.3%					
Preventive Medicine) (175) Psychiatry (7,370)	21	10.9%	11.1%	13.9%	16.2%			

Table 4 – Rate of Straight-Lining (June 2022)

Specialty/Subspecialty Name	Number of Subcomp	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7
Addiction Medicine (multidisciplinary) (182)	16	9.9%						
Addiction Psychiatry (87)	16	11.5%						
Child and Adolescent Psychiatry (963)	21	2.2%	7.8%					
Forensic Psychiatry (91)	13	11.0%						
Geriatric Psychiatry (59)	16	15.3%						
Consultation-Liaison Psychiatry (93)	15	17.2%						
Radiation Oncology (763)	22	6.5%	11.7%	9.7%	22.7%			
Diagnostic Radiology (4,433)	24	35.9%	29.4%	30.6%	39.1%			
Abdominal Radiology (52)	13	38.5%						
Musculoskeletal Radiology (39)	22	17.9%						
Neuroradiology (296)	21	16.2%						
Nuclear Radiology (14)	20	28.6%						
Pediatric Radiology (53)	14	30.8%						
Interventional Radiology - Independent (207)	24	27.6%	22.5%					
Interventional Radiology - Integrated (650)	31	26.4%	24.2%	25.0%	18.8%	22.6%		
Surgery (9,333)	18	23.4%	17.5%	16.9%	19.0%	26.4%		
Complex General Surgical Oncology (124)	23	9.7%	24.2%					
Pediatric Surgery (86)	22	6.4%	2.6%					
Surgical Critical Care (337)	25	13.1%						
Vascular Surgery - Independent (267)	28	5.8%	24.8%					
Vascular Surgery - Integrated (363)	28	19.8%	14.8%	15.5%	18.2%	37.5%		
Thoracic Surgery- Independent (Two-Year Programs) (151)	23	1.3%	19.2%					
Thoracic Surgery - Independent (Three-Year Programs) (100)	23	0.0%	2.9%	9.7%				
Congenital Cardiac Surgery (13)	9	8.3%						
Thoracic Surgery - Integrated (231)	24	14.9%	12.2%	7.0%	11.1%	3.1%	25.0%	
Urology (1,791)	20	16.9%	12.2%	9.6%	14.7%	24.6%		
Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary) (37)	23	6.7%	13.3%	0.0%				
Pediatric Urology (29)	21	5.6%	0.0%					
Transitional Year (1,780)	19	15.1%						

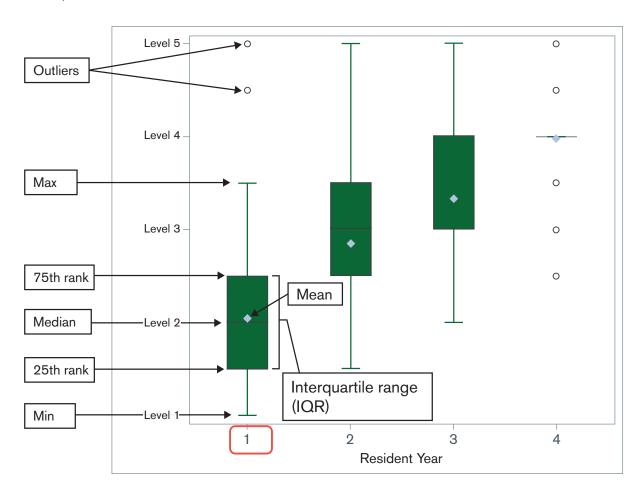
Note: The following specialties and subspecialties do not contain data and are not included within the data report due to being a newly designated program or containing an insufficient number of learners.

- Addiction Medicine (multidisciplinary, Internal Medicine)
- Brain Injury Medicine (multidisciplinary, Neurology)
- Clinical Informatics (multidisciplinary, Anesthesiology)
- Clinical Informatics (multidisciplinary, Emergency Medicine)
- Craniofacial Surgery
- Endovascular Surgical Neuroradiology (multidisciplinary, Neurological Surgery)
- Endovascular Surgical Neuroradiology (multidisciplinary, Neurology)

- Endovascular Surgical Neuroradiology (multidisciplinary, Radiology)
- Hand Surgery (multidisciplinary, Surgery)
- Hematology
- Medical Toxicology (multidisciplinary, Preventive Medicine)
- Neurocritical Care (multidisciplinary, Neurological Surgery)
- Neurocritical Care (multidisciplinary, Neurology)
- Neuromuscular Medicine (multidisciplinary, Physical Medicine and Rehabilitation)
- Ophthalmic Plastic and Reconstructive Surgery
- Pediatric Cardiothoracic Anesthesiology
- Selective Pathology (Clinical)
- Undersea and Hyperbaric Medicine (multidisciplinary, Preventive Medicine)

#### **FIGURE 1: KEY TO BOX PLOTS**

Box plots provide a rigorous and robust way to display complex data, such as for the Milestones. The components of the box plots used for the Milestones are shown below.



As seen in this diagram, the median Milestones level for each resident year is represented by the horizontal line, bounded by the 25th and 75th rank of Milestone ratings, also known as the interquartile range (IQR). The mean rating is represented by the diamond but should be interpreted with caution given the Milestones are ordinal, not interval data.

"Min" represents the lowest level and "Max" the highest level (the "whiskers"), excluding outliers (represented by the open circles). As would be expected, there is a general upward trajectory in this subcompetency from Year 1 (median Level 2) to Year 4 (median Level 4).

Most Milestone sets include five levels of development with transition zones between each level (designated as half increments, such as Level 2.5). In this example, the box plot for Resident Year 1 (highlighted by the red box) shows that the median is Level 2, and the IQR extends from Level 1.5 (25th percentile rank) to Level 2.5 (75th percentile rank).

With regards to Milestone levels within an individual residency year (i.e., post-graduate year or PGY), the levels can be sorted from least to greatest, and then graphed as shown in this box plot. In the example above, the highest 50 percent of the Resident Year 1 group were at or above Milestone Level 2; they are represented by everything above the median line. Fifty percent of the Year 1 residents fall between Level 1.5 and Level 2.5 (IQR). Those in the top 25 percent of Milestone judgments in the Year 1 group are shown by the top "whisker" (here labeled as "Max") and the outlier open circles.

The outliers represent those who were judged to be substantially higher (in this case we see two outlier circles) or were judged to be much lower than normal (in this example there are no low outliers). The number of people represented by the circles will vary by the sample size of that specialty.

Box plots provide information on more than just the four split groups. They also show which way the Milestone data can "sway." For example, if more residents/fellows are judged much higher than just a few residents/fellows being judged much lower, the median is going to be higher, or the top whisker could be longer than the bottom one. Box plots provide a better overview of the data's distribution nationally than simple means and standard deviations.

The box plots must be interpreted in the context of the Milestones descriptions for each subcompetency within each discipline. Provided below are links to each specialty's Milestones Sets to help guide review of the data.

### Specialty:

Allergy and Immunology Otolaryngology - Head and Neck Surgery

Anesthesiology Pathology

Colon and Rectal Surgery Pediatrics

Dermatology Physical Medicine and Rehabilitation

Emergency Medicine Plastic Surgery

Family Medicine Preventive Medicine

Internal Medicine specialties: Aerospace Medicine; Occupational and Environmental Medicine; and Public Health and General Preventive Medicine)

(Effective July 2022 Preventive Medicine became three distinct

Medical Genetics and Genomics

Neurological Surgery Psychiatry

Neurology Radiation Oncology

Nuclear Medicine Radiology

Obstetrics and Gynecology Surgery
Ophthalmology Thoracic Surgery

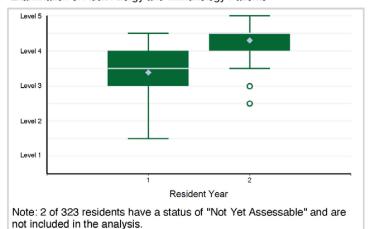
Ophthalmology Thoracic Surgery
Orthopaedic Surgery Transitional Year

Osteopathic Neuromusculoskeletal Medicine Urology

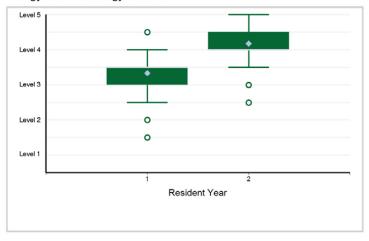
#### TABLE 5: SPECIALTY: Allergy and Immunology

Resident Year	1	2	Total Residents
# of Residents	158	165	323

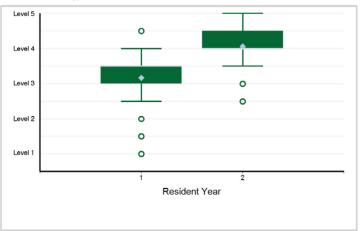
## 1. Patient Care - Patient Care 1: Medical Interview and Physical Examination of Adult Allergy and Immunology Patients



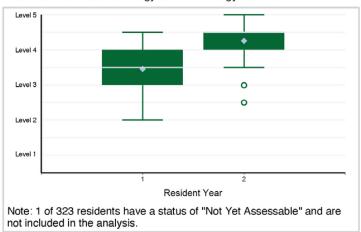
## 3. Patient Care - Patient Care 3: Diagnostic Tests and Procedures for Allergy and Immunology Patients



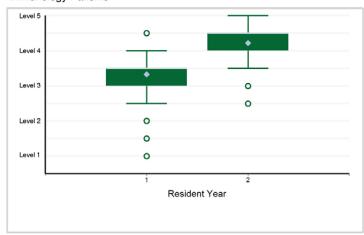
## 5. Medical Knowledge - Medical Knowledge 1: Basic Science of Allergy and Immunology



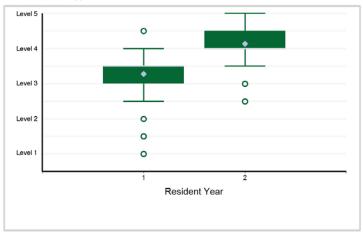
## 2. Patient Care - Patient Care 2: Medical Interview and Physical Examination of Pediatric Allergy and Immunology Patients



## 4. Patient Care - Patient Care 4: Management Plan for Allergy and Immunology Patients

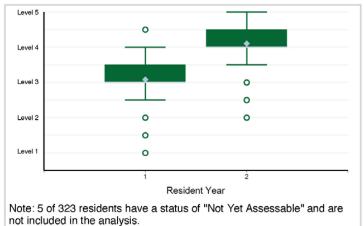


## 6. Medical Knowledge - Medical Knowledge 2: Clinical Science of Allergy and Immunology

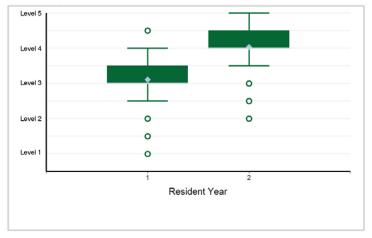


#### SPECIALTY: Allergy and Immunology

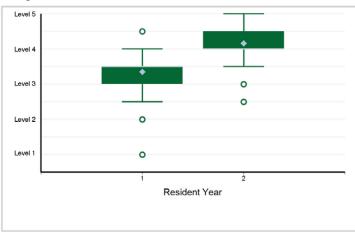
## 7. Medical Knowledge - Medical Knowledge 3: Research and Scholarly Activity



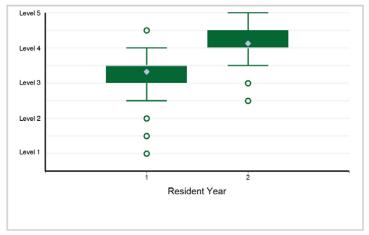
## 8. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



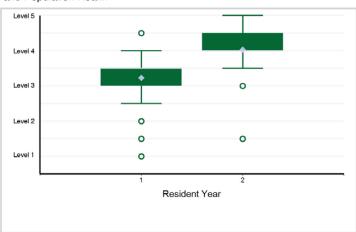
## 9. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



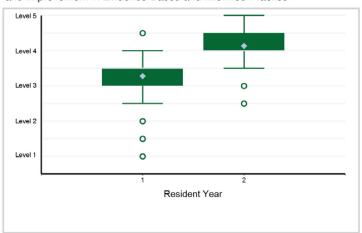
10. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



## 11. Systems-Based Practice - Systems-Based Practice 4: Community and Population Health

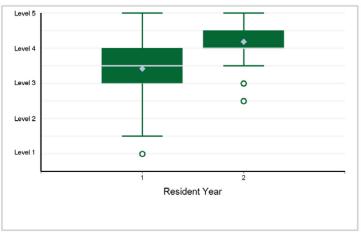


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice

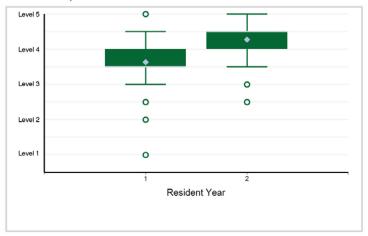


#### SPECIALTY: Allergy and Immunology

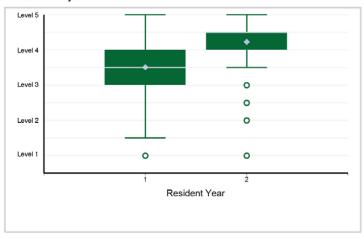
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



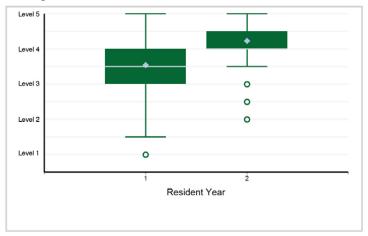
14. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



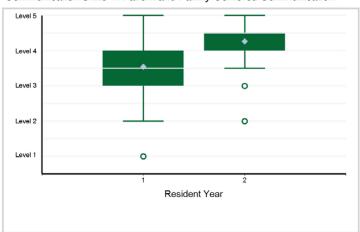
15. Professionalism - Professionalism 2: Accountability/Conscientiousness



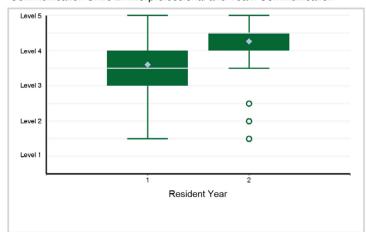
16. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient and Family-Centered Communication

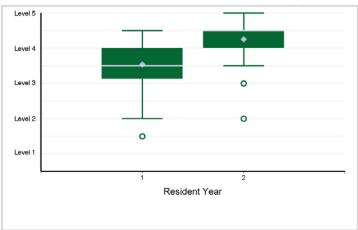


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



### SPECIALTY: Allergy and Immunology

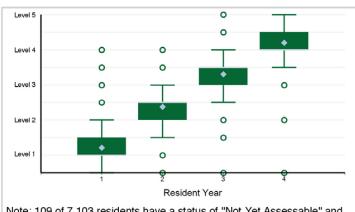
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



#### TABLE 6: SPECIALTY: Anesthesiology

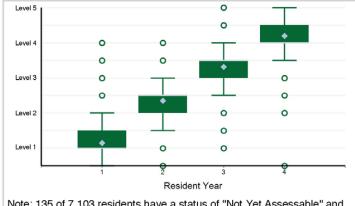
Resident Year	1	2	3	4	Total Residents
# of Residents	1,461	1,938	1,889	1,815	7,103

#### 1. Patient Care - Patient Care 1: Pre-Anesthetic Evaluation



Note: 109 of 7,103 residents have a status of "Not Yet Assessable" and are not included in the analysis.

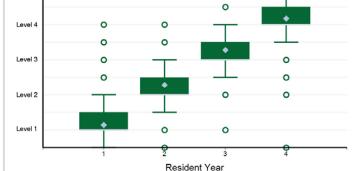
## 2. Patient Care - Patient Care 2: Peri-Operative Care and Management



Note: 135 of 7,103 residents have a status of "Not Yet Assessable" and are not included in the analysis.

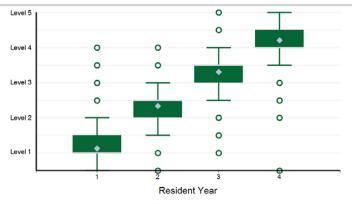
#### 3. Patient Care - Patient Care 3: Application and Interpretation of Monitors





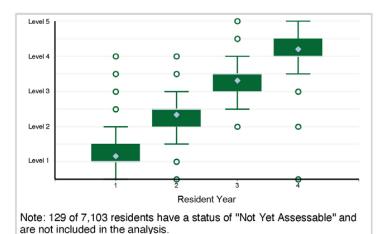
Note: 127 of 7,103 residents have a status of "Not Yet Assessable" and are not included in the analysis

4. Patient Care - Patient Care 4: Intra-Operative Care

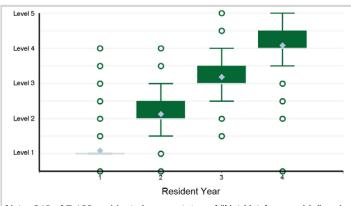


Note: 146 of 7,103 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 5. Patient Care - Patient Care 5: Airway Management



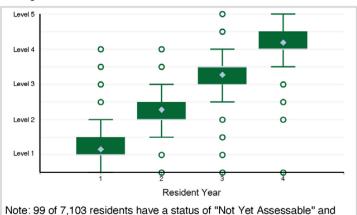
6. Patient Care - Patient Care 6: Point-of-Care Ultrasound



Note: 213 of 7,103 residents have a status of "Not Yet Assessable" and are not included in the analysis.

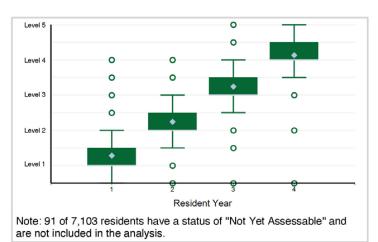
#### SPECIALTY: Anesthesiology

#### 7. Patient Care - Patient Care 7: Situational Awareness and Crisis Management

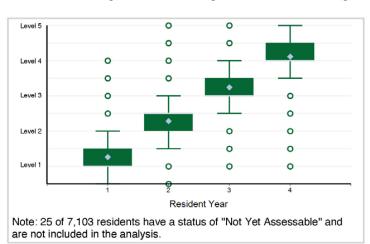


#### 9. Patient Care - Patient Care 9: Critical Care

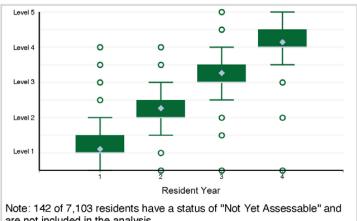
are not included in the analysis.



#### 11. Medical Knowledge - Medical Knowledge 1: Foundational Knowledge

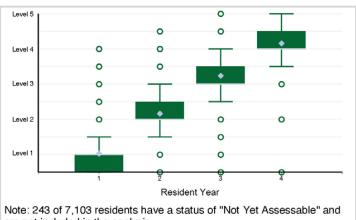


#### 8. Patient Care - Patient Care 8: Post-Operative Care



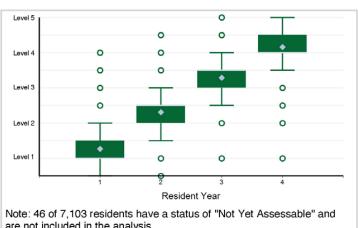
are not included in the analysis.

#### 10. Patient Care - Patient Care 10: Regional (Peripheral and Neuraxial) Anesthesia



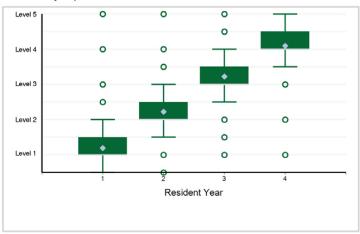
are not included in the analysis.

#### 12. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

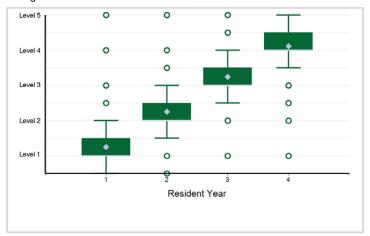


#### SPECIALTY: Anesthesiology

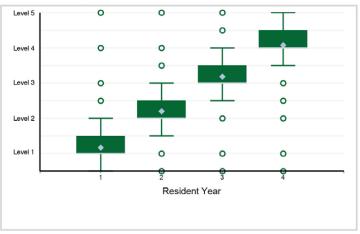
13. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



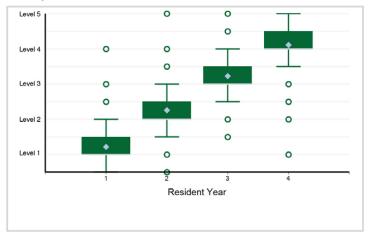
14. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



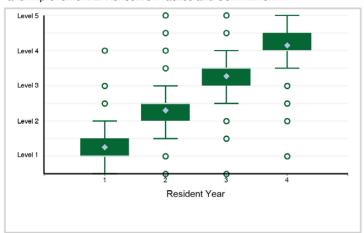
15. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



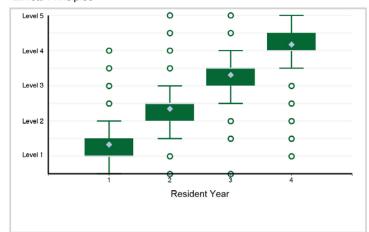
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



17. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

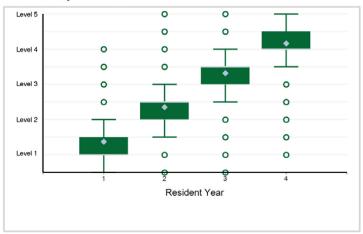


18. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

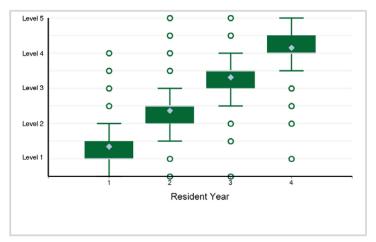


#### SPECIALTY: Anesthesiology

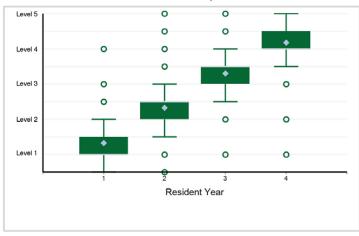
## 19. Professionalism - Professionalism 2: Accountability/Conscientiousness



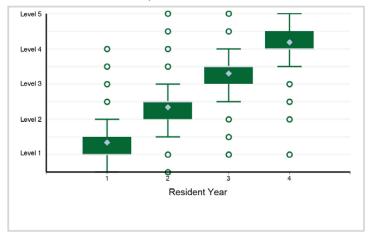
#### 20. Professionalism - Professionalism 3: Well-Being



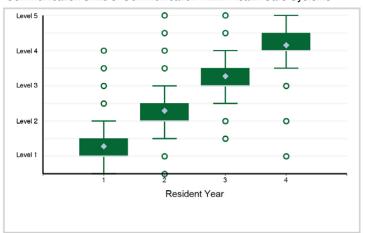
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



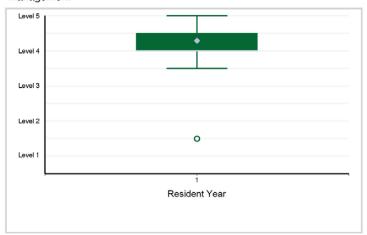
23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



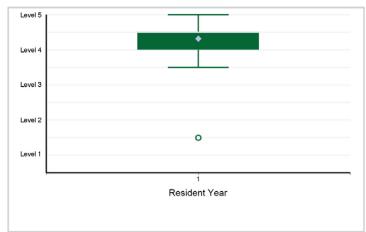
### TABLE 7: SUBSPECIALTY: Adult Cardiothoracic Anesthesiology

Resident Year	1	Total Residents
# of Residents	244	244

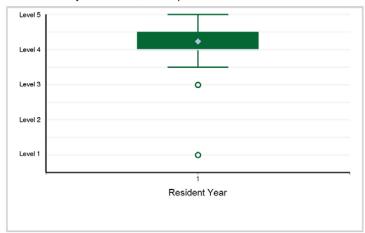
# 1. Patient Care - Patient Care — Peri-procedural Assessment and Management



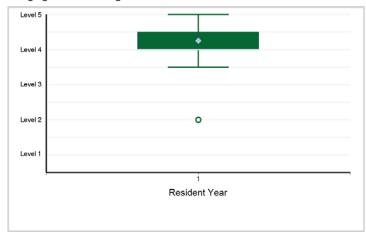
#### 2. Patient Care - Patient Care — Technical/Procedural Skills



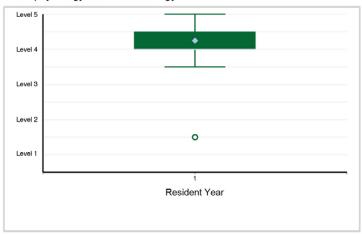
# 3. Medical Knowledge - Medical Knowledge — Extracorporeal Circulation and Circulatory Assist Device Principles



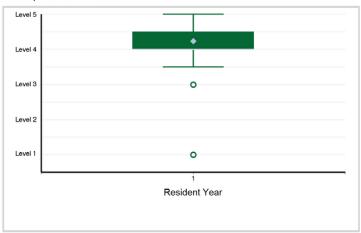
 Medical Knowledge - Medical Knowledge — Cardiovascular/Thoracic Imaging and Monitoring



# 5. Medical Knowledge - Medical Knowledge — Cardiovascular/Thoracic Pathophysiology and Pharmacology

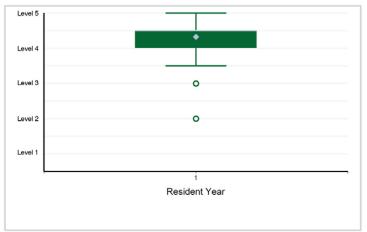


 Medical Knowledge - Medical Knowledge — Diagnostic and Therapeutic Interventions

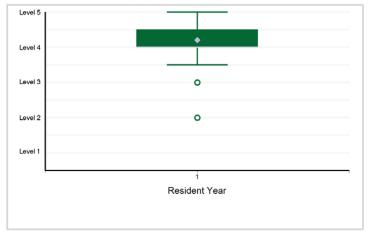


### SUBSPECIALTY: Adult Cardiothoracic Anesthesiology

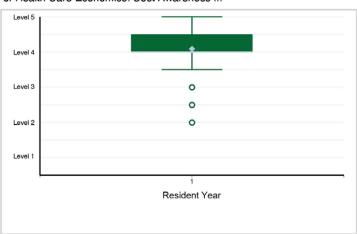
7. Systems-Based Practice - Systems-Based Practice — Interprofessional and Transitions of Care



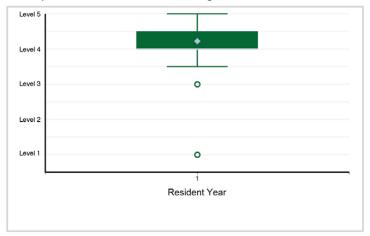
8. Systems-Based Practice - Systems-Based Practice — Incorporation of Patient Safety and Quality Improvement into Clinical ...



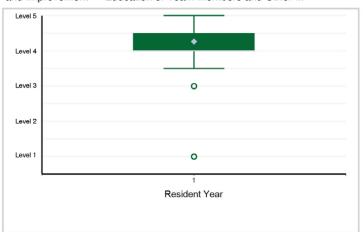
9. Systems-Based Practice - Systems-Based Practice — Understanding of Health Care Economics: Cost Awareness ...



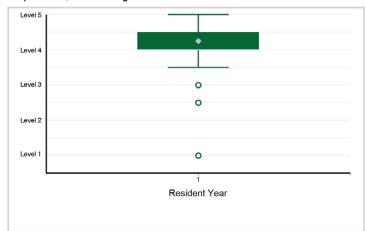
 Practice-Based Learning and Improvement - Practice-Based Learning and Improvement — Self-directed Learning ...



11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement — Education of Team Members and Other ...

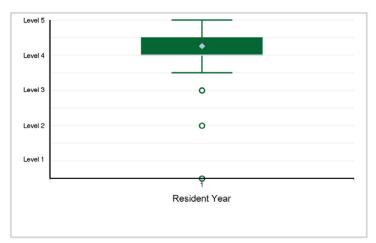


12. Professionalism - Professionalism — Commitment to Institution, Department, and Colleagues

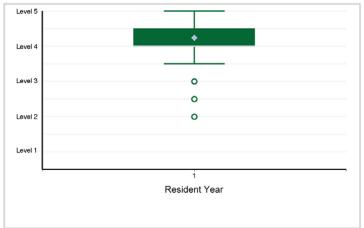


## SUBSPECIALTY: Adult Cardiothoracic Anesthesiology

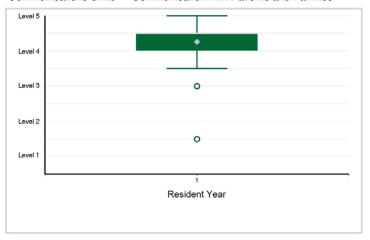
13. Professionalism - Professionalism — Receiving and Giving Feedback



14. Professionalism - Professionalism — Responsibility to Maintain Personal, Emotional, Physical, and Mental Health



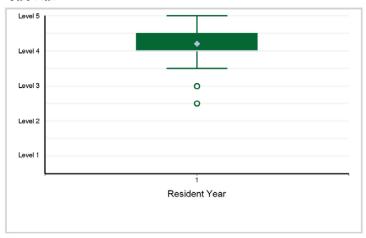
15. Interpersonal and Communication Skills - Interpersonal and Communications Skills — Communication with Patients and Families



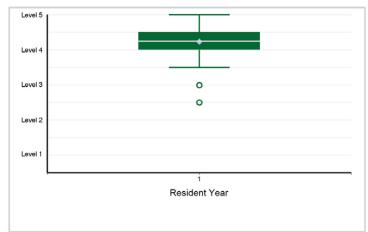
### TABLE 8: SUBSPECIALTY: Critical Care Anesthesiology

Resident Year	1	Total Residents
# of Residents	208	208

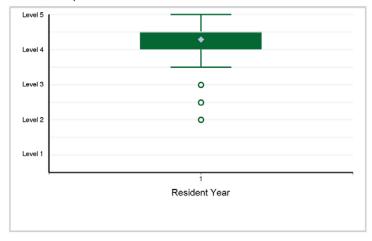
# 1. Patient Care - Patient Care: Patient Assessment and Development of a Care Plan



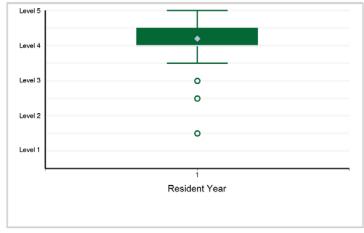
#### 2. Patient Care - Patient Care: Crisis Management



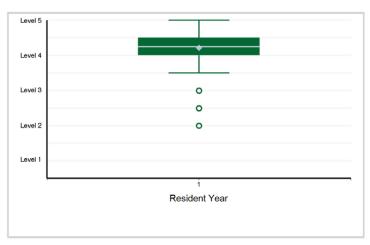
# 3. Patient Care - Patient Care: Procedural Skills/Technical Abilities/Interpretation



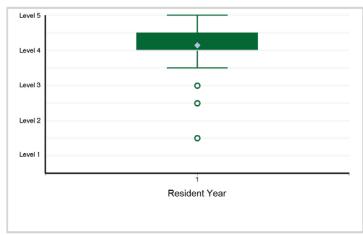
#### 4. Patient Care - Patient Care: Management of Respiratory Failure



#### 5. Patient Care - Patient Care: Palliative Medicine/End-of-Life Care

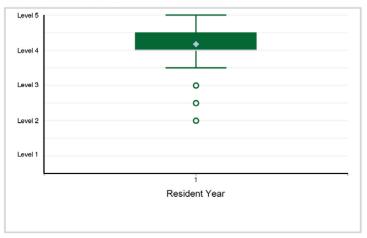


### 6. Medical Knowledge - Medical Knowledge: Pharmacology

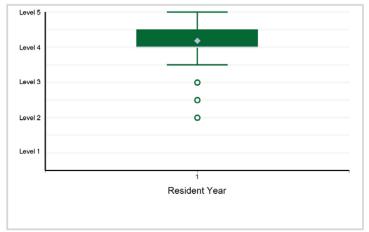


### SUBSPECIALTY: Critical Care Anesthesiology

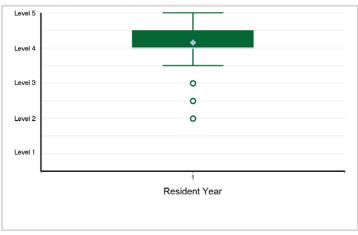
 Medical Knowledge - Medical Knowledge: Medical Knowledge of Critical Care Medicine



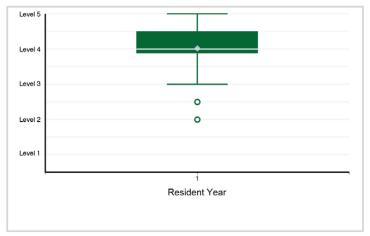
 Systems-Based Practice - Systems-Based Practice: Interprofessional and Transitions of Care



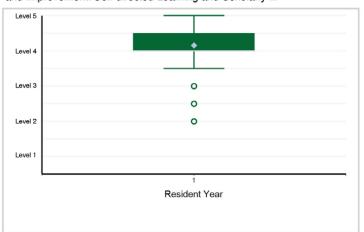
9. Systems-Based Practice - Systems-Based Practice: Incorporation of Patient Safety and Quality Improvement into Clinical Practice



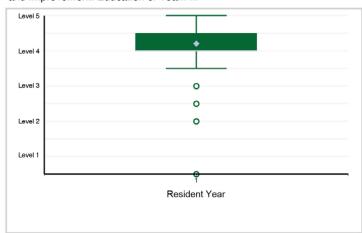
10. Systems-Based Practice - Systems-Based Practice: Understanding of Health Care Economics - Cost Awareness ...



11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement: Self-directed Learning and Scholarly ...

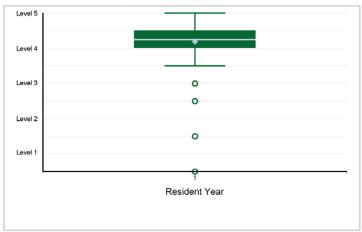


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement: Education of Team ...

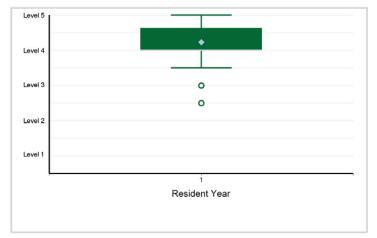


### **SUBSPECIALTY: Critical Care Anesthesiology**

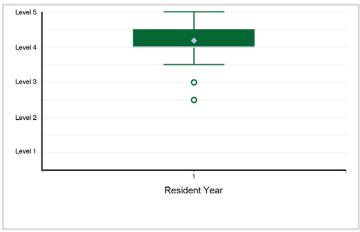
# 13. Professionalism - Professionalism: Commitment to Institution, Department, and Colleagues



#### 14. Professionalism - Professionalism: Receiving and Giving Feedback



15. Professionalism - Professionalism: Responsibility to Maintain Personal Emotional, Physical, and Mental Health



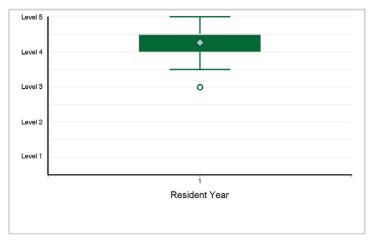
16. Interpersonal and Communication Skills - Interpersonal and Communications Skills: Communication with Patients and Families



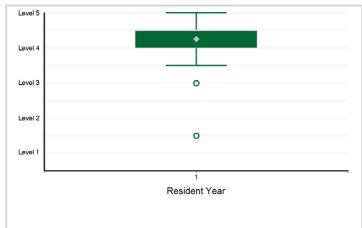
### TABLE 9: SUBSPECIALTY: Obstetric Anesthesiology

Resident Year	1	Total Residents	
# of Residents	57	57	

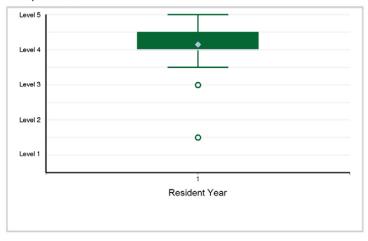
#### 1. Patient Care - Patient Care: Technical Skills



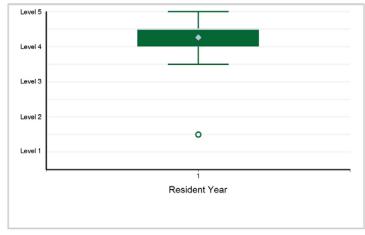
# 2. Patient Care - Patient Care: Triage and Coordination of Obstetric Anesthesia Care



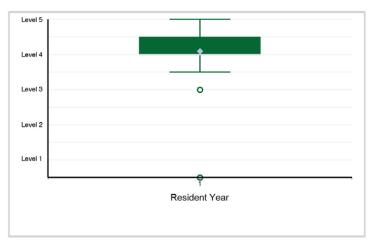
# 3. Patient Care - Patient Care: Crisis Management and Management of Complications



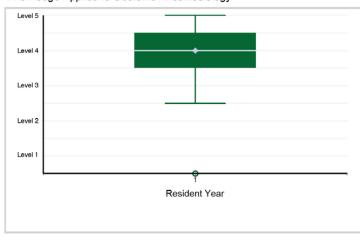
4. Patient Care - Patient Care: Preoperative Assessment and perianesthetic Care Planning



### 5. Medical Knowledge - Medical Knowledge: Obstetric Anesthesiology

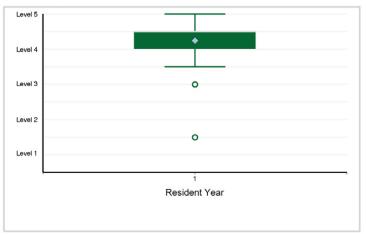


6. Medical Knowledge - Medical Knowledge: Obstetrics and Neonatology Knowledge Applied to Obstetric Anesthesiology

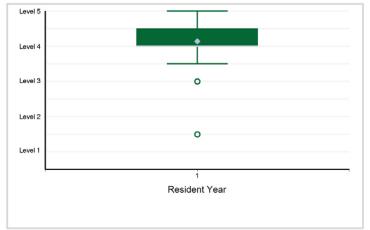


### SUBSPECIALTY: Obstetric Anesthesiology

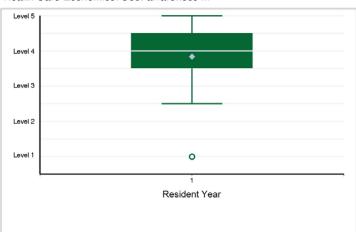
 Systems-Based Practice - Systems-Based Practice: Interprofessional and Transitions of Care



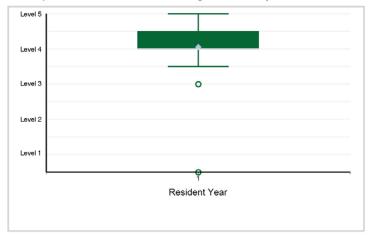
8. Systems-Based Practice - Systems-Based Practice: Incorporation of Patient Safety and Quality Improvement into Clinical Practice



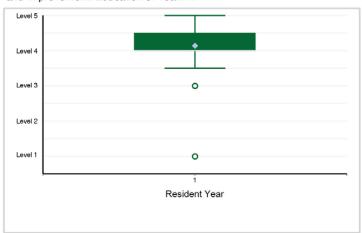
9. Systems-Based Practice - Systems-Based Practice: Understanding of Health Care Economics: Cost-awareness  $\dots$ 



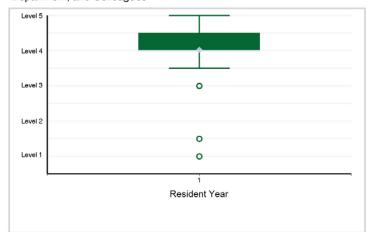
 Practice-Based Learning and Improvement - Practice-Based Learning and Improvement: Self-directed Learning and Scholarly ...



11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement: Education of Team ...

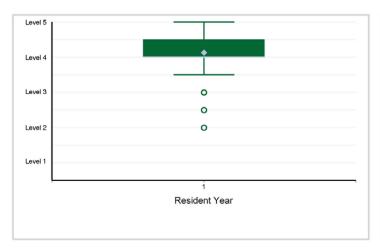


12. Professionalism - Professionalism: Commitment to Institution, Department, and Colleagues

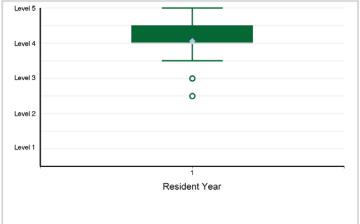


## SUBSPECIALTY: Obstetric Anesthesiology

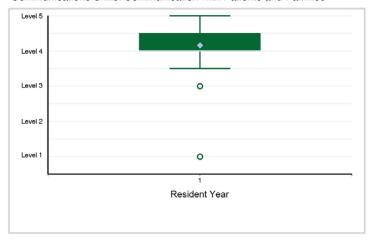
13. Professionalism - Professionalism: Receiving and Giving of Feedback



14. Professionalism - Professionalism: Responsibility to Maintain Personal, Emotional, Physical, and Mental Health



15. Interpersonal and Communication Skills - Interpersonal and Communications Skills: Communication with Patients and Families

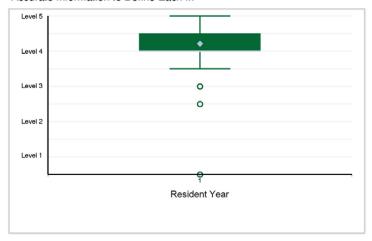


### TABLE 10: SUBSPECIALTY: Pain Medicine (multidisciplinary, Anesthesiology)

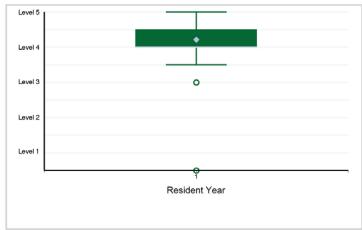
Resident Year	1	Total Residents*
# of Residents	419	419

<sup>\*</sup>Note: There are 3 residents with an incomplete milestone evaluation that are excluded from the box plots below.

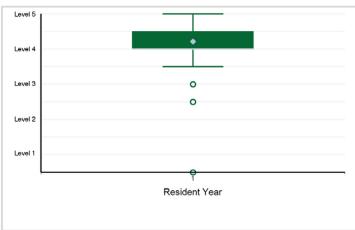
1. Patient Care - Patient Care - Gathers and Synthesizes Essential and Accurate Information to Define Each ...



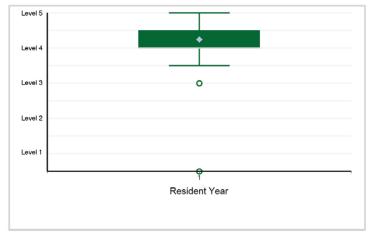
2. Patient Care - Patient Care - Gathers and Synthesizes Essential and Accurate Information to Define Each ...



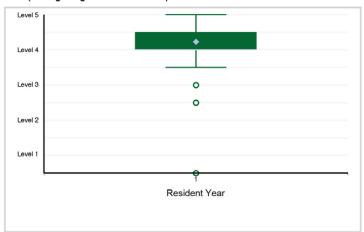
3. Patient Care - Patient Care - Gathers and Synthesizes Essential and Accurate Information to Define Each  $\dots$ 



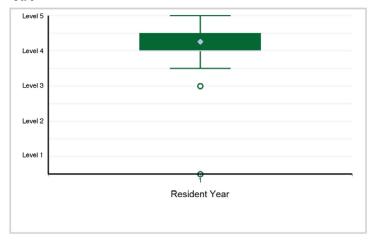
4. Patient Care - Patient Care - In Collaboration with the Patient, Develops and Achieves a Comprehensive ...



5. Patient Care - Patient Care - Demonstrates Skill in Performing and Interpreting Diagnostic and Therapeutic  $\dots$ 

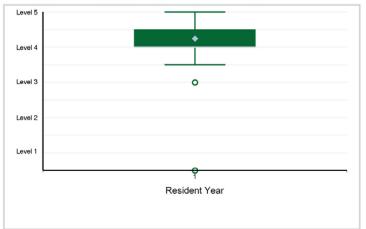


 Patient Care - Patient Care - Requests and Provides Consultative Care

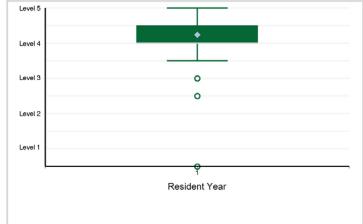


### SUBSPECIALTY: Pain Medicine (multidisciplinary, Anesthesiology)

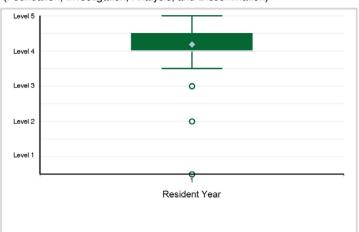
7. Medical Knowledge - Medical Knowledge - Possesses Clinical Knowledge • Anatomy, physiology, and pharmacology ...



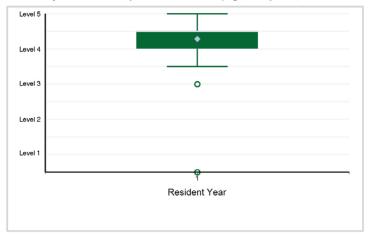
8. Medical Knowledge - Medical Knowledge - Demonstrates Knowledge of Diagnostic Laboratory, Diagnostic ...



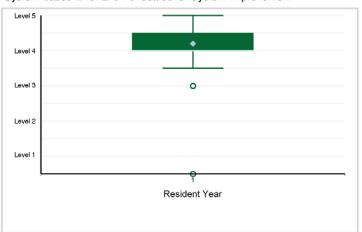
 Medical Knowledge - Medical Knowledge - Participates in Scholarship (Foundation, Investigation, Analysis, and Dissemination)



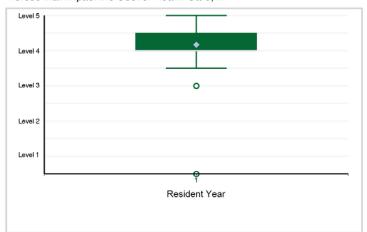
10. Systems-Based Practice - Systems-Based Practice - Works Effectively Within an Interprofessional Team (e.g., with peers, ...



11. Systems-Based Practice - Systems-Based Practice - Recognizes System-based Error and Advocates for System Improvement

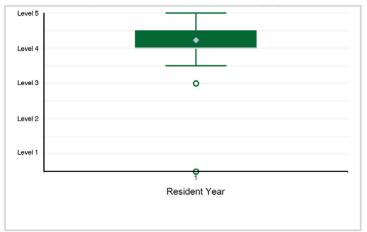


12. Systems-Based Practice - Systems-Based Practice - Identifies Forces that Impact the Cost of Health Care, ...

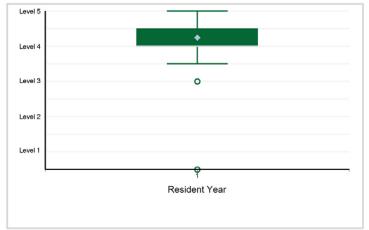


### SUBSPECIALTY: Pain Medicine (multidisciplinary, Anesthesiology)

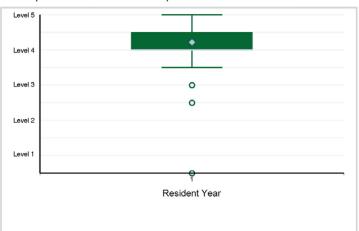
13. Systems-Based Practice - Systems-Based Practice - Transitions Patients Effectively Within and Across Health Delivery Systems



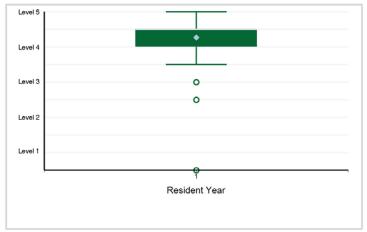
 Practice-Based Learning and Improvement - Practice-Based Learning and Improvement – Monitors Practice with a Goal for Improvement



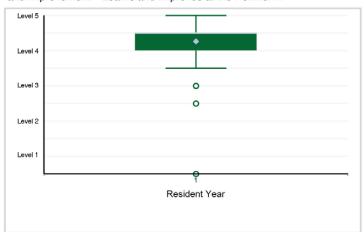
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement - Learns and Improves via Performance ...



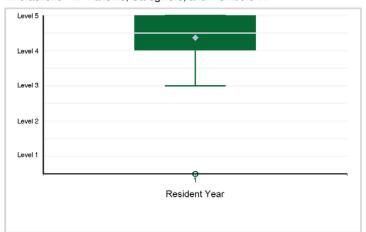
 Practice-Based Learning and Improvement - Practice-Based Learning and Improvement – Learns and Improves via Feedback



17. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement - Learns and Improves at the Point of ...

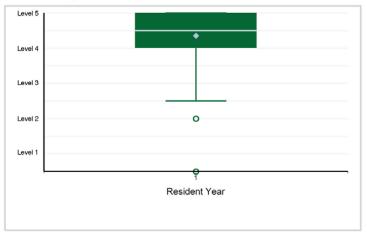


18. Professionalism - Professionalism - Has Professional and Respectful Interactions with Patients, Caregivers, and Members ...

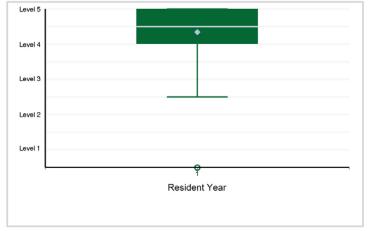


### SUBSPECIALTY: Pain Medicine (multidisciplinary, Anesthesiology)

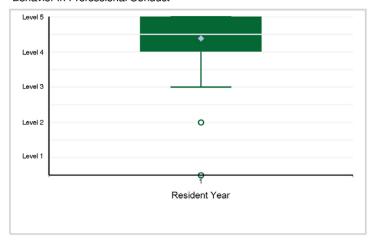
# 19. Professionalism - Professionalism - Accepts Responsibility and Follows through on Tasks



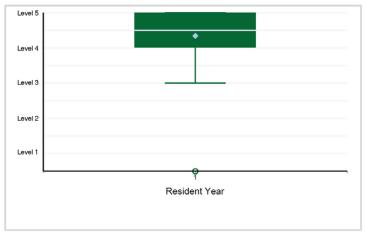
# 20. Professionalism - Professionalism - Responds to each Patient's Unique Characteristics and Needs



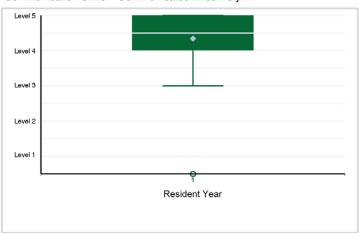
# 21. Professionalism - Professionalism - Exhibits Integrity and Ethical Behavior in Professional Conduct



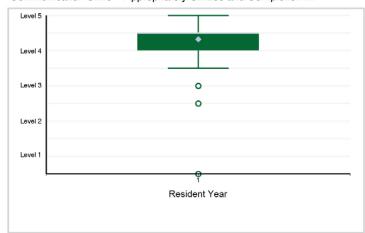
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills - Communicates Effectively ...



# 23. Interpersonal and Communication Skills - Interpersonal and Communication Skills - Communicates Effectively ...



24. Interpersonal and Communication Skills - Interpersonal and Communication Skills - Appropriately Utilizes and Completion ...



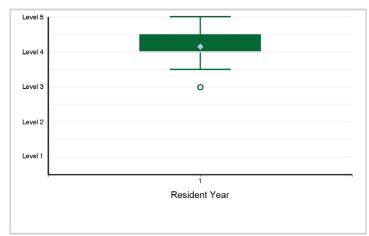
### TABLE 11: SUBSPECIALTY: Pediatric Anesthesiology

Resident Year	1	Total Residents	
# of Residents	209	209	

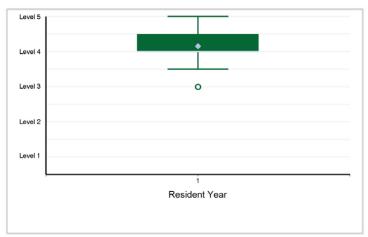
# 1. Patient Care - Patient Care: Pre-Anesthetic Patient Evaluation, Assessment, and Preparation



#### 2. Patient Care - Patient Care: Technical Skills



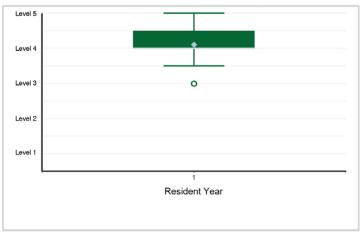
#### 3. Patient Care - Patient Care: Perioperative Planning and Management



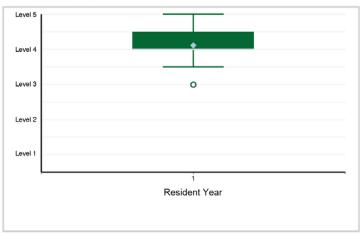
4. Medical Knowledge - Medical Knowledge: Knowledge of Biomedical, Epidemiologic, and Developmental Sciences ...



# 5. Medical Knowledge - Medical Knowledge: Knowledge of Clinical and Behavioral Sciences related to Pediatric Anesthesiology

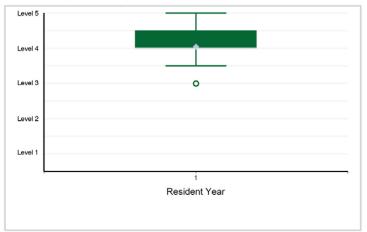


#### Systems-Based Practice - Systems-Based Practice: Interdisciplinary and Transition of Care

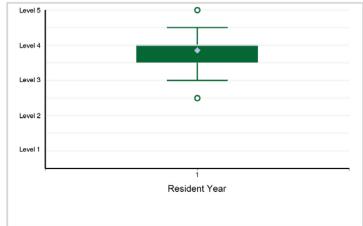


### SUBSPECIALTY: Pediatric Anesthesiology

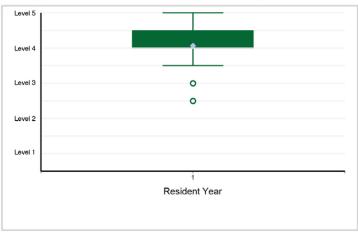
7. Systems-Based Practice - Systems-Based Practice: Incorporation of Patient Safety and Quality Improvement into Clinical Practice



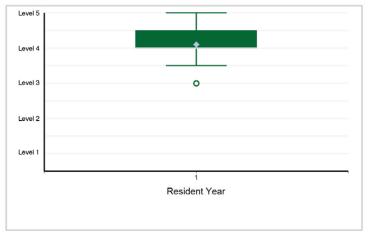
8. Systems-Based Practice - Systems-Based Practice: Understanding of Health Care Economics: Cost Awareness ...



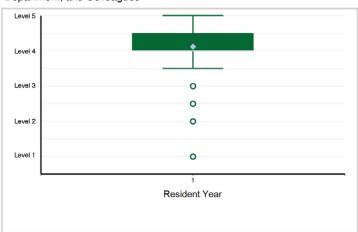
9. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement: Self-directed Learning and Scholarly  $\dots$ 



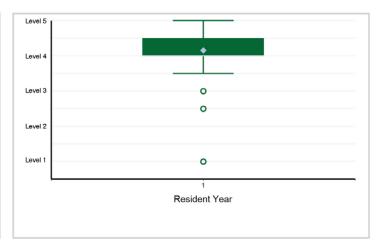
10. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement: Education of Team ...



11. Professionalism - Professionalism: Commitment to Institution, Department, and Colleagues

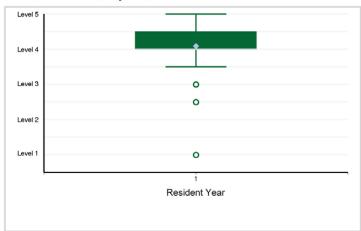


12. Professionalism - Professionalism: Receiving and Giving of Feedback

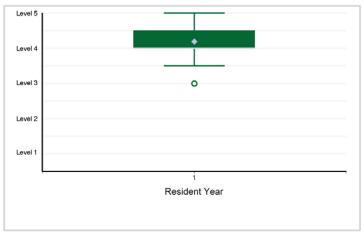


## SUBSPECIALTY: Pediatric Anesthesiology

13. Professionalism - Professionalism: Responsibility to Maintain Personal Emotional, Physical, and Mental Health



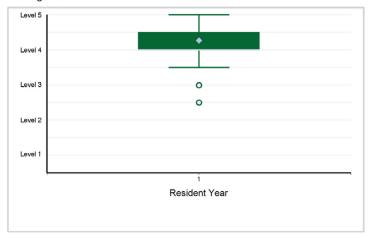
14. Interpersonal and Communication Skills - Interpersonal and Communications Skills: Communication with Patients and Families



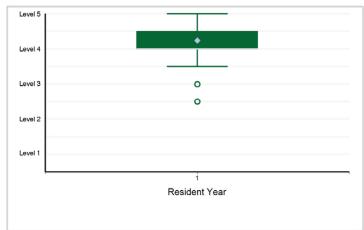
### TABLE 12: SUBSPECIALTY: Regional Anesthesiology and Acute Pain Medicine

Resident Year	1	Total Residents
# of Residents	89	89

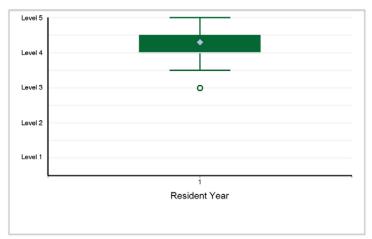
# 1. Patient Care - Patient Care 1: Peri-Procedural Assessment and Management



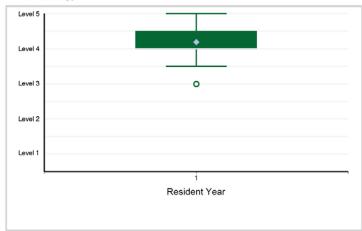
#### 2. Patient Care - Patient Care 2: Acute Pain Management



#### 3. Patient Care - Patient Care 3: Technical/Procedural Skills



4. Medical Knowledge - Medical Knowledge 1: Anatomy, Physiology, and Pharmacology



# 5. Medical Knowledge - Medical Knowledge 2: Procedures and Techniques (includes indications and contraindications, ...

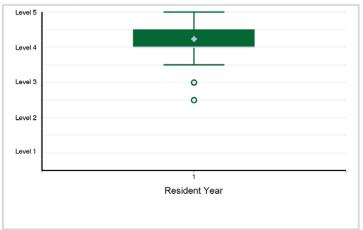


### 6. Medical Knowledge - Medical Knowledge 3: Assessment of Acute Pain

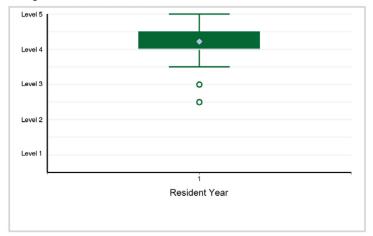


### SUBSPECIALTY: Regional Anesthesiology and Acute Pain Medicine

7. Systems-Based Practice - Systems-based Practice 1: Patient Safety and Quality Improvement



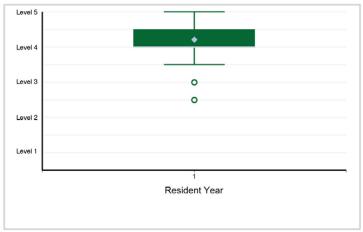
8. Systems-Based Practice - Systems-based Practice 2: System Navigation for Patient-Centered Care



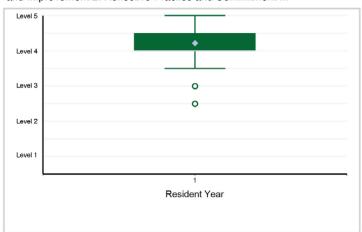
9. Systems-based Practice - Systems-based Practice 3: Physician Role in Health Care Systems



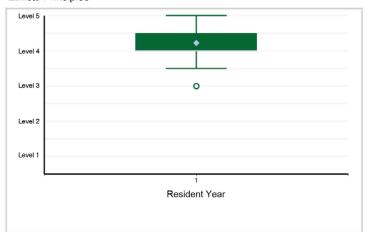
10. Practice-based Learning and Improvement - Practice-based Learning and Improvement 1: Evidence-Based and Informed Practice



11. Practice-based Learning and Improvement - Practice-based Learning and Improvement 2: Reflective Practice and Commitment ...

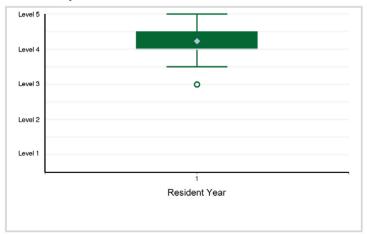


12. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

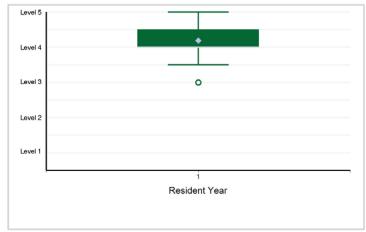


### SUBSPECIALTY: Regional Anesthesiology and Acute Pain Medicine

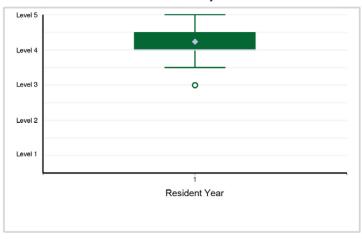
# 13. Professionalism - Professionalism 2: Accountability/Conscientiousness



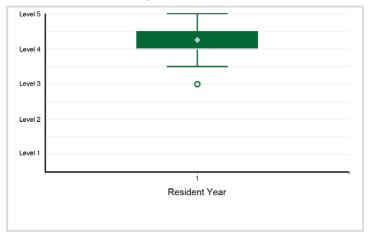
14. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



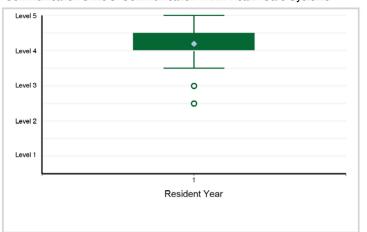
15. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



16. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



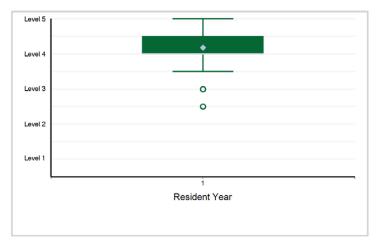
17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



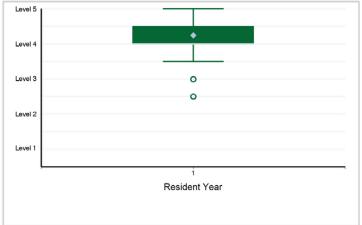
### TABLE 13: SPECIALTY: Colon and Rectal Surgery

Resident Year	1	Total Residents	
# of Residents	108	108	

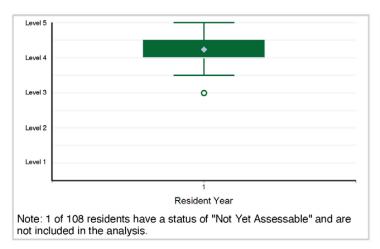
#### 1. Patient Care - Patient Care 1: Rectal Cancer



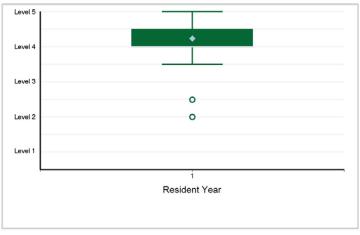
# 2. Patient Care - Patient Care 2: Colonic Neoplasia (Polyps, Colon Cancer, Polyposis)



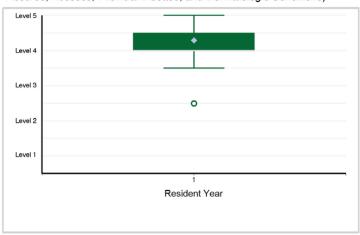
#### 3. Patient Care - Patient Care 3: Anal Cancer



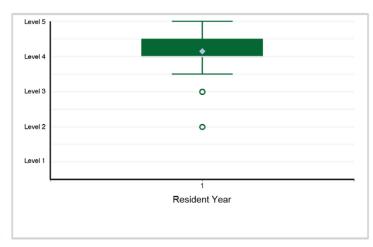
4. Patient Care - Patient Care 4: Anal Fistula



# 5. Patient Care - Patient Care 5: Benign Anorectal (Hemorrhoids, Fissures, Abscess, Pilonidal Disease, and Dermatologic Conditions)

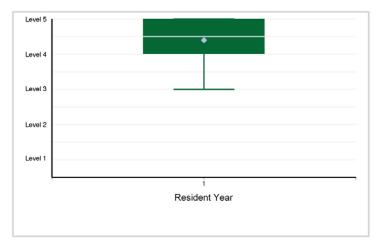


#### 6. Patient Care - Patient Care 6: Ulcerative Colitis

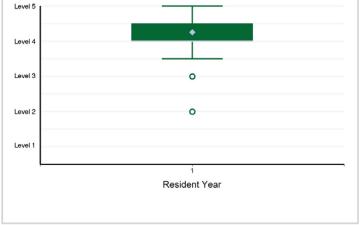


### SPECIALTY: Colon and Rectal Surgery

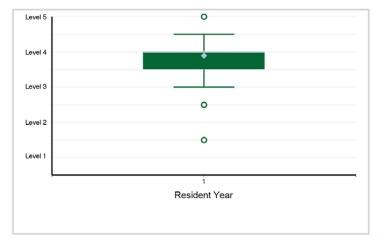
#### 7. Patient Care - Patient Care 7: Diverticular Disease



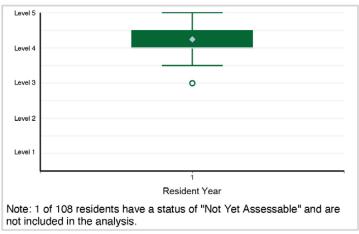
## 8. Patient Care - Patient Care 8: Benign Colon Disease (Lower Gastrointestinal (GI) Bleeding, Volvulus, ...



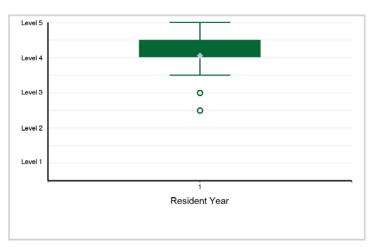
#### 9. Patient Care - Patient Care 9: Pelvic Floor Disorders



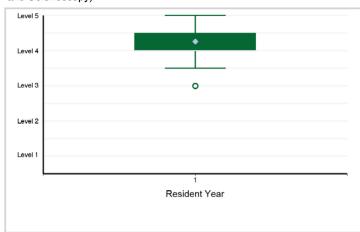
#### 10. Patient Care - Patient Care 10: Rectal Prolapse



#### 11. Patient Care - Patient Care 11: Fecal Incontinence

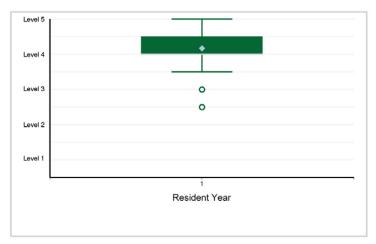


# 12. Patient Care - Patient Care 12: Endoscopy (Flexible Sigmoidoscopy and Colonoscopy)

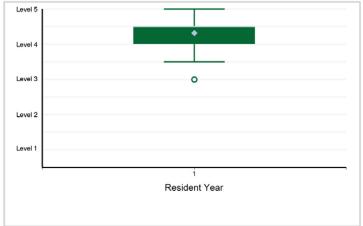


### SPECIALTY: Colon and Rectal Surgery

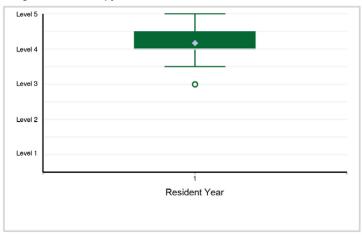
#### 13. Patient Care - Patient Care 13: Crohn's Disease



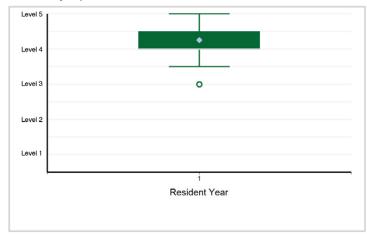
14. Medical Knowledge - Medical Knowledge 1: Anatomy, Pathophysiology and Treatment



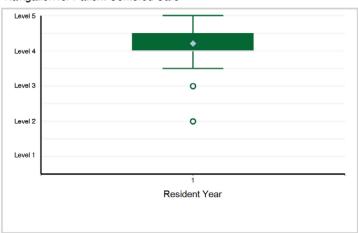
15. Medical Knowledge - Medical Knowledge 2: Critical Thinking for Diagnosis and Therapy



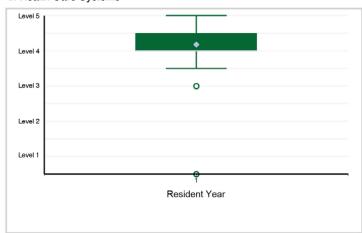
 Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



17. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care

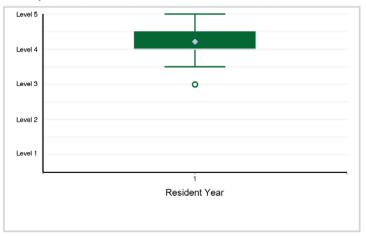


18. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems

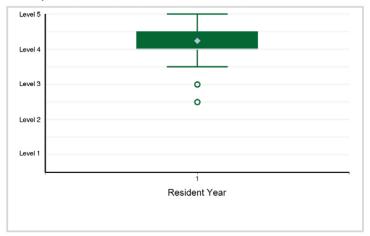


### SPECIALTY: Colon and Rectal Surgery

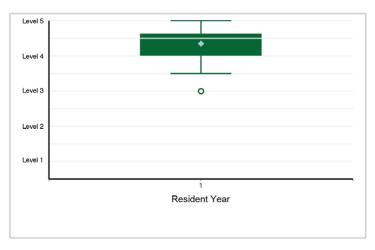
19. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



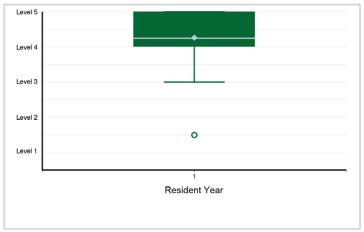
20. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



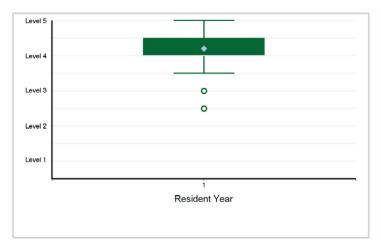
21. Professionalism - Professionalism 1: Ethical Principles



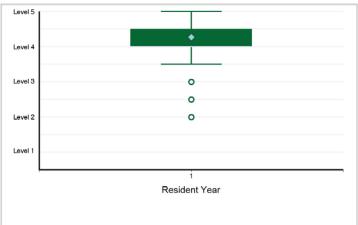
22. Professionalism - Professionalism 2: Professional Behavior and Accountability



23. Professionalism - Professionalism 3: Administrative Tasks

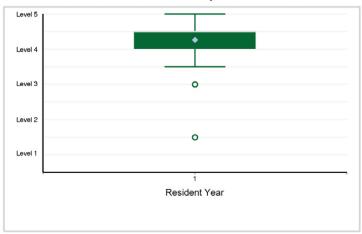


24. Professionalism - Professionalism 4: Self-Awareness and Help-Seeking

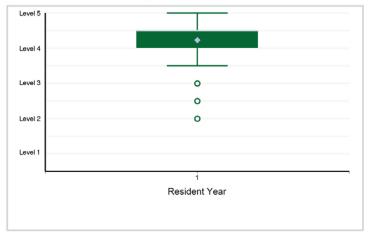


### SPECIALTY: Colon and Rectal Surgery

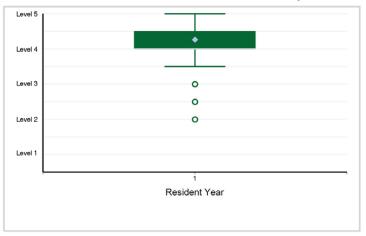
25. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



26. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



27. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

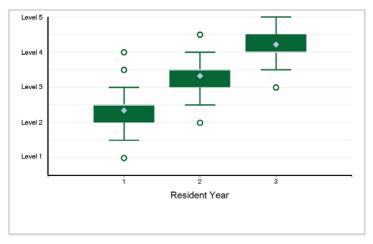


### TABLE 14: SPECIALTY: Dermatology

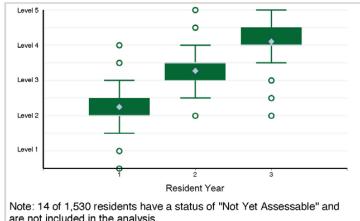
Resident Year	1	2	3	Total Residents*
# of Residents	520	511	509	1,540

<sup>\*</sup>Note: There are 10 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### Patient Care - Patient Care 1: Medical Dermatology

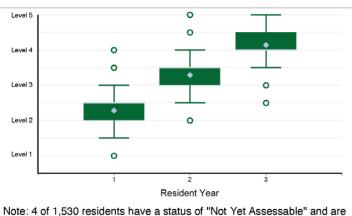


#### 2. Patient Care - Patient Care 2: Pediatric Dermatology



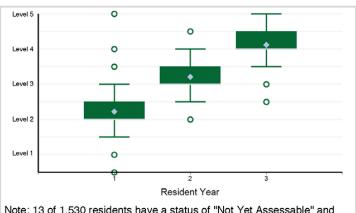
are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Dermatologic Procedures and Surgery



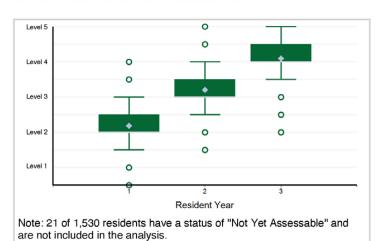
not included in the analysis.

#### 4. Patient Care - Patient Care 4: Dermatopathology

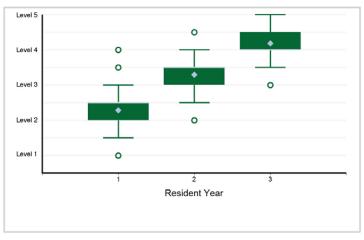


Note: 13 of 1,530 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 5. Patient Care - Patient Care 5: Cosmetic Care

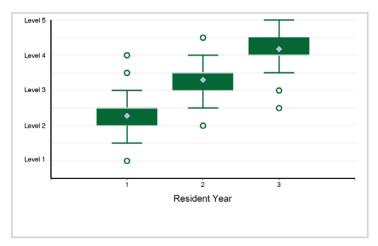


6. Patient Care - Patient Care 6: Diagnostics

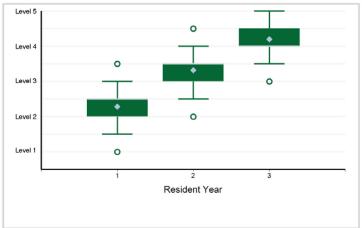


### **SPECIALTY: Dermatology**

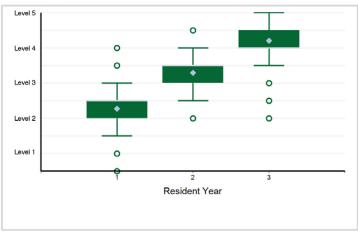
7. Patient Care - Patient Care 7: Critical Thinking/Differential Diagnosis



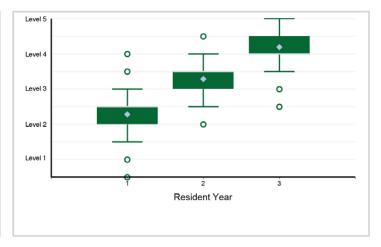
8. Patient Care - Patient Care 8: Therapeutics Management



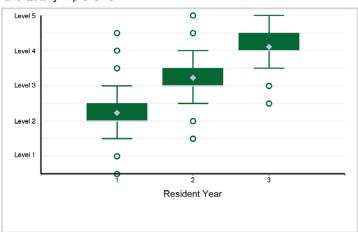
9. Medical Knowledge - Medical Knowledge 1: Knowledge of Dermatologic Disease



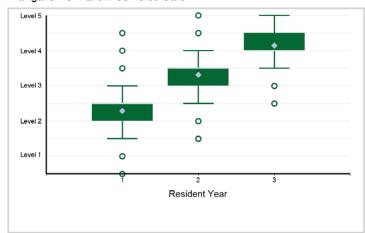
10. Medical Knowledge - Medical Knowledge 2: Visual Recognition



11. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement

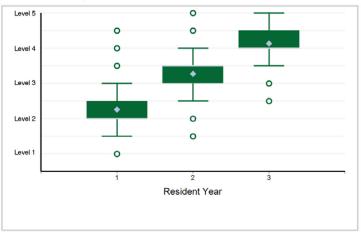


12. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care

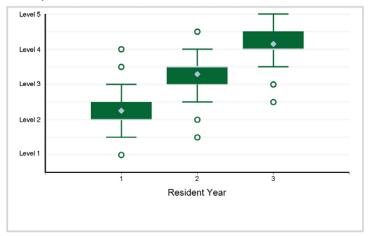


## **SPECIALTY: Dermatology**

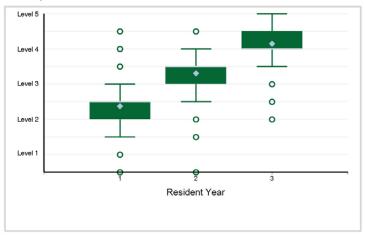
13. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



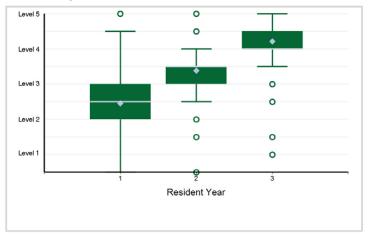
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



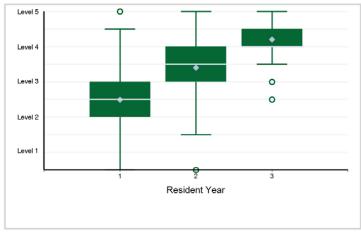
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



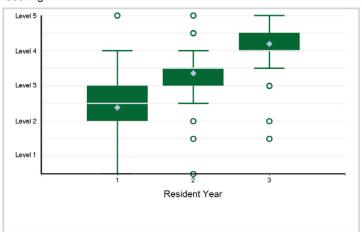
16. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



17. Professionalism - Professionalism 2: Accountability/Conscientiousness

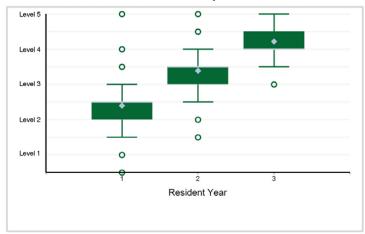


18. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking

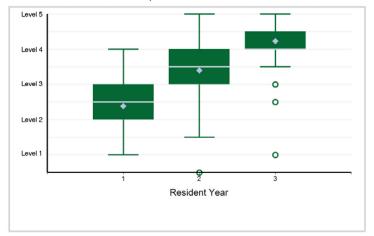


## SPECIALTY: Dermatology

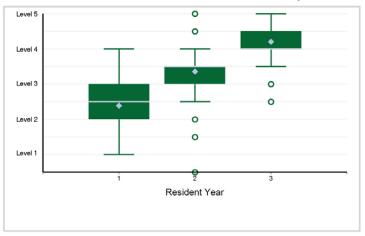
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



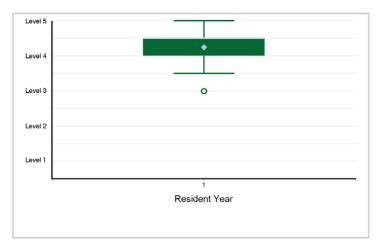
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



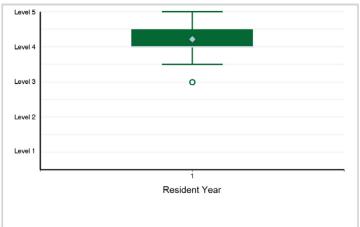
## TABLE 15: SUBSPECIALTY: Dermatopathology (multidisciplinary, Dermatology)

Resident Year	1	Total Residents	
# of Residents	71	71	

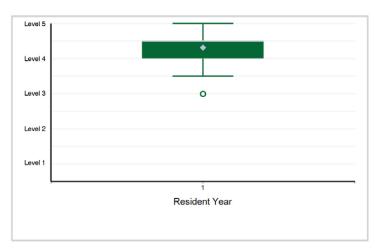
#### 1. Patient Care - Dermatopathologic Diagnosis - PC1



#### 2. Patient Care - Ancillary Testing - PC2



3. Medical Knowledge - Histopathologic Patterns - MK1



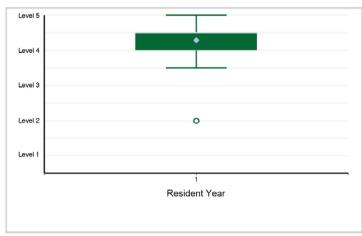
4. Medical Knowledge - Immunohistochemistry - MK2



5. Systems-Based Practice - Health Care teams — SBP1

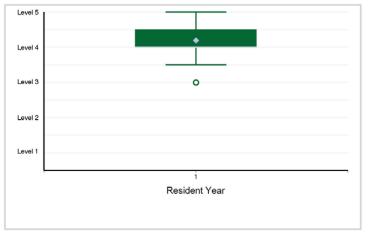


6. Systems-Based Practice - Patient Safety — SBP2

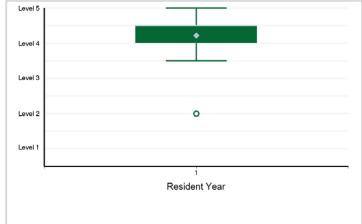


### SUBSPECIALTY: Dermatopathology (multidisciplinary, Dermatology)

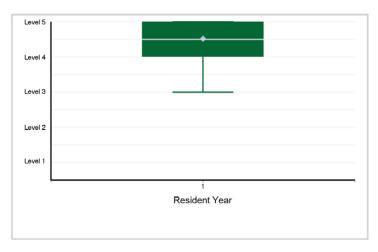
## 7. Practice-Based Learning and Improvement - Evidence-based Practice — PBLI1



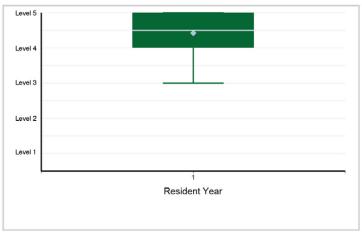
#### Practice-Based Learning and Improvement - Process Improvement and Patient Safety — PBLI2



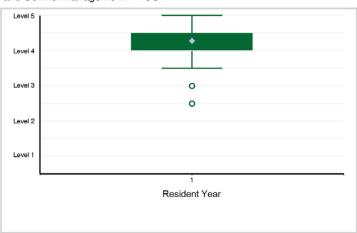
#### 9. Professionalism - Accountability, Honesty, and Integrity — PROF1



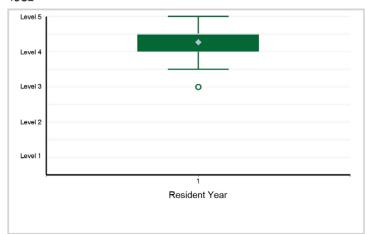
10. Professionalism - Giving and Receiving Feedback — PROF2



# 11. Interpersonal and Communication Skills - Personnel Management and Conflict Management — ICS1 $\,$



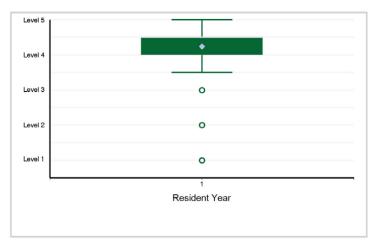
12. Interpersonal and Communication Skills - Diagnostic Reporting — ICS2



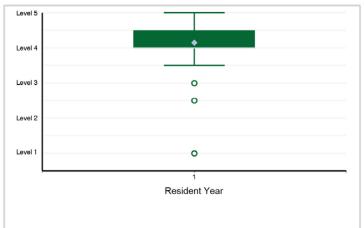
### TABLE 16: SUBSPECIALTY: Micrographic Surgery and Dermatologic Oncology

Resident Year	1	Total Residents
# of Residents	89	89

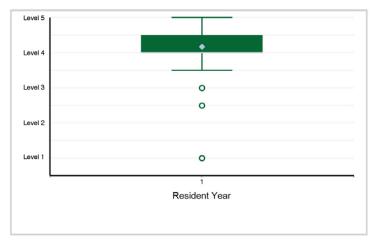
### 1. Patient Care - Patient Care 1 — Mohs Surgery



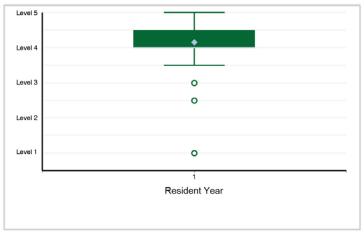
#### 2. Patient Care - Patient Care 2 - Reconstruction



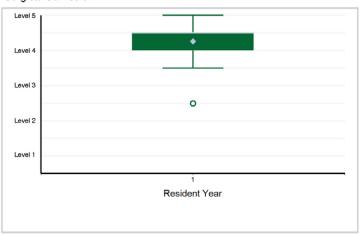
### 3. Patient Care - Patient Care 3 — Mohs Histopathology



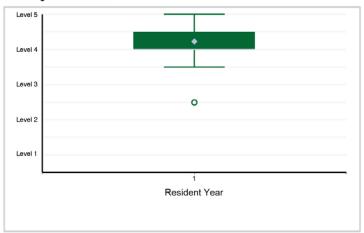
4. Patient Care - Patient Care 4 — Diagnosis and Management



# 5. Medical Knowledge - Medical Knowledge 1 — Mastery of Dermatologic Surgical Curriculum

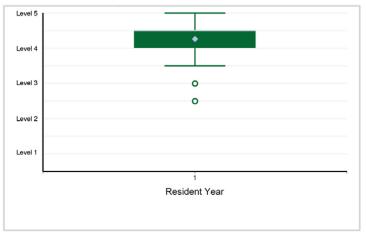


6. Medical Knowledge - Medical Knowledge 2 — Mastery of Cutaneous Oncologic Curriculum

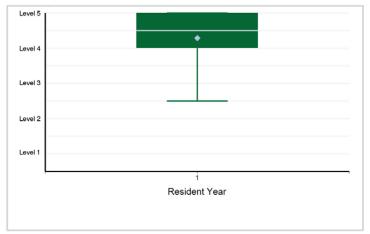


### SUBSPECIALTY: Micrographic Surgery and Dermatologic Oncology

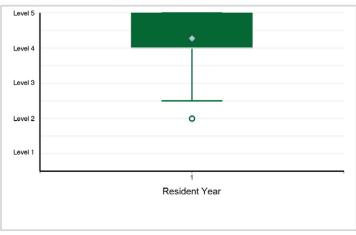
7. Systems-Based Practice - Systems-Based Practice 1 — Practices Cost-Conscious Care (for Patients and Populations)



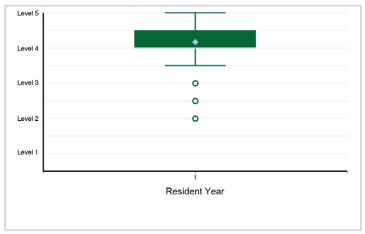
8. Systems-Based Practice - Systems-Based Practice 2 — Works Effectively within an Interprofessional Team



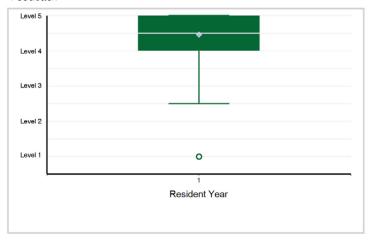
9. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1 — Appraises and  $\dots$ 



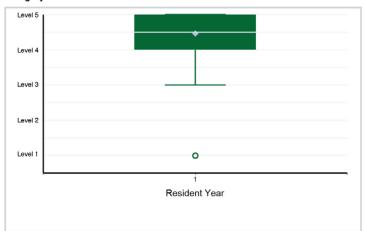
10. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2 — Integrates Quality ...



 Professionalism - Professionalism 1 — Giving and Receiving Feedback



12. Professionalism - Professionalism 2 — Accountability, Honesty, and Integrity

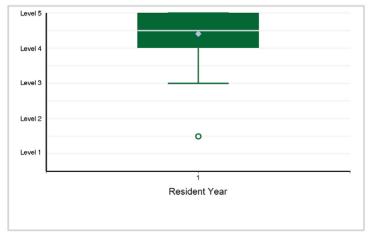


## SUBSPECIALTY: Micrographic Surgery and Dermatologic Oncology

13. Interpersonal and Communication Skills - Interpersonal Communication and Skills 1 — Personnel and Conflict Management



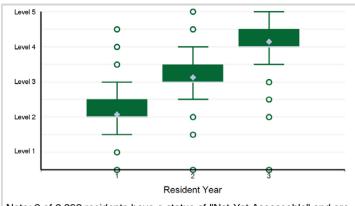
14. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2 — Communicates with ...



### TABLE 17: SPECIALTY: Emergency Medicine (Three-Year Program)

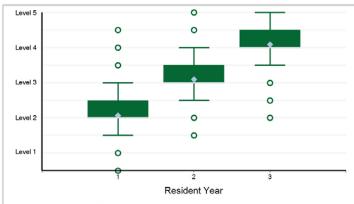
Resident Year	1	2	3	Total Residents
# of Residents	2,268	2,135	1,989	6,392

#### 1. Patient Care - Patient Care 1: Emergency Stabilization



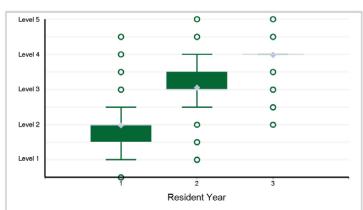
Note: 2 of 6,392 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Diagnostic Studies



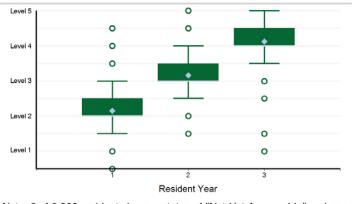
Note: 2 of 6,392 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### 5. Patient Care - Patient Care 5: Pharmacotherapy



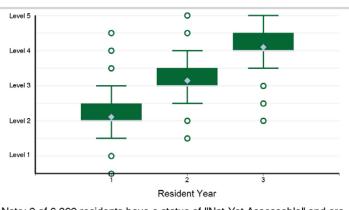
Note: 2 of 6,392 residents have a status of "Not Yet Assessable" and are not included in the analysis.

## 2. Patient Care - Patient Care 2: Performance of a Focused History and Physical Exam



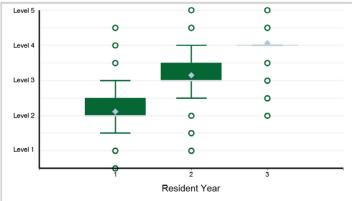
Note: 2 of 6,392 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 4. Patient Care - Patient Care 4: Diagnosis



Note: 2 of 6,392 residents have a status of "Not Yet Assessable" and are not included in the analysis.

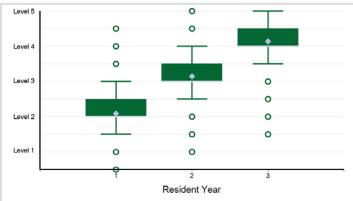
### 6. Patient Care - Patient Care 6: Reassessment and Disposition



Note: 2 of 6,392 residents have a status of "Not Yet Assessable" and are not included in the analysis.

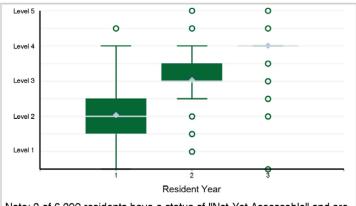
### **SPECIALTY: Emergency Medicine (Three-Year Program)**

#### 7. Patient Care - Patient Care 7: Multitasking (Task-Switching)



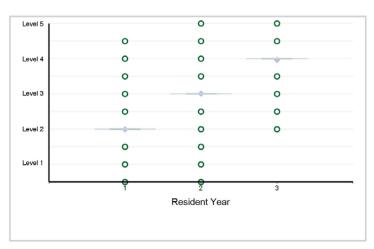
Note: 2 of 6,392 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 9. Medical Knowledge - Medical Knowledge 1: Scientific Knowledge

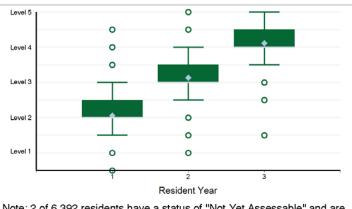


Note: 3 of 6,392 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 11. Systems-Based Practice - Systems-Based Practice 1: Patient Safety

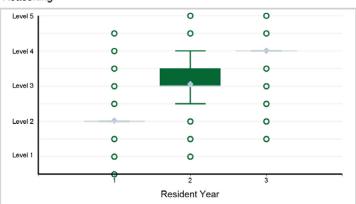


#### 8. Patient Care - Patient Care 8: General Approach to Procedures



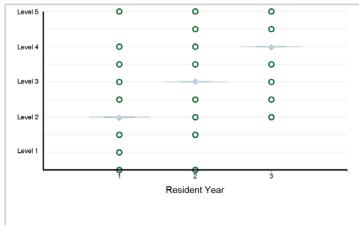
Note: 2 of 6,392 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 10. Medical Knowledge - Medical Knowledge 2: Treatment and Clinical Reasoning



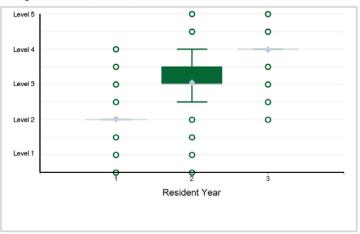
Note: 2 of 6,392 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 12. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement

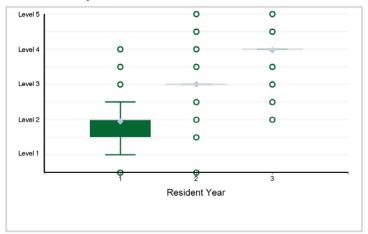


### **SPECIALTY: Emergency Medicine (Three-Year Program)**

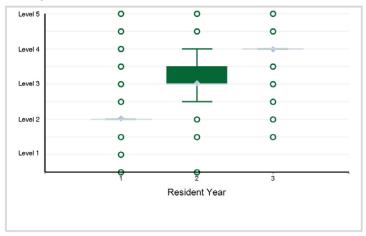
# 13. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care



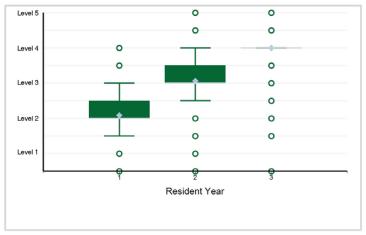
# 14. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



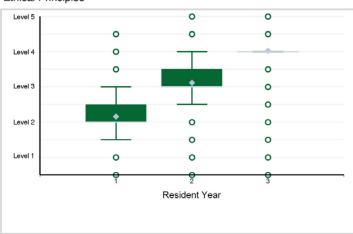
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



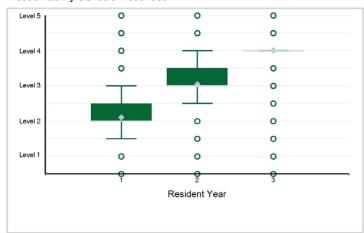
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



17. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

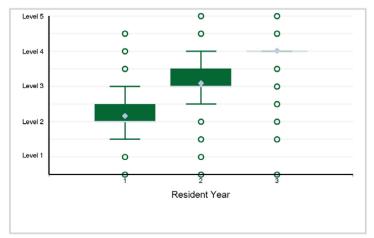


18. Professionalism - Professionalism 2: Accountability/Conscientiousness

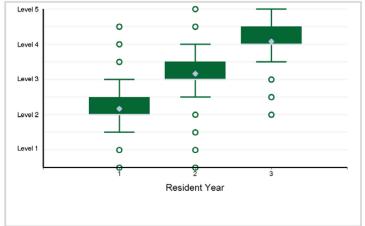


#### **SPECIALTY: Emergency Medicine (Three-Year Program)**

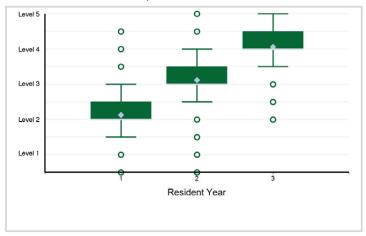
19. Professionalism - Professionalism 3: Self-Awareness and Well-Being



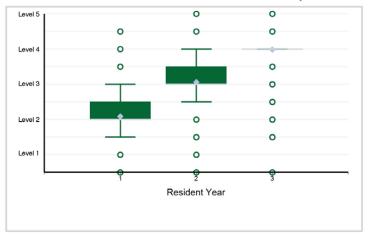
20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



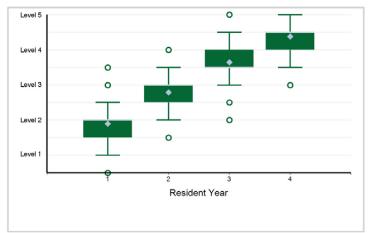
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



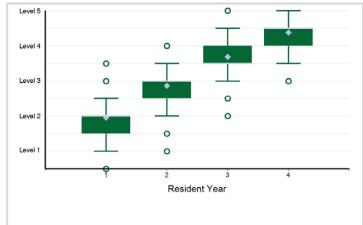
### SPECIALTY: Emergency Medicine (Four-Year Program)

Resident Year	1	2	3	4	Total Residents
# of Residents	680	666	667	648	2,661

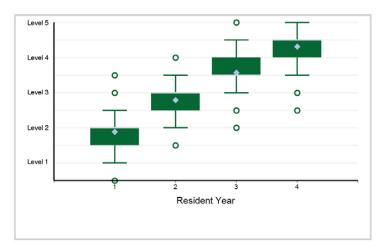
#### 1. Patient Care - Patient Care 1: Emergency Stabilization



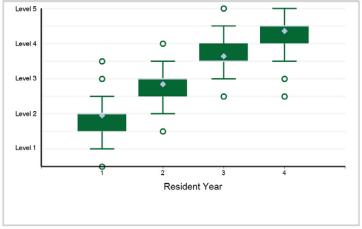
# 2. Patient Care - Patient Care 2: Performance of a Focused History and Physical Exam



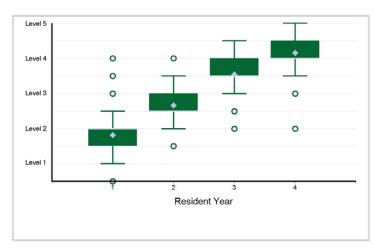
#### 3. Patient Care - Patient Care 3: Diagnostic Studies



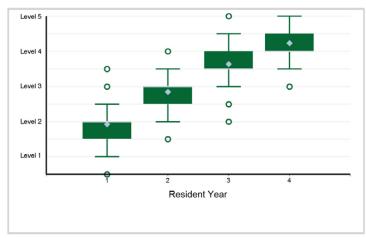
#### 4. Patient Care - Patient Care 4: Diagnosis



### 5. Patient Care - Patient Care 5: Pharmacotherapy

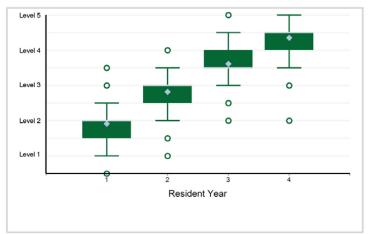


#### 6. Patient Care - Patient Care 6: Reassessment and Disposition

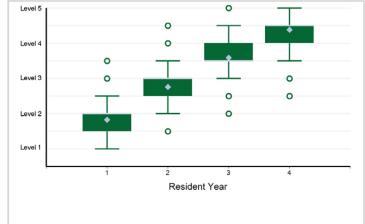


### **SPECIALTY: Emergency Medicine (Four-Year Program)**

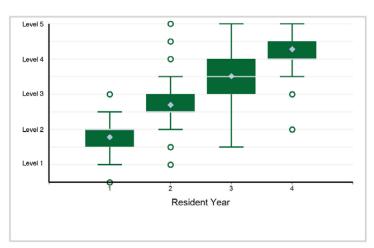
7. Patient Care - Patient Care 7: Multitasking (Task-Switching)



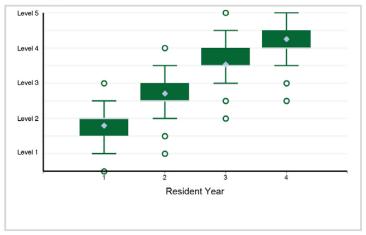
8. Patient Care - Patient Care 8: General Approach to Procedures



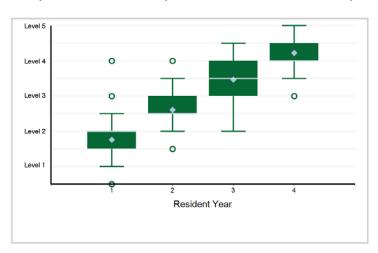
9. Medical Knowledge - Medical Knowledge 1: Scientific Knowledge



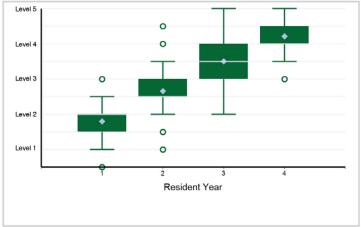
10. Medical Knowledge - Medical Knowledge 2: Treatment and Clinical Reasoning



11. Systems-Based Practice - Systems-Based Practice 1: Patient Safety

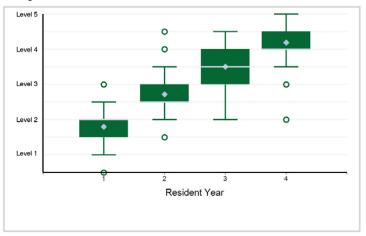


12. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement

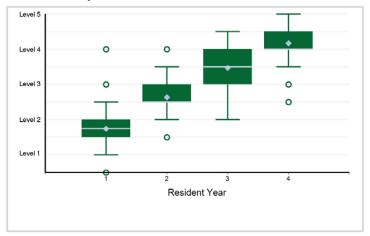


#### SPECIALTY: Emergency Medicine (Four-Year Program)

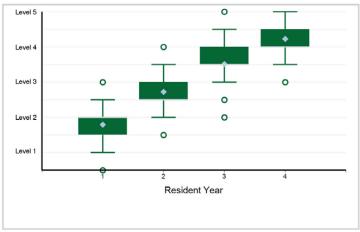
# 13. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care



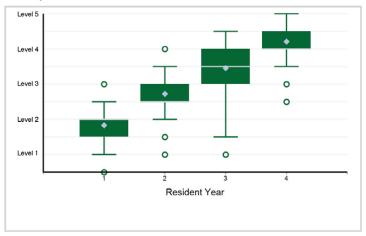
# 14. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



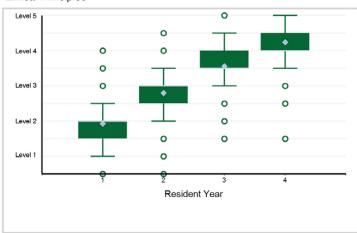
# 15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



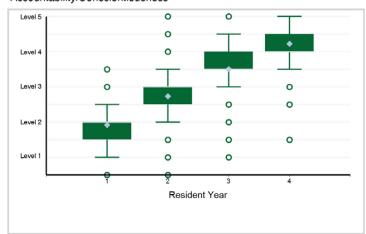
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



17. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

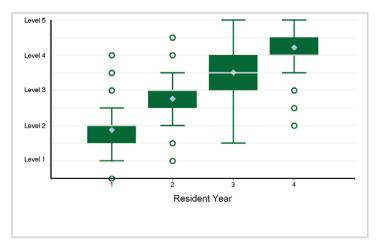


18. Professionalism - Professionalism 2: Accountability/Conscientiousness

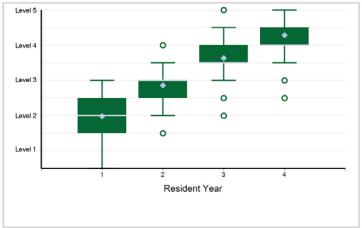


### SPECIALTY: Emergency Medicine (Four-Year Program)

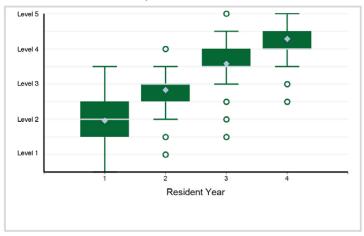
19. Professionalism - Professionalism 3: Self-Awareness and Well-Being



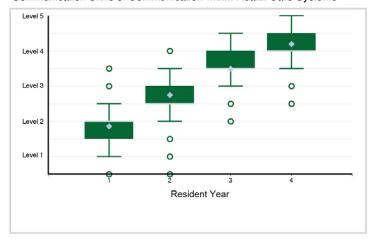
20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



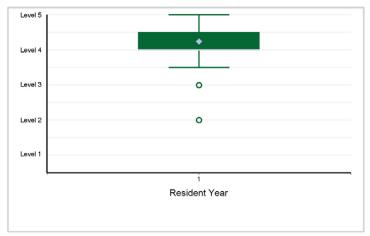
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



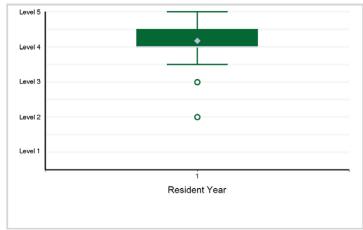
#### TABLE 18: SUBSPECIALTY: Emergency Medical Services

Resident Year	1	Total Residents
# of Residents	107	107

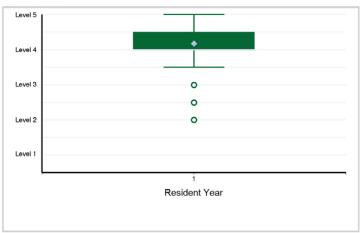
#### 1. Patient Care - Procedures Performed in the Pre-hospital Environment



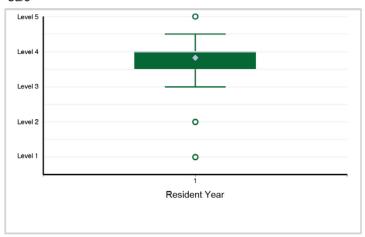
2. Patient Care - Pre-hospital Recognition and Stabilization of Time/Life-Critical Conditions - Patient Care



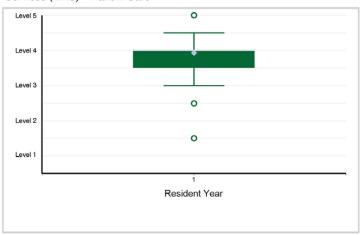
3. Patient Care - Recognition and Treatment of Pre-hospital Conditions - Patient Care



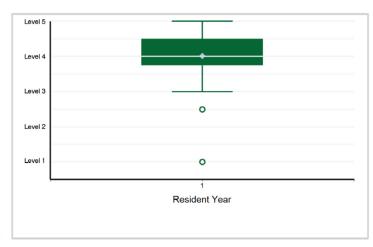
4. Patient Care - Mass Casualty and Disaster Management – Patient Care



5. Patient Care - General Special Operations in Emergency Medical Services (EMS) – Patient Care

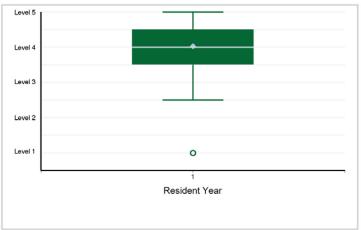


6. Medical Knowledge - Medical Oversight - Medical Knowledge

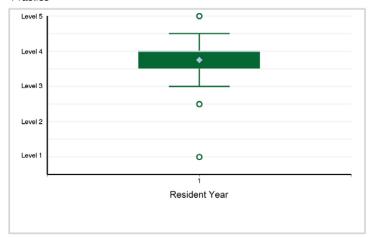


#### SUBSPECIALTY: Emergency Medical Services

# 7. Systems-Based Practice - EMS Personnel (Supervision and Training) – Systems-Based Practice



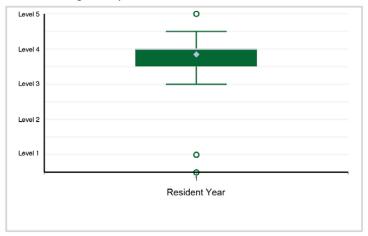
## 8. Systems-Based Practice - System Management – Systems-Based Practice



# 9. Practice-Based Learning and Improvement - Quality Management - Practice-Based Learning and Improvement



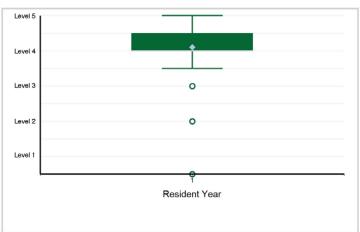
10. Practice-Based Learning and Improvement - Research – Practice-Based Learning and Improvement



#### 11. Professionalism - Ethics and Professional Behavior - Professionalism

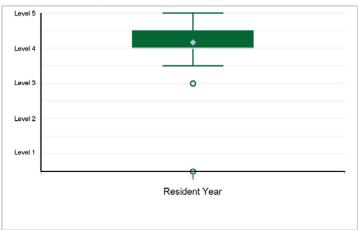


#### 12. Professionalism - Accountability - Professionalism

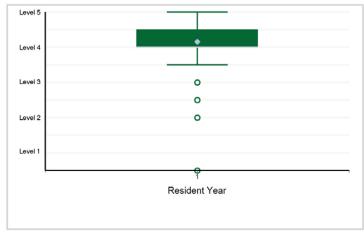


### SUBSPECIALTY: Emergency Medical Services

13. Interpersonal and Communication Skills - Team Communications and Management – Interpersonal and Communication Skills



14. Interpersonal and Communication Skills - Patient-centered Communications – Interpersonal and Communication Skills

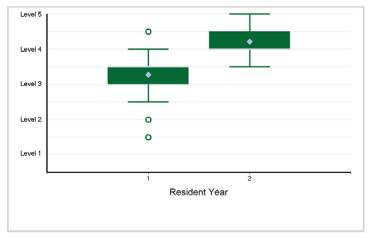


### TABLE 19: SUBSPECIALTY: Medical Toxicology (multidisciplinary, Emergency Medicine)

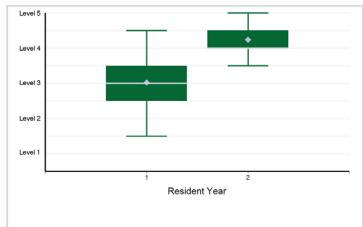
Resident Year	1	2	Total Residents*
# of Residents	38	43	81

<sup>\*</sup>Note: There are 1 residents with an incomplete milestone evaluation that are excluded from the box plots below.

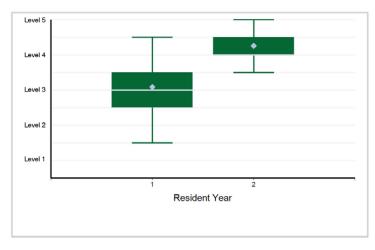
#### 1. Patient Care - PC1: Exposure Assessment: History and Physical



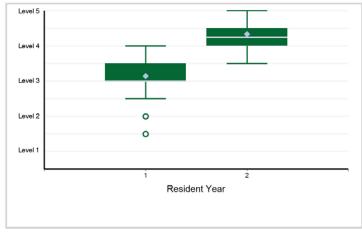
#### Patient Care - PC2: Clinical Reasoning: Ordering and Interpretation of Studies and Differential Diagnosis



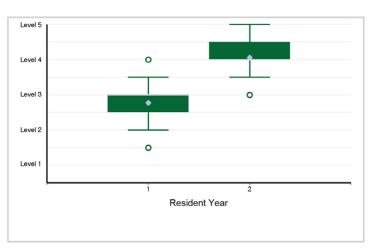
#### 3. Patient Care - PC3: Management Plan and Treatment



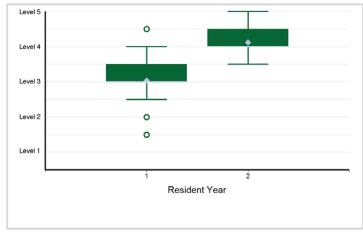
#### 4. Medical Knowledge - MK1: Acute and Chronic Exposure



#### 5. Medical Knowledge - MK2: Epidemiology and Population Exposure

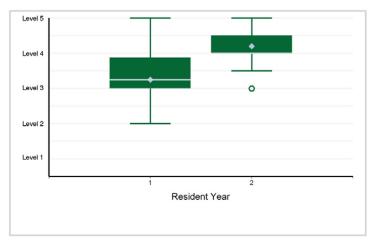


#### 6. Medical Knowledge - MK3: Laboratory and Clinical Testing

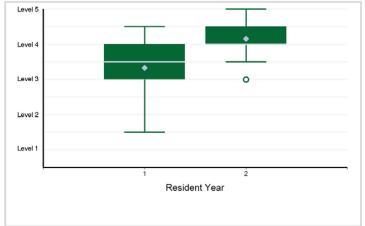


#### SUBSPECIALTY: Medical Toxicology (multidisciplinary, Emergency Medicine)

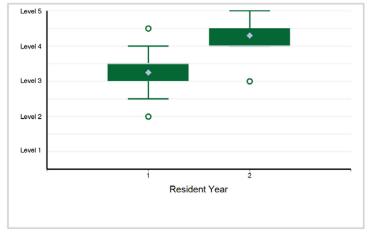
#### 7. Systems-Based Practice - SBP1: Patient Safety



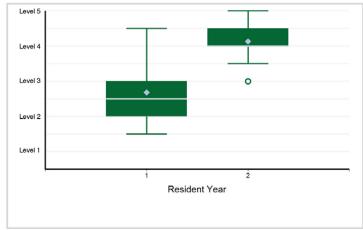
# 8. Systems-Based Practice - SBP2: Clinical Application of Information Technology



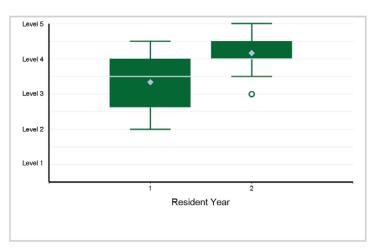
## 9. Practice-Based Learning and Improvement - PBLI1: Self-Directed Learning in Medical Toxicology



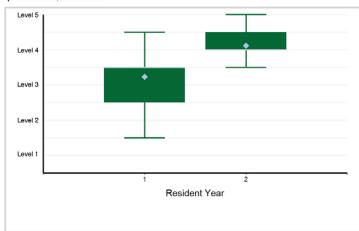
 Practice-Based Learning and Improvement - PBLI2: Quality Improvement Project



#### 11. Professionalism - PROF1: Professional Values

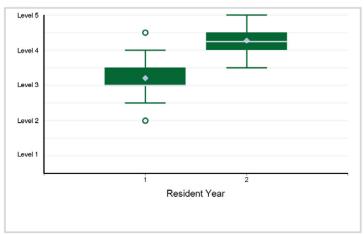


12. Professionalism - PROF2: Accountability to patients, society, profession, and self

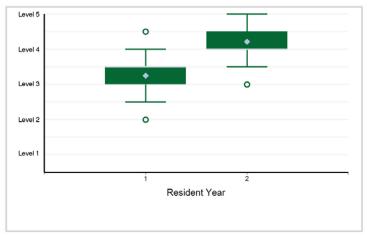


### SUBSPECIALTY: Medical Toxicology (multidisciplinary, Emergency Medicine)

13. Interpersonal and Communication Skills - ICS1: Patients Families and Public



14. Interpersonal and Communication Skills - ICS2: Communication with Health Care Professionals

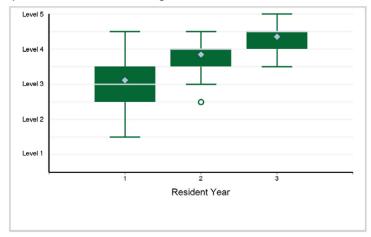


#### TABLE 20: SUBSPECIALTY: Pediatric Emergency Medicine (multidisciplinary, Emergency Medicine)

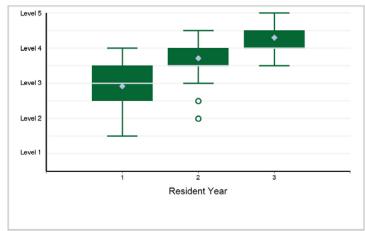
Resident Year	1	2	3	Total Residents*
# of Residents	58	45	37	140

<sup>\*</sup>Note: There are 6 residents with an incomplete milestone evaluation that are excluded from the box plots below.

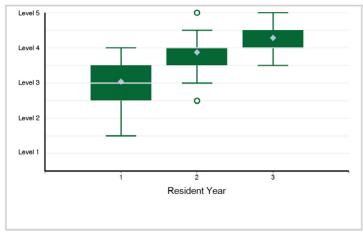
## 1. Patient Care - Gather essential and accurate information about the patient: Abstracts current findings ...



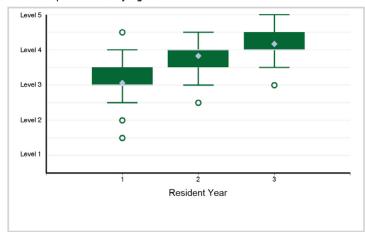
## 2. Patient Care - Organize and prioritize responsibilities to provide patient care that is safe, effective, ...



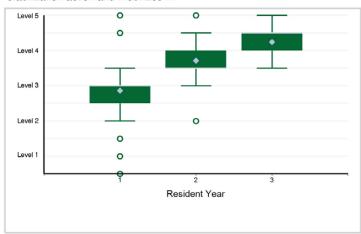
# 3. Patient Care - Provide transfer of care that ensures seamless transitions — ${\sf PC3}$



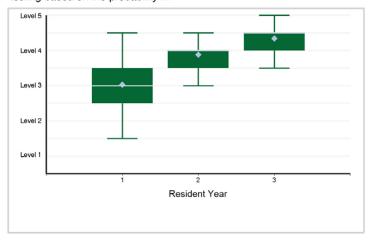
 Patient Care - Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment — PC4



# 5. Patient Care - Emergency Stabilization: Prioritizes critical initial stabilization action and mobilizes $\dots$

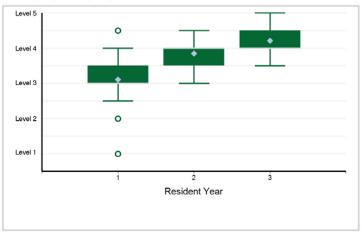


# 6. Patient Care - Diagnostic Studies: Applies the results of diagnostic testing based on the probability $\dots$

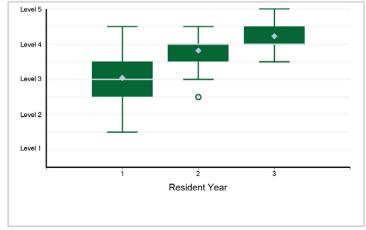


### SUBSPECIALTY: Pediatric Emergency Medicine (multidisciplinary, Emergency Medicine)

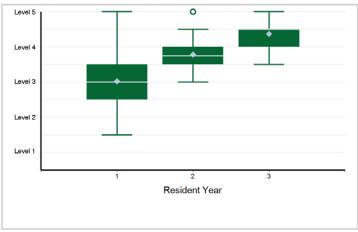
7. Patient Care - Observation and Reassessment: Re-evaluates patients undergoing emergency department (ED) ...



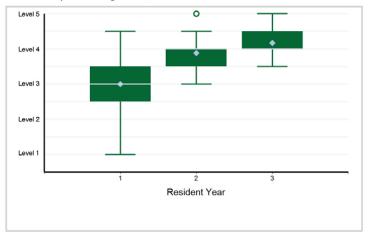
8. Patient Care - Disposition: Establishes and implements a comprehensive disposition plan that uses appropriate ...



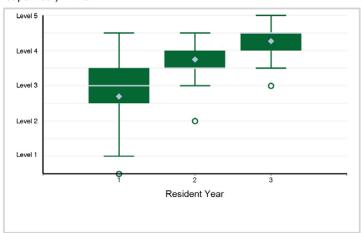
9. Patient Care - General Approach to Procedures: Performs the indicated procedure on all appropriate patients  $\dots$ 



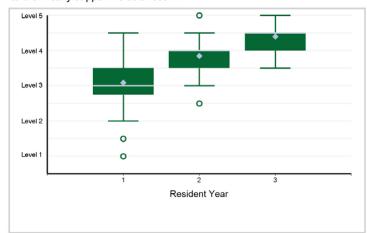
10. Patient Care - Anesthesia and Acute Pain Management: Provides safe acute pain management, anesthesia, ...



11. Patient Care - Provide appropriate supervision (milestones for the supervisor) — PC11

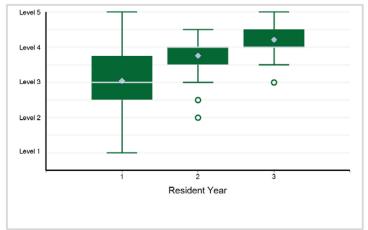


12. Medical Knowledge - Demonstrate sufficient knowledge of the basic and clinically supportive sciences ...

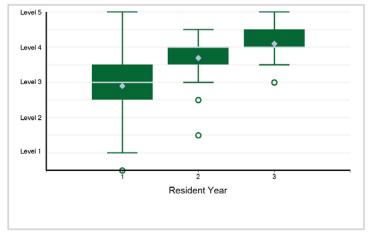


### SUBSPECIALTY: Pediatric Emergency Medicine (multidisciplinary, Emergency Medicine)

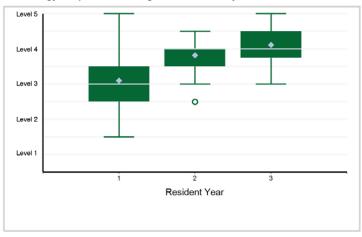
13. Systems-Based Practice - Advocate for quality patient care and optimal patient care systems — SBP1



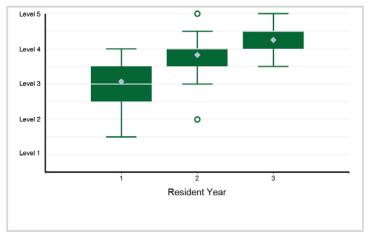
14. Systems-Based Practice - Participate in identifying system errors and implementing potential systems solutions — SBP2



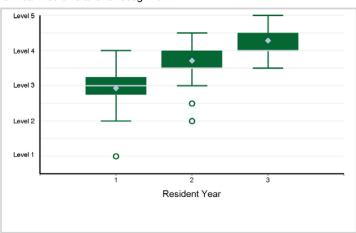
15. Practice-Based Learning and Improvement - Use information technology to optimize learning and care delivery — PBLI1



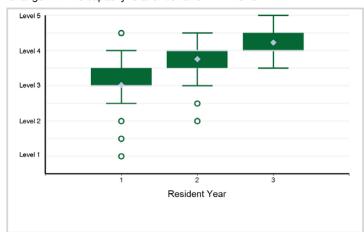
16. Professionalism - Self-awareness of one's own knowledge, skill, and emotional limitations that leads ...



17. Professionalism - The capacity to accept that ambiguity is part of clinical medicine and to recognize  $\dots$ 

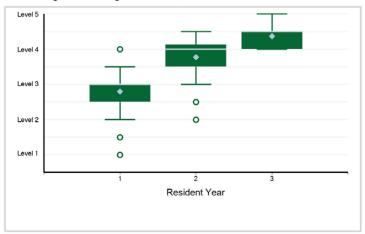


18. Professionalism - Practice flexibility and maturity in adjusting to change with the capacity to alter behavior — PROF3

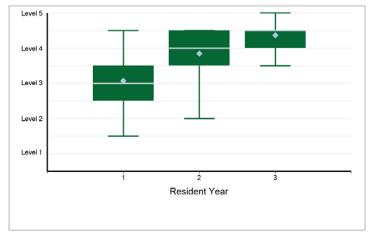


### SUBSPECIALTY: Pediatric Emergency Medicine (multidisciplinary, Emergency Medicine)

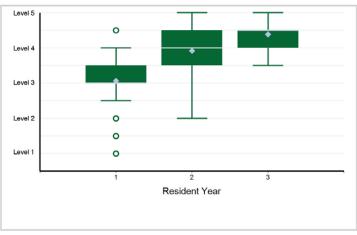
19. Professionalism - Provide leadership skills that enhance team functioning, the learning environment, ...



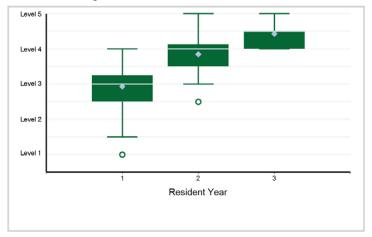
20. Professionalism - Demonstrate self-confidence that puts patients, families, and members of the health care team at ease ...



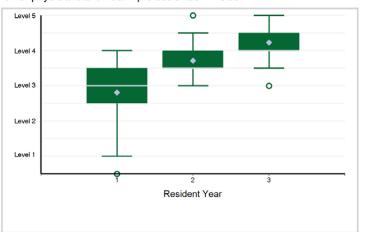
21. Interpersonal and Communication Skills - Communicate effectively with patients, families, and the public,  $\dots$ 



22. Interpersonal and Communication Skills - Demonstrate the insight and understanding into emotion and ...



23. Interpersonal and Communication Skills - Act in a consultative role to other physicians and health professionals — ICS3  $\,$ 

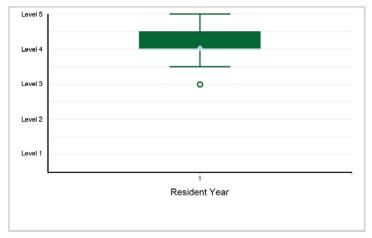


### TABLE 21: SUBSPECIALTY: Sports Medicine (multidisciplinary, Emergency Medicine)

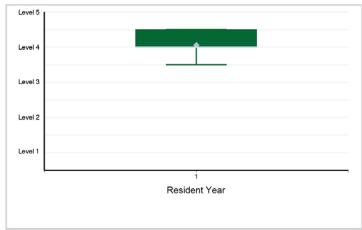
Resident Year	1	Total Residents*
# of Residents	18	18

<sup>\*</sup>Note: There are 1 residents with an incomplete milestone evaluation that are excluded from the box plots below.

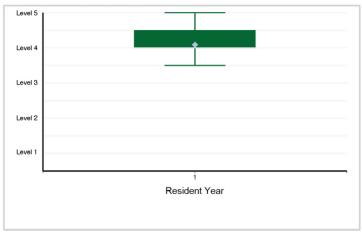
## 1. Patient Care - History and Physical Examination: Medical and Musculoskeletal — Patient Care 1



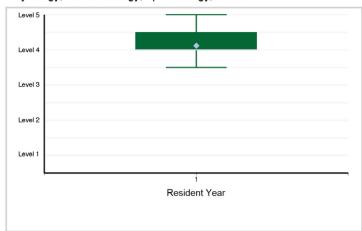
## 2. Patient Care - Medical Management: Differential Diagnosis, Diagnostic Testing, Interpretation of Data ...



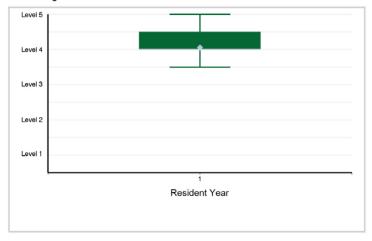
# 3. Patient Care - Team Coverage and Athletic Care: Coverage of Sporting Events, Pre-participation Physical ...



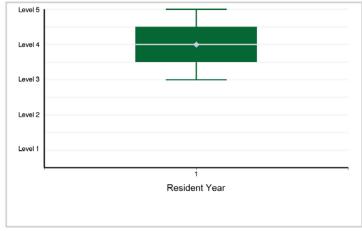
 Medical Knowledge - Science of Sports Medicine, including Anatomy, Physiology, Cellular Biology, Epidemiology, ...



#### Medical Knowledge - Medical Issues in Sports Medicine — Medical Knowledge 2

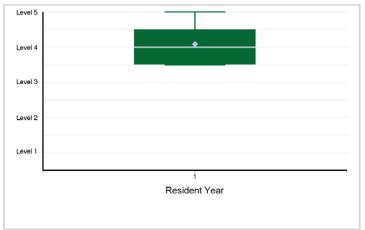


 Medical Knowledge - Musculoskeletal Issues in Sports Medicine — Medical Knowledge 3

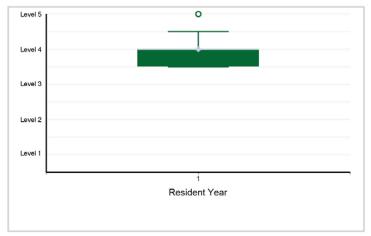


### **SUBSPECIALTY: Sports Medicine (multidisciplinary, Emergency Medicine)**

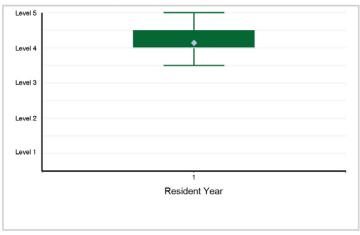
7. Systems-Based Practice - Working with Interprofessional Teams (consultants, certified athletic trainers ...



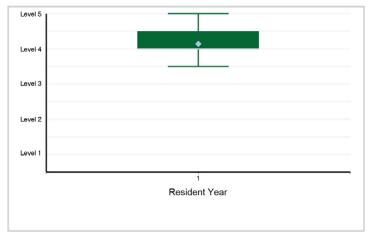
8. Systems-Based Practice - Systems Thinking — Systems-Based Practice 2



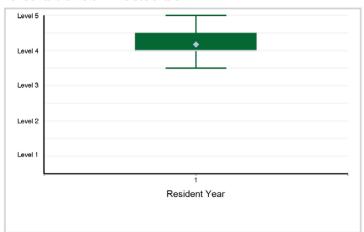
9. Practice-Based Learning and Improvement - Self-directed Learning — Practice-Based Learning and Improvement ...



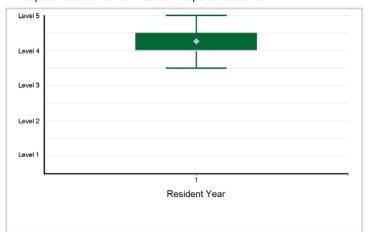
 Practice-Based Learning and Improvement - Locate, Appraise, and Assimilate Evidence from Scientific ...



11. Professionalism - Compassion, Integrity, Accountability, and Respect for Self and Others — Professionalism 1

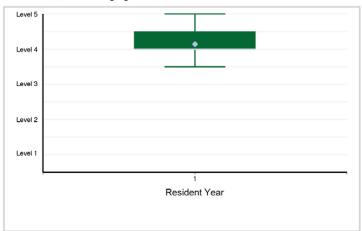


12. Professionalism - Knowledge about and Adherence to the Ethical Principles Relevant to the Practice of Sports Medicine — ...

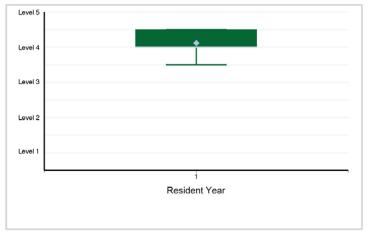


### **SUBSPECIALTY:** Sports Medicine (multidisciplinary, Emergency Medicine)

13. Interpersonal and Communication Skills - Relationship Development, Teamwork, and Managing Conflict — ...



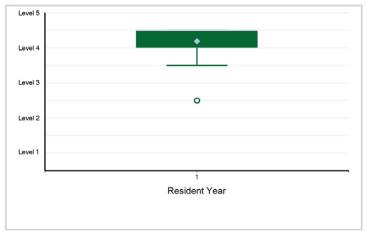
14. Interpersonal and Communication Skills - Information Sharing, Gathering, and Technology — Interpersonal ...



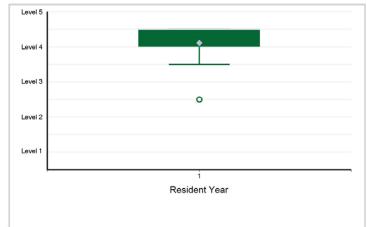
### TABLE 22: SUBSPECIALTY: Undersea and Hyperbaric Medicine (multidisciplinary, Emergency Medicine)

Resident Year	1	Total Residents
# of Residents	13	13

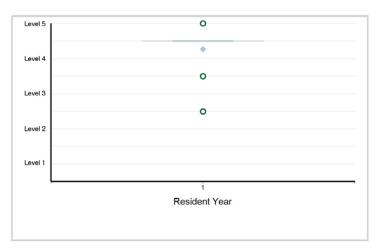
1. Patient Care - Fitness to Dive (Divers and Attendants) - Patient Care



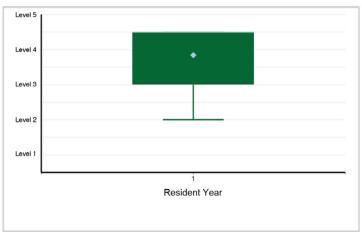
2. Patient Care - Dysbarism and Decompression Illness - Patient Care



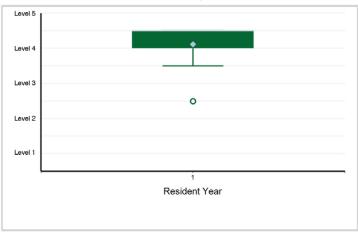
3. Patient Care - Hyperbaric Chamber Operations - Patient Care



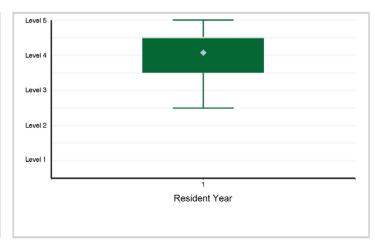
4. Patient Care - Diving Medicine - Patient Care



5. Medical Knowledge - Physics and Physiology of Hyperbaric and Hypobaric Exposures – Medical Knowledge



6. Medical Knowledge - Fitness to Dive - Medical Knowledge

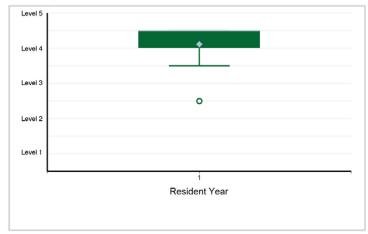


#### SUBSPECIALTY: Undersea and Hyperbaric Medicine (multidisciplinary, Emergency Medicine)

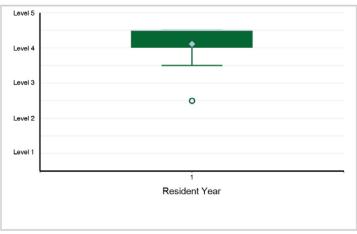
# 7. Medical Knowledge - Indications for Hyperbaric Oxygen Therapy – Medical Knowledge



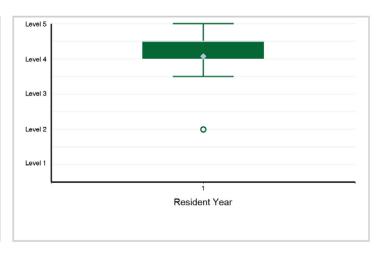
## 8. Medical Knowledge - Dysbarism and Decompression Illness - Medical Knowledge



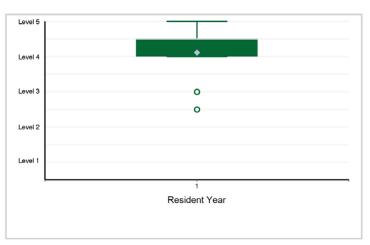
# 9. Medical Knowledge - Hyperbaric Chamber Operations - Medical Knowledge



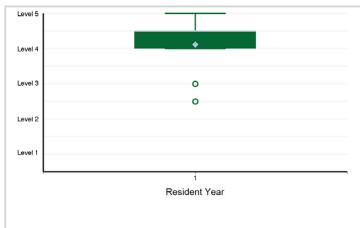
10. Medical Knowledge - Diving Medicine - Medical Knowledge



11. Systems-Based Practice - Patient Safety - Systems-Based Practice

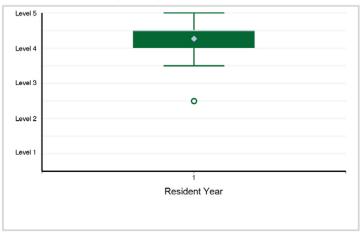


12. Systems-Based Practice - Systems-based Management – Systems-Based Practice



### SUBSPECIALTY: Undersea and Hyperbaric Medicine (multidisciplinary, Emergency Medicine)

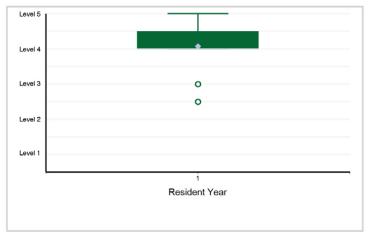
# 13. Practice-Based Learning and Improvement - Self-directed Learning - Practice-Based Learning and Improvement



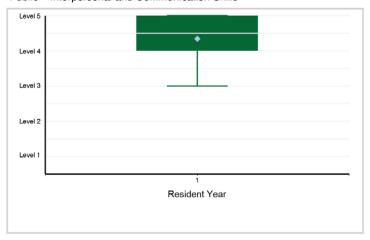
#### 14. Professionalism - Professional Values - Professionalism



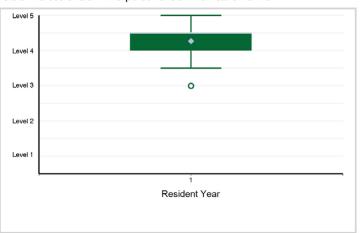
## 15. Professionalism - Accountability to Patients, Society, Profession, and Self - Professionalism



16. Interpersonal and Communication Skills - Patients, Families, and Public - Interpersonal and Communication Skills



## 17. Interpersonal and Communication Skills - Communication with Health Care Professionals - Interpersonal Communication Skills

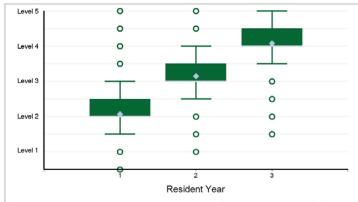


#### TABLE 23: SPECIALTY: Family Medicine

Resident Year	1	2	3	Total Residents*
# of Residents	4,962	4,810	4,573	14,345

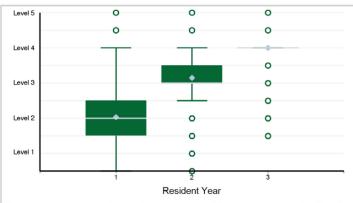
<sup>\*</sup>Note: There are 30 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### 1. Patient Care - Patient Care 1: Care of the Acutely III Patient



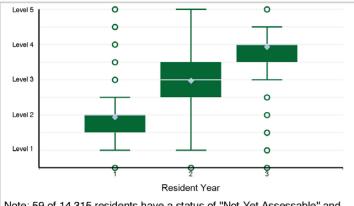
Note: 10 of 14,315 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Health Promotion and Wellness



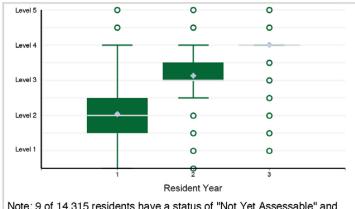
Note: 11 of 14,315 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 5. Patient Care - Patient Care 5: Management of Procedural Care



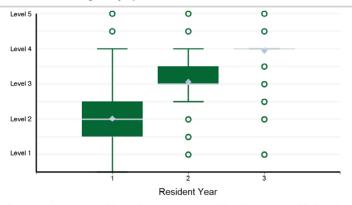
Note: 59 of 14,315 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 2. Patient Care - Patient Care 2: Care of Patients with Chronic Illness



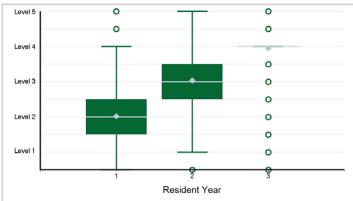
Note: 9 of 14,315 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 4. Patient Care - Patient Care 4: Ongoing Care of Patients with Undifferentiated Signs, Symptoms, or Health Concerns



Note: 11 of 14,315 residents have a status of "Not Yet Assessable" and are not included in the analysis.

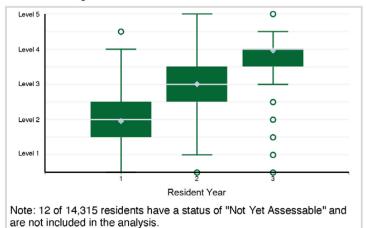
## 6. Medical Knowledge - Medical Knowledge 1: Demonstrates Medical Knowledge of Sufficient Breadth and Depth ...



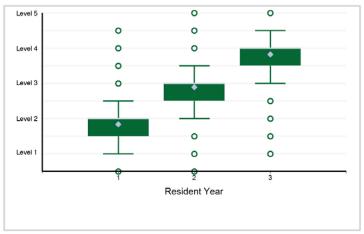
Note: 13 of 14,315 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### SPECIALTY: Family Medicine

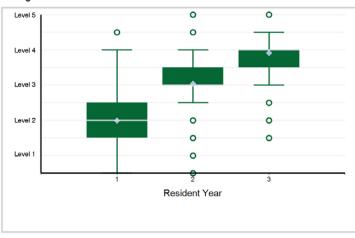
# 7. Medical Knowledge - Medical Knowledge 2: Critical Thinking and Decision Making



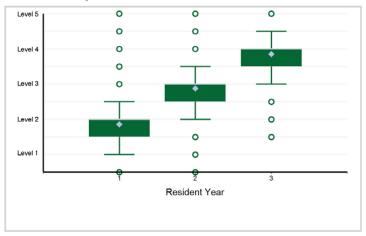
# 8. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



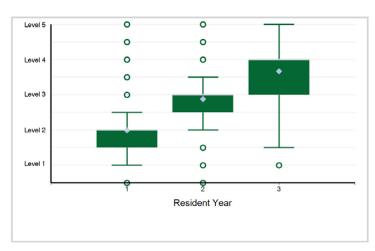
## 9. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



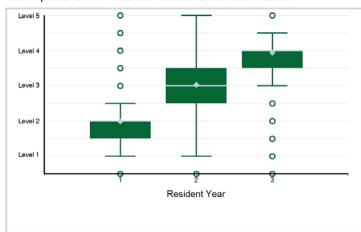
 Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



#### 11. Systems-Based Practice - Systems-Based Practice 4: Advocacy

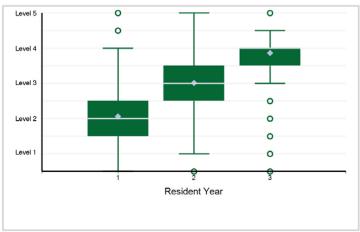


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice

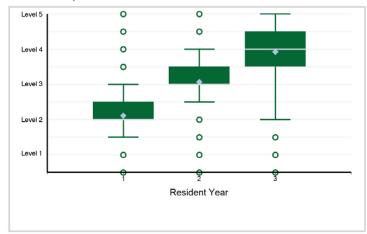


#### SPECIALTY: Family Medicine

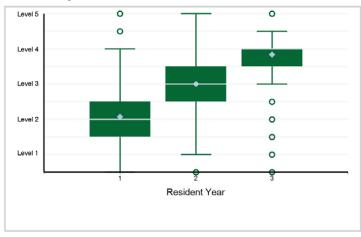
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



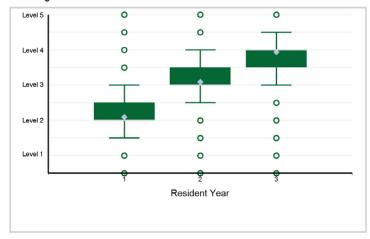
14. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



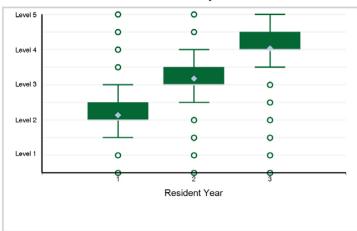
15. Professionalism - Professionalism 2: Accountability/Conscientiousness



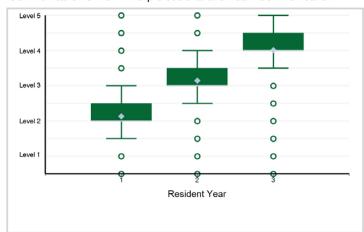
16. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking Behaviors



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

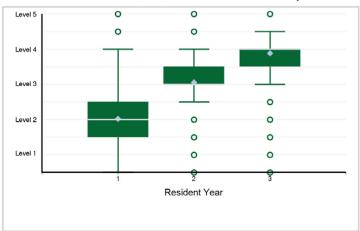


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



### **SPECIALTY: Family Medicine**

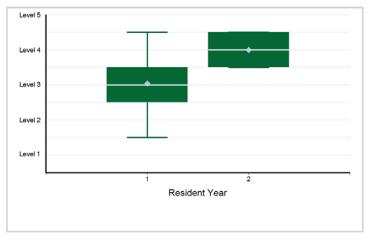
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



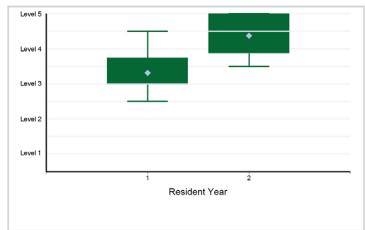
### TABLE 24: SUBSPECIALTY: Clinical Informatics (multidisciplinary, Family Medicine)

Resident Year	1	2	Total Residents
# of Residents	11	8	19

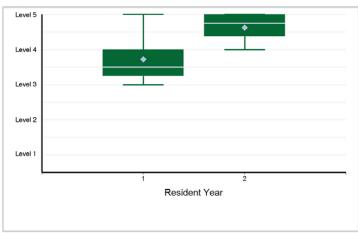
#### 1. Patient Care - Patient Care 1: Technology Assessment



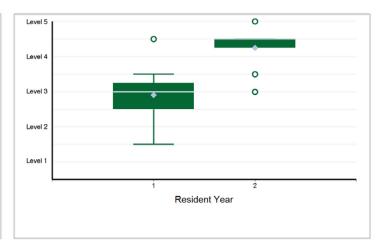
#### 2. Patient Care - Patient Care 2: Clinical Decision Support Systems



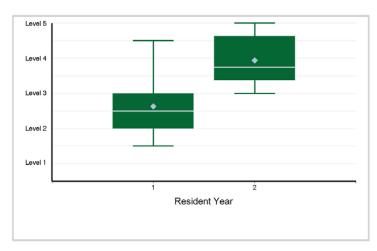
# 3. Patient Care - Patient Care 3: Impact of Clinical Informatics on Patient Care



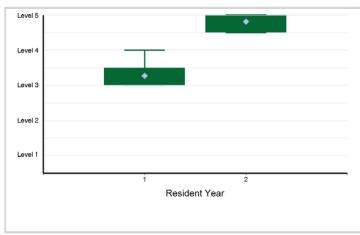
4. Patient Care - Patient Care 4: Project Management



#### 5. Patient Care - Patient Care 5: Information System Lifecycle

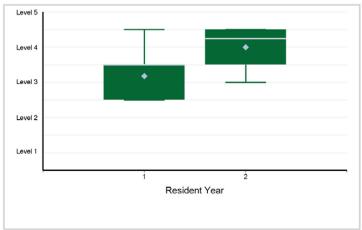


6. Patient Care - Patient Care 6: Assessing User Needs

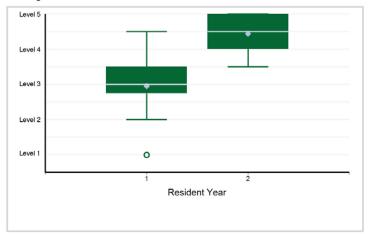


### SUBSPECIALTY: Clinical Informatics (multidisciplinary, Family Medicine)

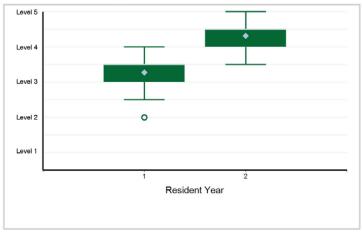
# 7. Medical Knowledge - Medical Knowledge 1: Clinical Informatics Fundamentals and Programming



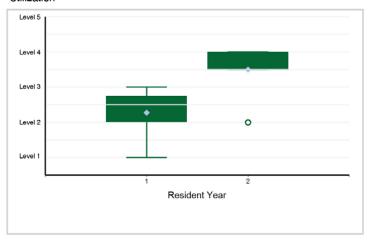
# 8. Medical Knowledge - Medical Knowledge 2: Leadership and Change Management



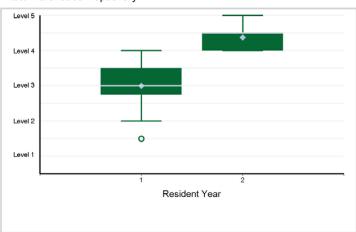
# 9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Unintended Consequences



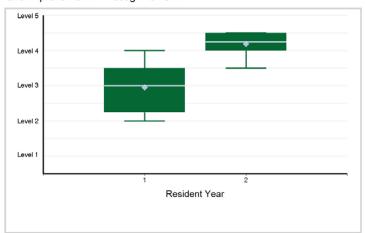
10. Systems-Based Practice - Systems-Based Practice 2: Resource Utilization



# 11. Systems-Based Practice - Systems-Based Practice 3: Workflow and Data Warehouse/Repository

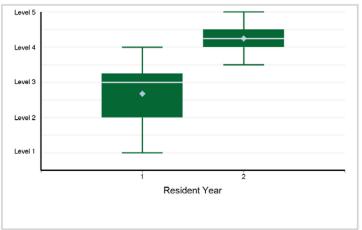


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Recognition of ...

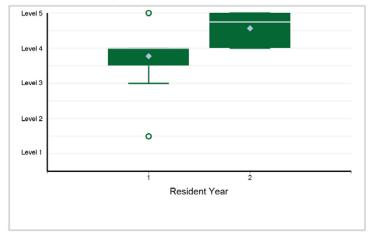


#### SUBSPECIALTY: Clinical Informatics (multidisciplinary, Family Medicine)

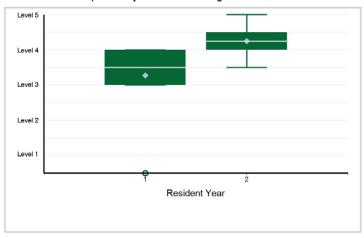
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Scholarly Activity ...



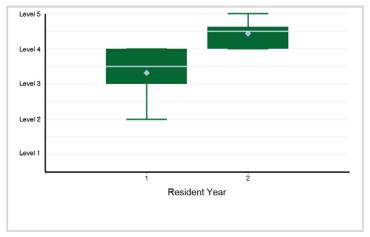
14. Professionalism - Professionalism 1: Professionalism — Demonstrates honesty, integrity, and ethical behavior



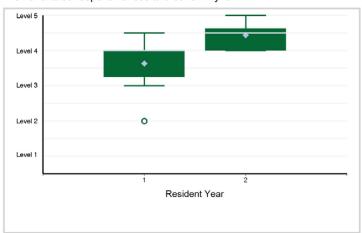
 Professionalism - Professionalism 2: Professionalism — Demonstrates responsibility and follow-through on tasks



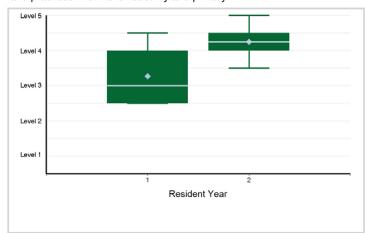
16. Professionalism - Professionalism 3: Professionalism — Gives and receives feedback



17. Professionalism - Professionalism 4: Professionalism — Demonstrates responsiveness and sensitivity to ...

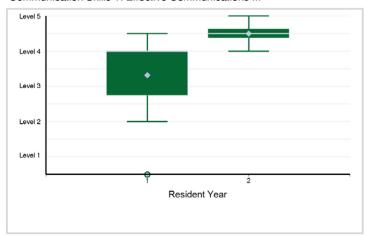


 Professionalism - Professionalism 5: Professionalism — Understands and practices information security and privacy

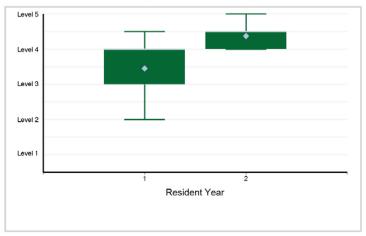


### SUBSPECIALTY: Clinical Informatics (multidisciplinary, Family Medicine)

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Effective Communications ...



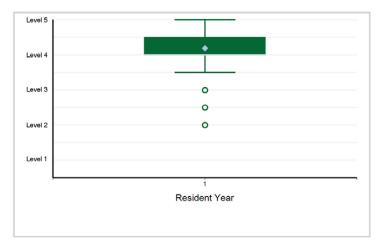
20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Communication with Patients and Families



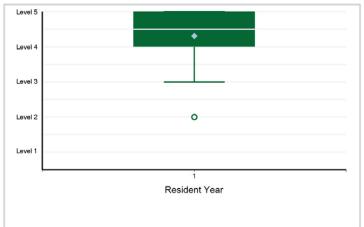
### TABLE 25: SUBSPECIALTY: Geriatric Medicine (multidisciplinary, Family Medicine)

Resident Year	1	Total Residents
# of Residents	50	50

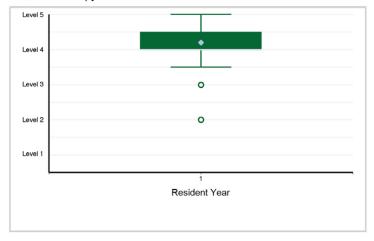
#### 1. Patient Care - Patient Care 1: Comprehensive Geriatric Assessment



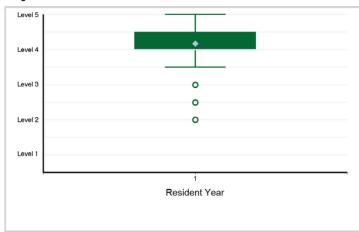
#### 2. Patient Care - Patient Care 2: Patient and Family/Caregiver Support



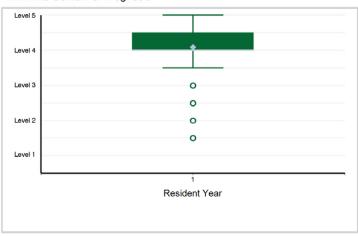
# 3. Patient Care - Patient Care 3: Assessing and Optimizing of Pharmacotherapy



4. Patient Care - Patient Care 4: Assessing and Optimizing Physical and Cognitive Function



# 5. Patient Care - Patient Care 5: Framing Clinical Management Decisions within the Context of Prognosis

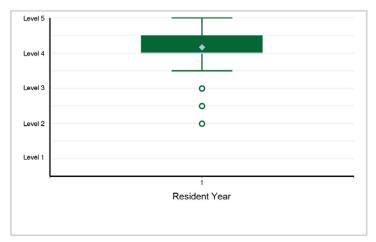


#### 6. Patient Care - Patient Care 6: Consultative Care

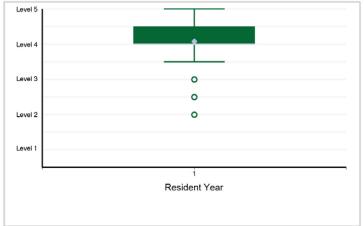


### SUBSPECIALTY: Geriatric Medicine (multidisciplinary, Family Medicine)

7. Medical Knowledge - Medical Knowledge 1: Geriatric Syndromes



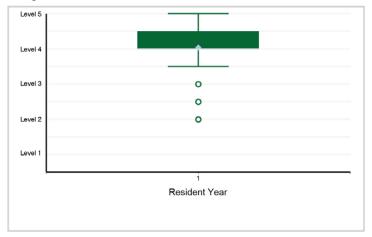
8. Medical Knowledge - Medical Knowledge 2: Principles of Aging



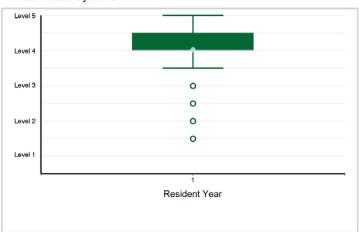
9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



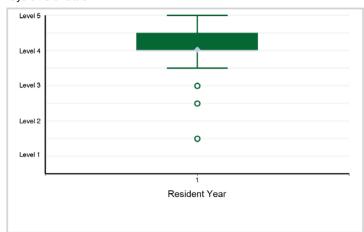
10. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



11. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems

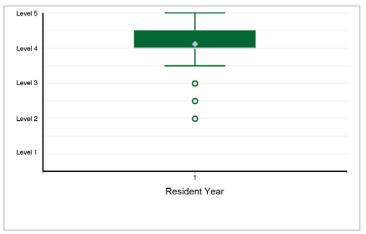


12. Systems-Based Practice - Systems-Based Practice 4: Models and Systems of Care

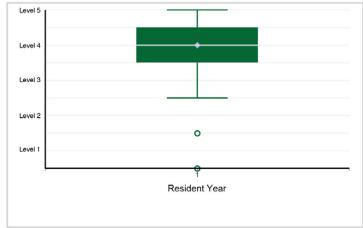


### **SUBSPECIALTY: Geriatric Medicine (multidisciplinary, Family Medicine)**

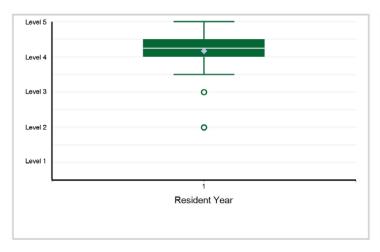
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



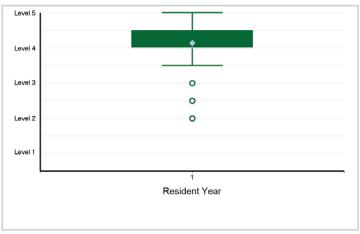
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



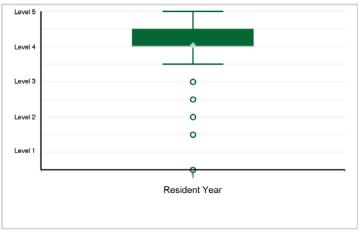
15. Professionalism - Professionalism 1: Professional Behavior



16. Professionalism - Professionalism 2: Ethical Principles



17. Professionalism - Professionalism 3: Accountability/Conscientiousness

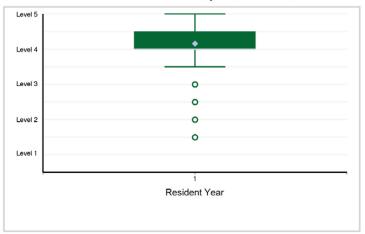


18. Professionalism - Professionalism 4: Well-Being

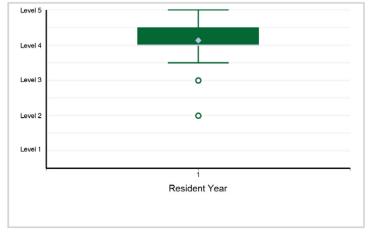


### SUBSPECIALTY: Geriatric Medicine (multidisciplinary, Family Medicine)

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



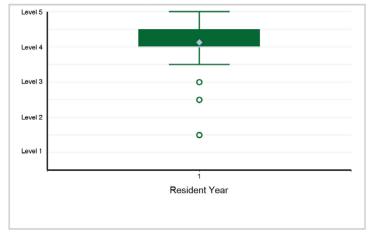
20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



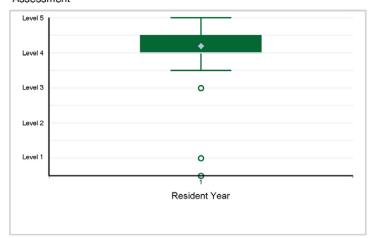
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Complex Communication around Serious ...



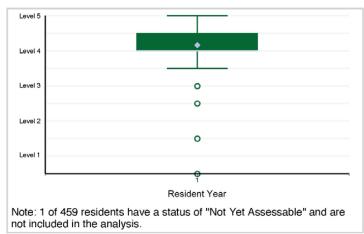
#### TABLE 26: SUBSPECIALTY: Hospice and Palliative Medicine (multidisciplinary, Family Medicine)

Resident Year	1	Total Residents
# of Residents	459	459

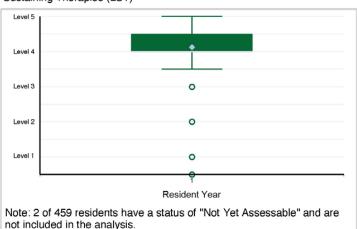
## 1. Patient Care - Patient Care 1: Comprehensive Whole Patient Assessment



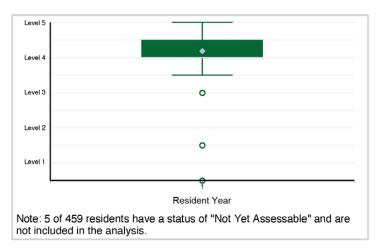
#### 2. Patient Care - Patient Care 2: Addressing Suffering and Distress



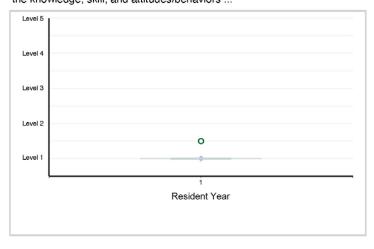
# 3. Patient Care - Patient Care 3: Withholding and/or Withdrawal of Life-Sustaining Therapies (LST)



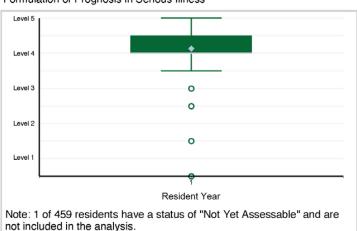
4. Patient Care - Patient Care 4: Care of the Imminently Dying



5. Patient Care - The fellow is demonstrating satisfactory development of the knowledge, skill, and attitudes/behaviors ...

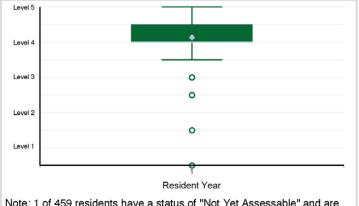


Medical Knowledge - Medical Knowledge 1: Disease Trajectories and Formulation of Prognosis in Serious Illness



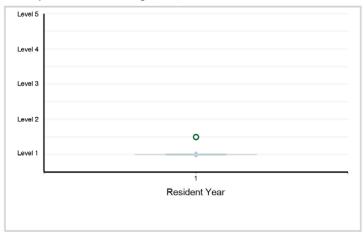
### SUBSPECIALTY: Hospice and Palliative Medicine (multidisciplinary, Family Medicine)

#### Medical Knowledge - Medical Knowledge 2: Palliative Management of Pain Symptoms

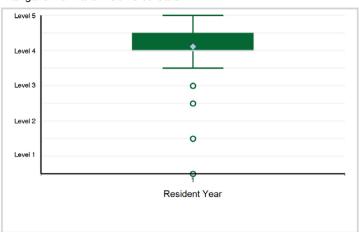


Note: 1 of 459 residents have a status of "Not Yet Assessable" and are not included in the analysis.

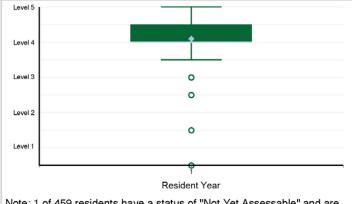
# 9. Medical Knowledge - The fellow is demonstrating satisfactory development of the knowledge, skill, and $\dots$



# 11. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care

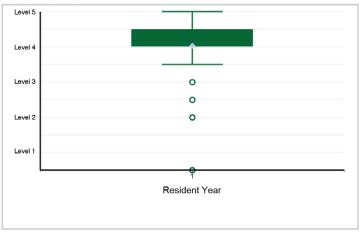


## 8. Medical Knowledge - Medical Knowledge 3: Palliative Management of Non-Pain Symptoms

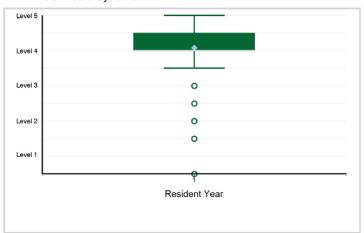


Note: 1 of 459 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement

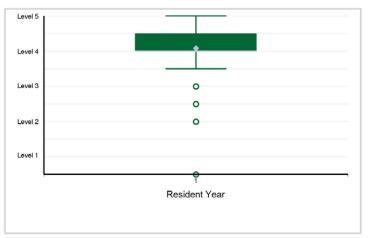


## 12. Systems-Based Practice - Systems-Based Practice 3: Physician Role within Health Care Systems

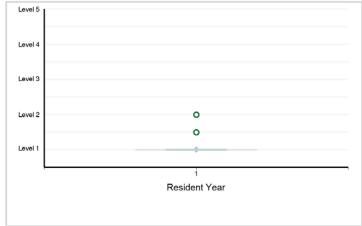


### SUBSPECIALTY: Hospice and Palliative Medicine (multidisciplinary, Family Medicine)

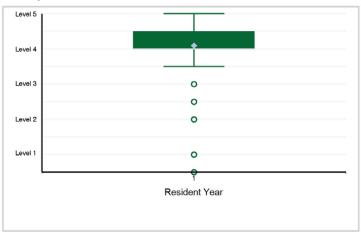
13. Systems-Based Practice - Systems-Based Practice 4: Hospice



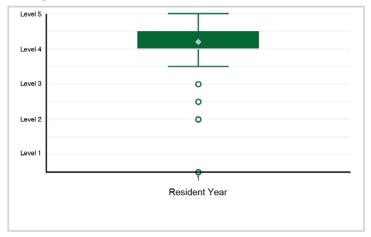
14. Systems-Based Practice - The fellow is demonstrating satisfactory development of the knowledge, skill, ...



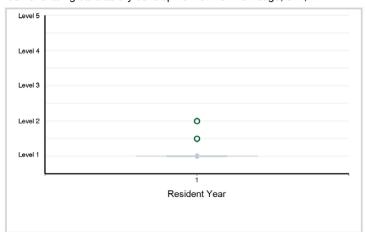
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



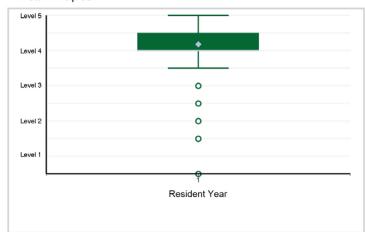
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



17. Practice-Based Learning and Improvement - The fellow is demonstrating satisfactory development of the knowledge, skill, ...

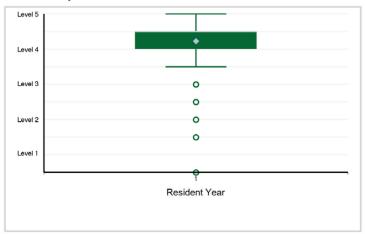


18. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

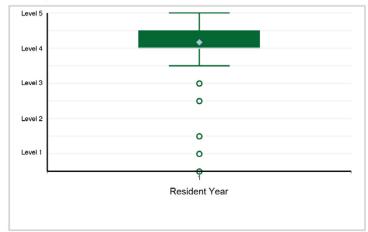


### SUBSPECIALTY: Hospice and Palliative Medicine (multidisciplinary, Family Medicine)

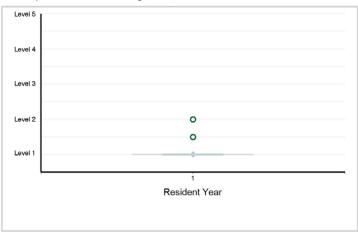
# Professionalism - Professionalism 2: Accountability/Conscientiousness



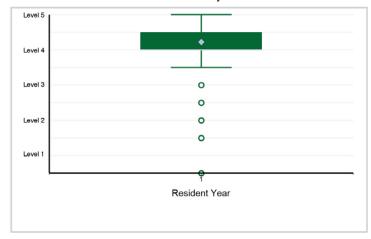
20. Professionalism - Professionalism 3: Self-Awareness and Help Seeking



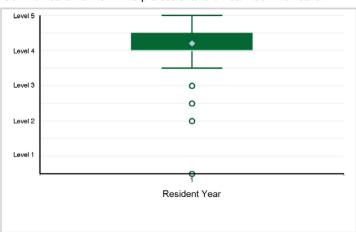
21. Professionalism - The fellow is demonstrating satisfactory development of the knowledge, skill, and attitudes/behaviors ...



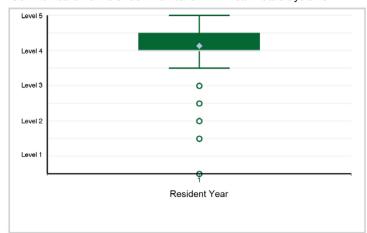
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication

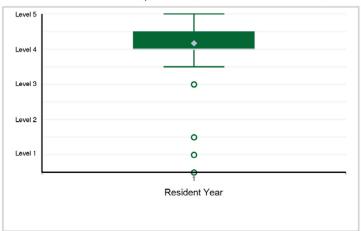


24. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication with Health Care Systems



## SUBSPECIALTY: Hospice and Palliative Medicine (multidisciplinary, Family Medicine)

25. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Complex Communication Around Serious ...



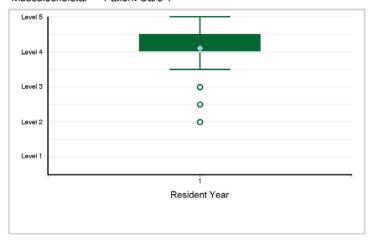
26. Interpersonal and Communication Skills - The fellow is demonstrating satisfactory development of the ...



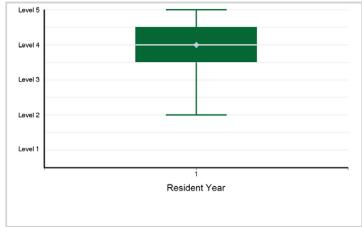
### TABLE 27: SUBSPECIALTY: Sports Medicine (multidisciplinary, Family Medicine)

Resident Year	1	Total Residents
# of Residents	284	284

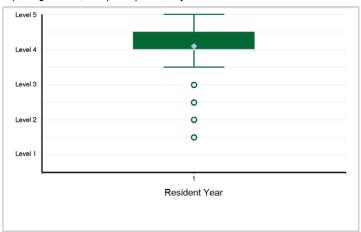
# 1. Patient Care - History and Physical Examination: Medical and Musculoskeletal — Patient Care 1



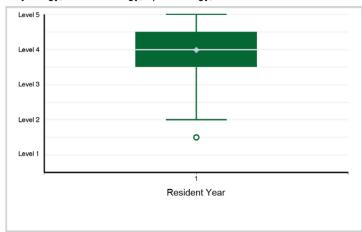
2. Patient Care - Medical Management: Differential Diagnosis, Diagnostic Testing, Interpretation of Data  $\dots$ 



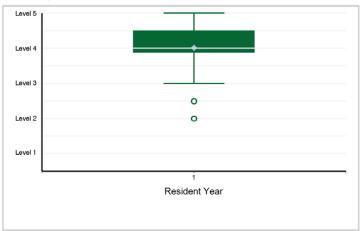
3. Patient Care - Team Coverage and Athletic Care: Coverage of Sporting Events, Pre-participation Physical ...



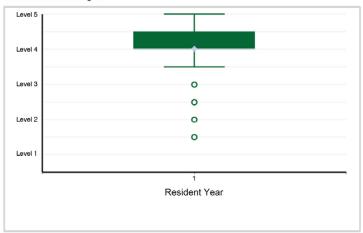
 Medical Knowledge - Science of Sports Medicine, including Anatomy, Physiology, Cellular Biology, Epidemiology, ...



# 5. Medical Knowledge - Medical Issues in Sports Medicine — Medical Knowledge 2

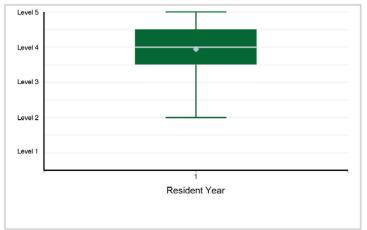


 Medical Knowledge - Musculoskeletal Issues in Sports Medicine — Medical Knowledge 3

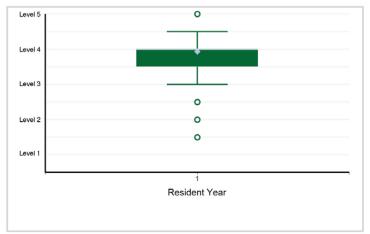


### SUBSPECIALTY: Sports Medicine (multidisciplinary, Family Medicine)

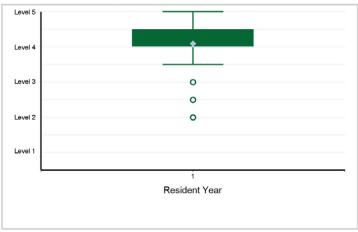
7. Systems-Based Practice - Working with Interprofessional Teams (consultants, certified athletic trainers  $\dots$ 



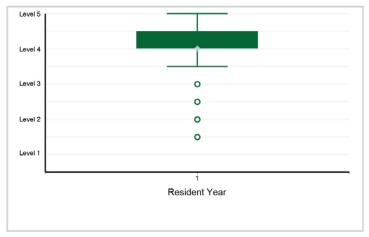
8. Systems-Based Practice - Systems Thinking — Systems-Based Practice 2



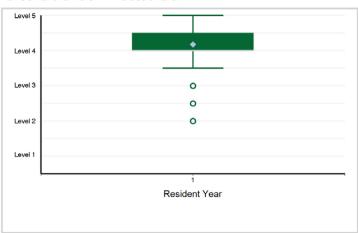
 Practice-Based Learning and Improvement - Self-directed Learning — Practice-Based Learning and Improvement ...



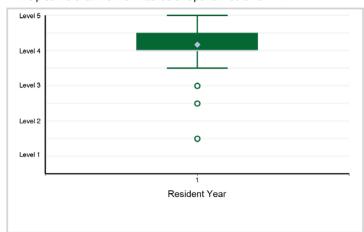
10. Practice-Based Learning and Improvement - Locate, Appraise, and Assimilate Evidence from Scientific ...



11. Professionalism - Compassion, Integrity, Accountability, and Respect for Self and Others — Professionalism 1

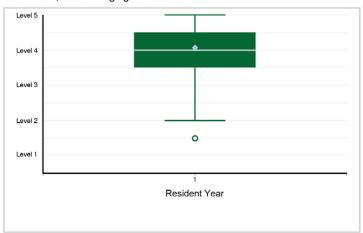


12. Professionalism - Knowledge about and Adherence to the Ethical Principles Relevant to the Practice of Sports Medicine —  $\dots$ 

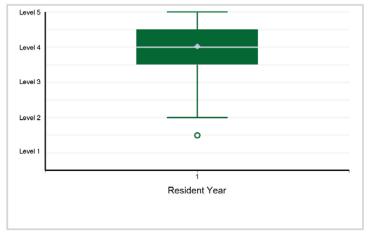


## SUBSPECIALTY: Sports Medicine (multidisciplinary, Family Medicine)

13. Interpersonal and Communication Skills - Relationship Development, Teamwork, and Managing Conflict — ...



14. Interpersonal and Communication Skills - Information Sharing, Gathering, and Technology — Interpersonal ...

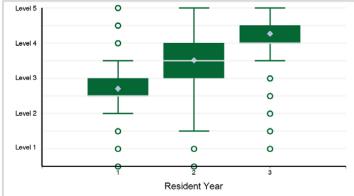


### TABLE 28: SPECIALTY: Internal Medicine

Resident Year	1	2	3	Total Residents*
# of Residents	12,090	9,722	9,236	31,048

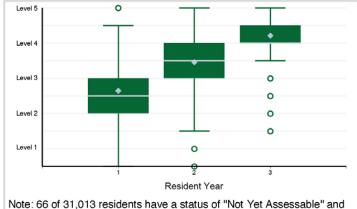
<sup>\*</sup>Note: There are 35 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### 1. Patient Care - Patient Care 1: History



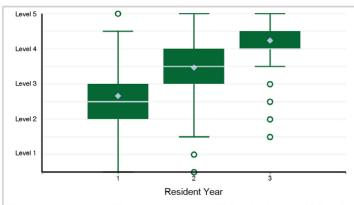
Note: 44 of 31,013 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 2. Patient Care - Patient Care 2: Physical Examination



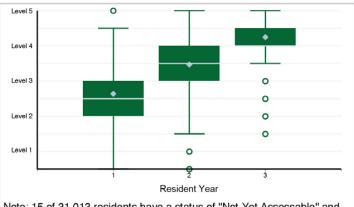
Note: 66 of 31,013 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Clinical Reasoning



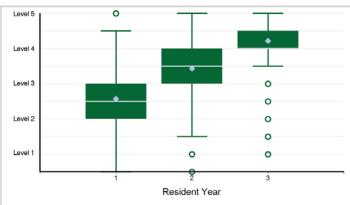
Note: 14 of 31,013 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 4. Patient Care - Patient Care 4: Patient Management - Inpatient



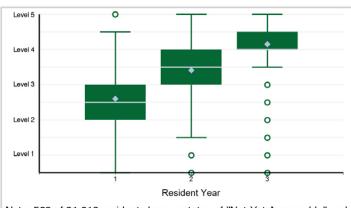
Note: 15 of 31,013 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### 5. Patient Care - Patient Care 5: Patient Management - Outpatient



Note: 513 of 31,013 residents have a status of "Not Yet Assessable" and are not included in the analysis.

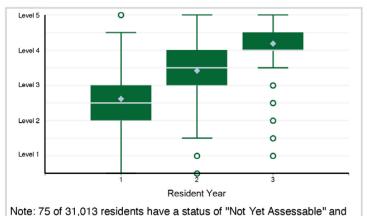
#### 6. Patient Care - Patient Care 6: Digital Health



Note: 562 of 31,013 residents have a status of "Not Yet Assessable" and are not included in the analysis.

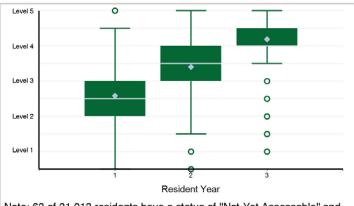
### SPECIALTY: Internal Medicine

#### 7. Medical Knowledge - Medical Knowledge 1: Applied Foundational Sciences



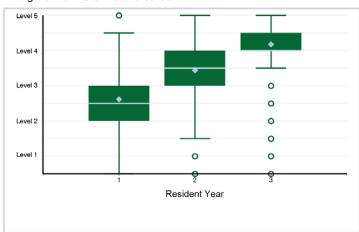
# are not included in the analysis.

#### 9. Medical Knowledge - Medical Knowledge 3: Knowledge of Diagnostic Testing

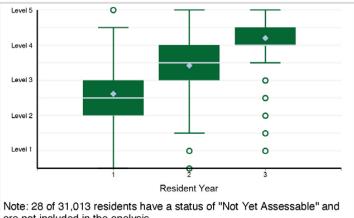


Note: 63 of 31,013 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 11. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care

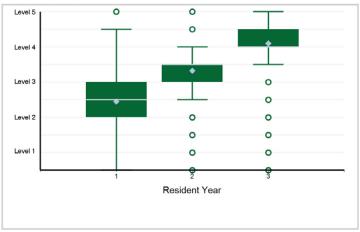


#### 8. Medical Knowledge - Medical Knowledge 2: Therapeutic Knowledge

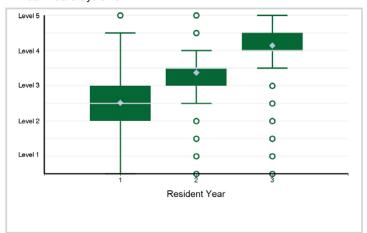


are not included in the analysis.

#### 10. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement

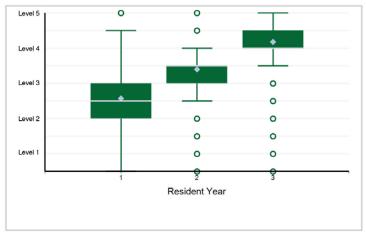


#### 12. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems

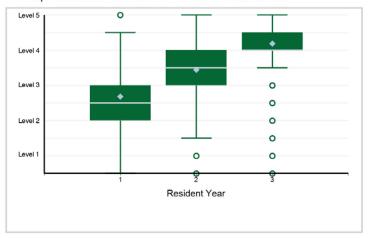


### SPECIALTY: Internal Medicine

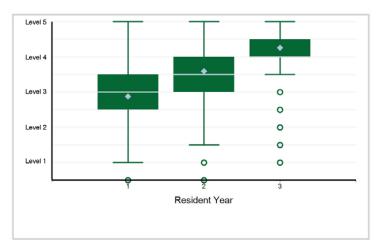
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



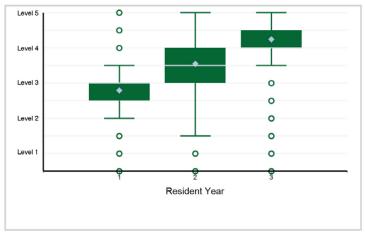
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



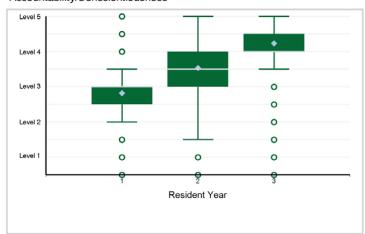
15. Professionalism - Professionalism 1: Professional Behavior



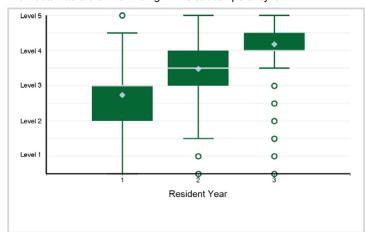
16. Professionalism - Professionalism 2: Ethical Principles



17. Professionalism - Professionalism 3: Accountability/Conscientiousness

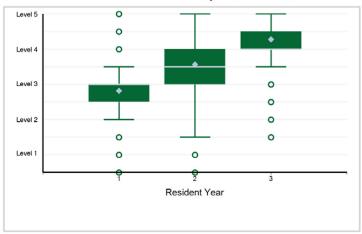


18. Professionalism - Professionalism 4: Knowledge of Systemic and Individual Factors of Well-Being\* \*This subcompetency is ...

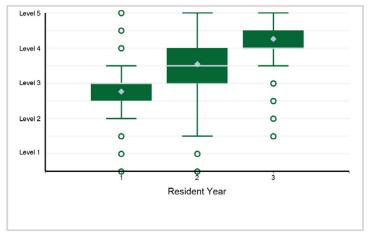


### SPECIALTY: Internal Medicine

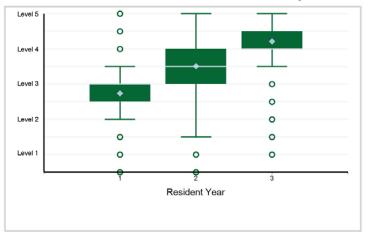
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



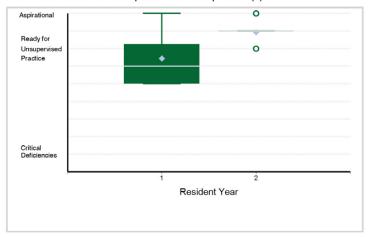
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



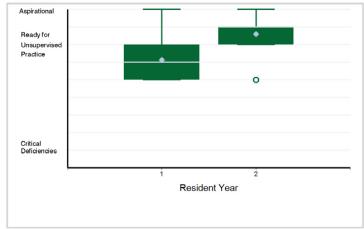
### TABLE 29: SUBSPECIALTY: Adult Congenital Heart Disease

Resident Year	1	2	Total Residents
# of Residents	17	17	34

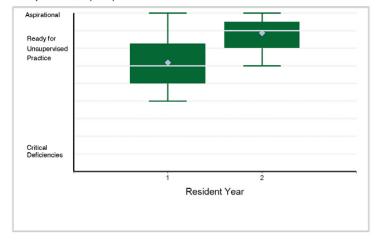
# 1. Patient Care - Gathers and synthesizes essential and accurate information to define each patient's clinical problem(s). ...



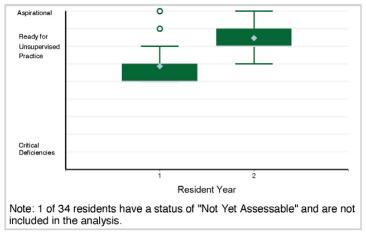
# 2. Patient Care - Develops and achieves comprehensive management plan for each patient. (PC2)



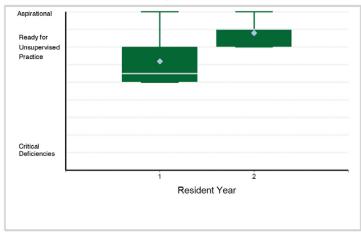
# 3. Patient Care - Manages patients with progressive responsibility and independence. (PC3)



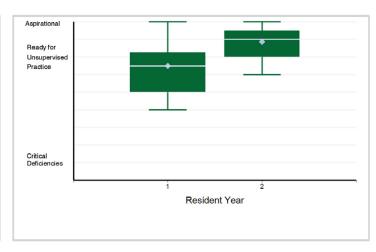
# 4. Patient Care - Demonstrates skill in performing and interpreting invasive procedures. (PC4a)



# 5. Patient Care - Demonstrates skill in performing and interpreting non-invasive procedures and/or testing. (PC4b)

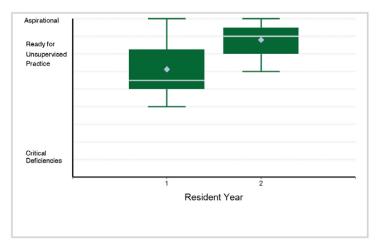


### 6. Patient Care - Requests and provides consultative care. (PC5)

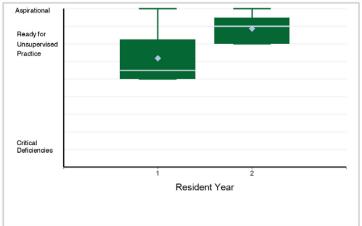


### SUBSPECIALTY: Adult Congenital Heart Disease

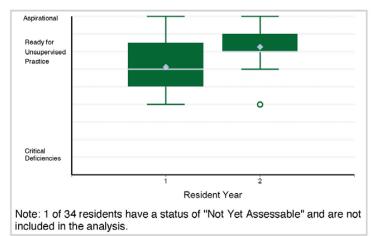
7. Medical Knowledge - Possesses Clinical knowledge (MK1)



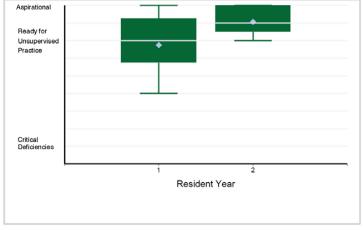
8. Medical Knowledge - Knowledge of diagnostic testing and procedures. (MK2)



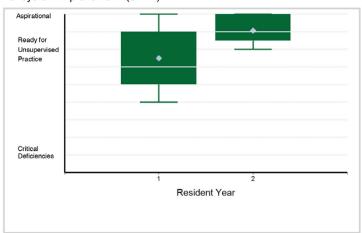
9. Medical Knowledge - Scholarship. (MK3)



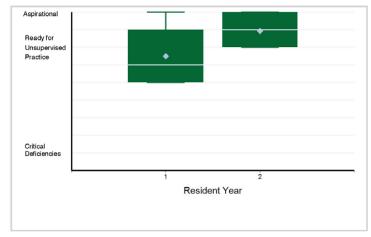
10. Systems-Based Practice - Works effectively within an interprofessional team (e.g., with peers, consultants, ...



11. Systems-Based Practice - Recognizes system error and advocates for system improvement. (SBP2)

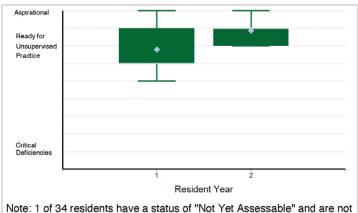


12. Systems-Based Practice - Identifies forces that impact the cost of health care, and advocates for and ...

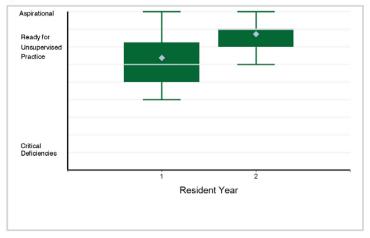


### SUBSPECIALTY: Adult Congenital Heart Disease

 Systems-Based Practice - Transitions patients effectively within and across health delivery systems. (SBP4)

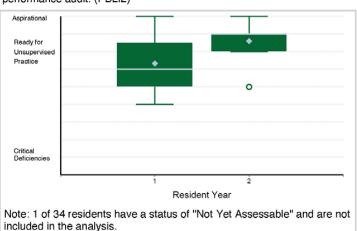


 Practice-Based Learning and Improvement - Monitors practice with a goal for improvement. (PBLI1)

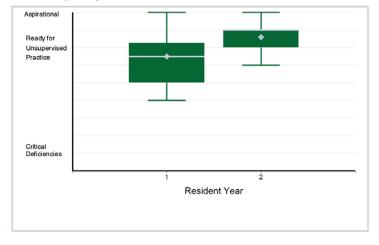


15. Practice-Based Learning and Improvement - Learns and improves via performance audit. (PBLI2)

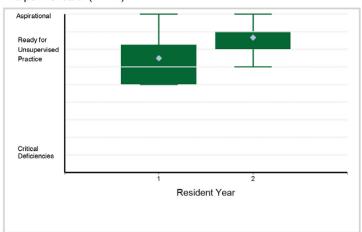
included in the analysis.



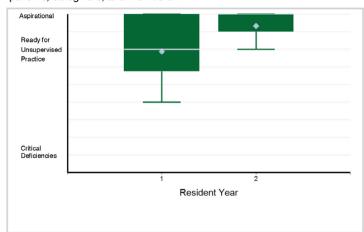
 Practice-Based Learning and Improvement - Learns and improves via feedback. (PBLI3)



17. Practice-Based Learning and Improvement - Learns and improves at the point of care. (PBLI4)

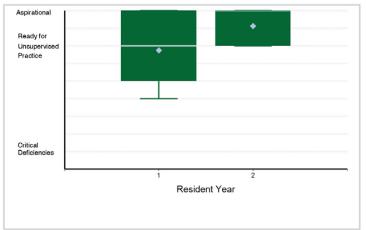


18. Professionalism - Has professional and respectful interactions with patients, caregivers, and members  $\dots$ 

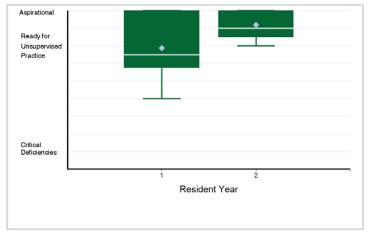


### SUBSPECIALTY: Adult Congenital Heart Disease

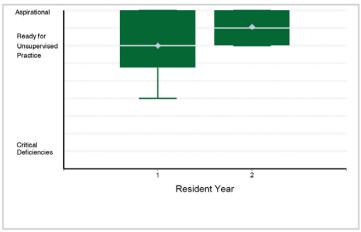
 Professionalism - Accepts responsibility and follows through on tasks. (PROF2)



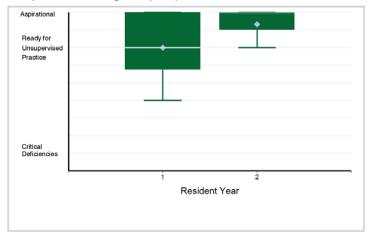
 Professionalism - Responds to each patient's unique characteristics and needs. (PROF3)



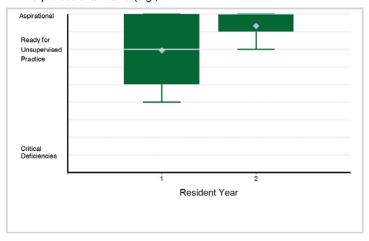
21. Professionalism - Exhibits integrity and ethical behavior in professional conduct. (PROF4)



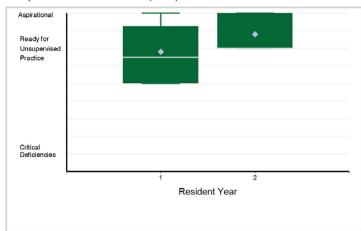
22. Interpersonal and Communication Skills - Communicates effectively with patients and caregivers. (ICS1)



23. Interpersonal and Communication Skills - Communicates effectively in interprofessional teams (e.g.,  $\dots$ 



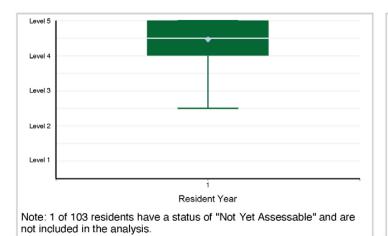
24. Interpersonal and Communication Skills - Appropriate utilization and completion of health records. (ICS3)



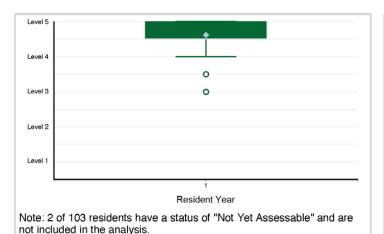
### TABLE 30: SUBSPECIALTY: Advanced Heart Failure and Transplant Cardiology

Resident Year	1	Total Residents
# of Residents	103	103

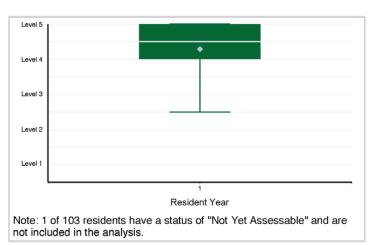
#### 1. Patient Care - Patient Care 1: Transplant



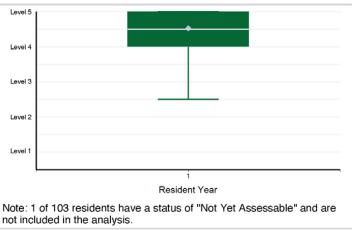
#### 3. Patient Care - Patient Care 3: Acutely Decompensated Heart Failure



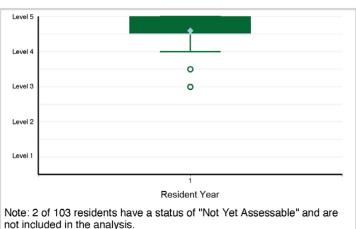
### 5. Patient Care - Patient Care 5: Pulmonary Hypertension



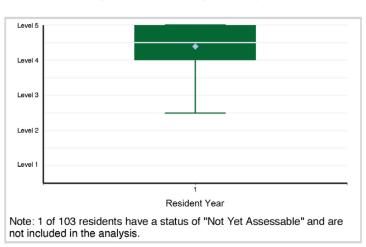
# 2. Patient Care - Patient Care 2: Mechanical Circulatory Support (Temporary and Durable)



#### 4. Patient Care - Patient Care 4: Management of Chronic Heart Failure

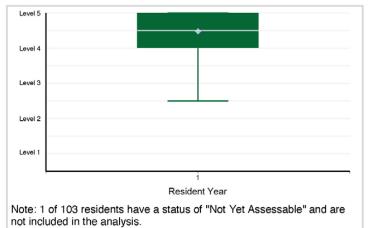


## 6. Medical Knowledge - Medical Knowledge 1: Transplant

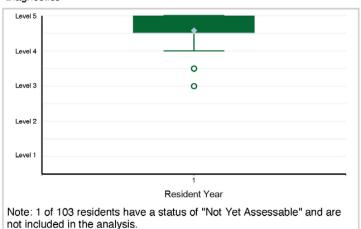


### SUBSPECIALTY: Advanced Heart Failure and Transplant Cardiology

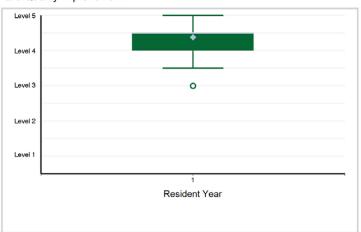
#### 7. Medical Knowledge - Medical Knowledge 2: Mechanical Circulatory Support



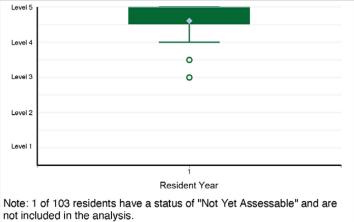
#### 9. Medical Knowledge - Medical Knowledge 4: Advanced Heart Failure Diagnostics



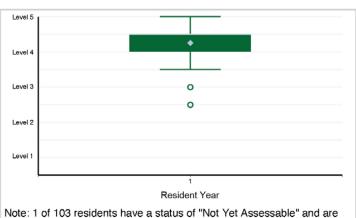
#### 11. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



#### 8. Medical Knowledge - Medical Knowledge 3: Heart Failure

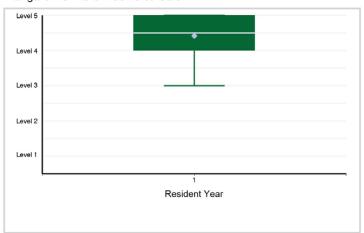


#### 10. Medical Knowledge - Medical Knowledge 5: Pulmonary Hypertension



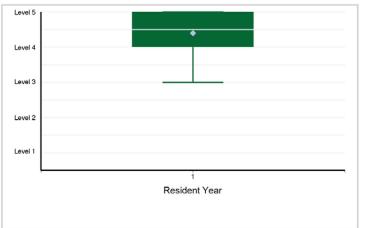
Note: 1 of 103 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 12. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care

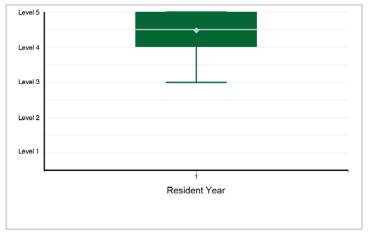


### SUBSPECIALTY: Advanced Heart Failure and Transplant Cardiology

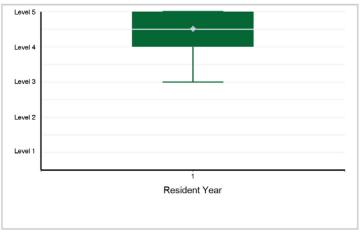
13. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



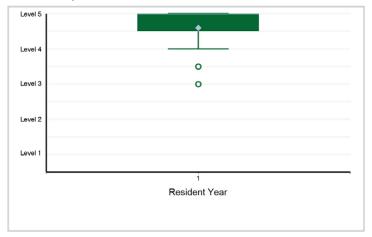
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



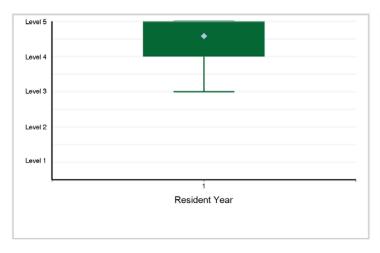
 Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



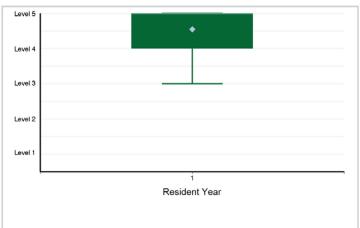
16. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



17. Professionalism - Professionalism 2: Accountability

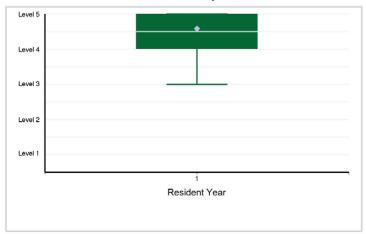


18. Professionalism - Professionalism 3: Self-Awareness and Well-Being

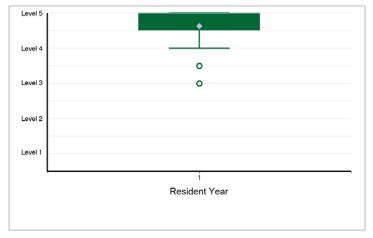


## SUBSPECIALTY: Advanced Heart Failure and Transplant Cardiology

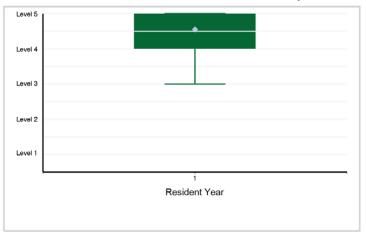
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



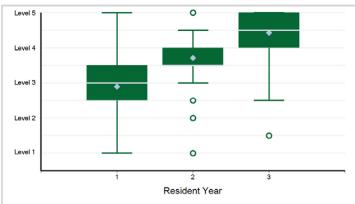
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



### TABLE 31: SUBSPECIALTY: Cardiovascular Disease

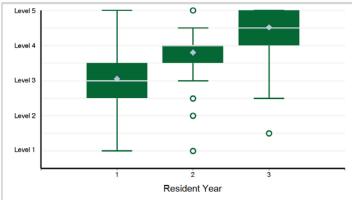
Resident Year	1	2	3	Total Residents
# of Residents	1,149	1,101	1,072	3,322

#### 1. Patient Care - Patient Care 1: Invasive Cardiovascular Testing



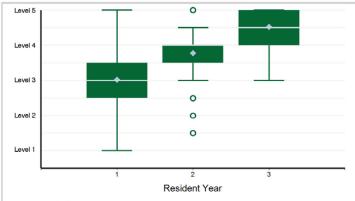
Note: 16 of 3,322 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Acute Care



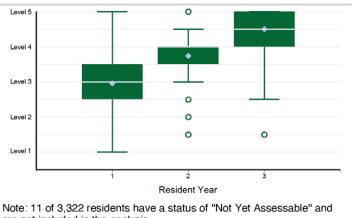
Note: 4 of 3,322 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### 5. Medical Knowledge - Medical Knowledge 1: Cardiovascular Testing



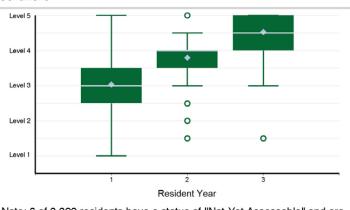
Note: 2 of 3,322 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 2. Patient Care - Patient Care 2: Non-Invasive Testing



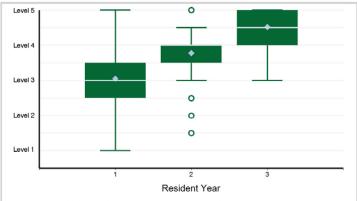
are not included in the analysis.

#### 4. Patient Care - Patient Care 4: Chronic Care for Cardiovascular Conditions



Note: 6 of 3,322 residents have a status of "Not Yet Assessable" and are not included in the analysis.

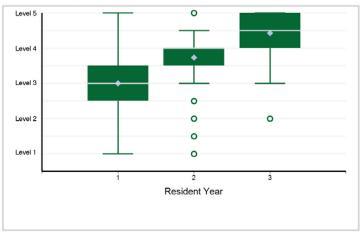
#### 6. Medical Knowledge - Medical Knowledge 2: Critical Thinking for Diagnosis and Therapy



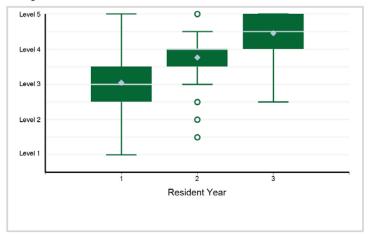
Note: 2 of 3,322 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SUBSPECIALTY: Cardiovascular Disease

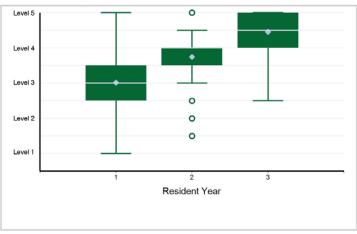
# 7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



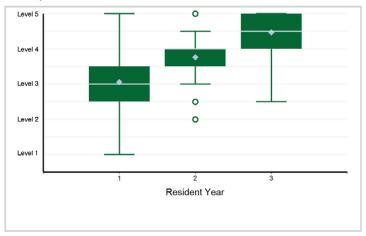
# 8. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



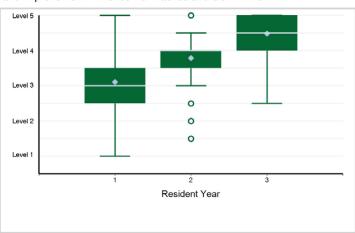
# 9. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



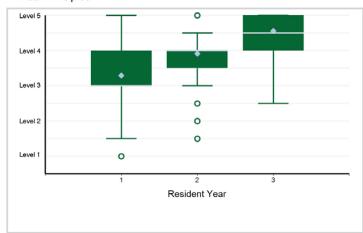
 Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



# 11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

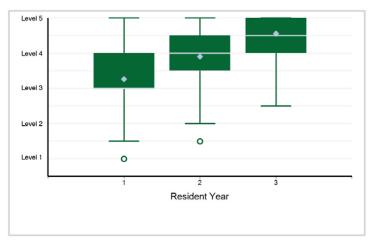


12. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

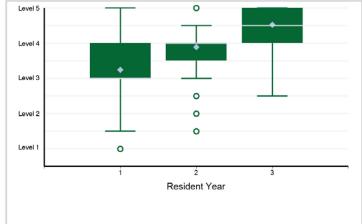


### SUBSPECIALTY: Cardiovascular Disease

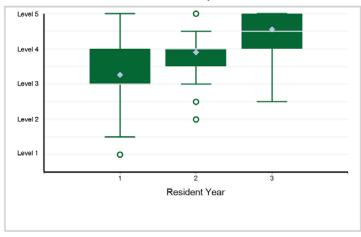
### 13. Professionalism - Professionalism 2: Accountability



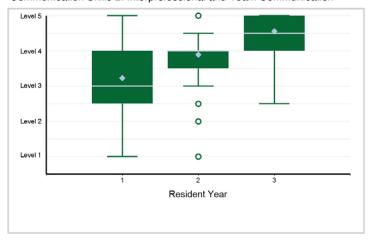
#### 14. Professionalism - Professionalism 3: Self-Awareness and Well-Being



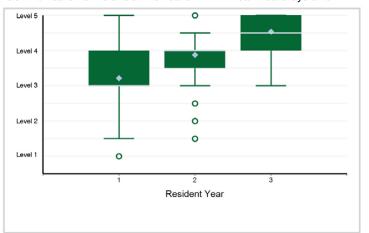
15. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient and Family-Centered Communication



16. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

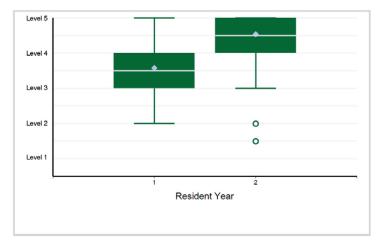


### TABLE 32: SUBSPECIALTY: Clinical Cardiac Electrophysiology

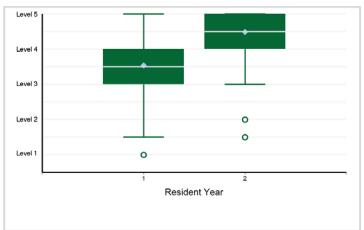
Resident Year	1	2	Total Residents*
# of Residents	174	135	309

<sup>\*</sup>Note: There are 2 residents with an incomplete milestone evaluation that are excluded from the box plots below.

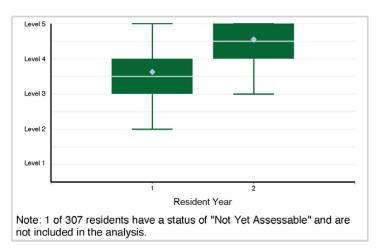
#### 1. Patient Care - Patient Care 1: Atrial Fibrillation



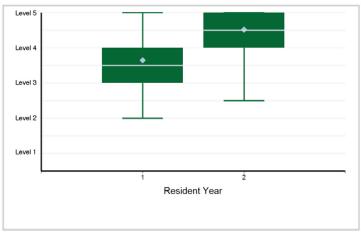
#### 2. Patient Care - Patient Care 2: Supraventricular Tachycardia



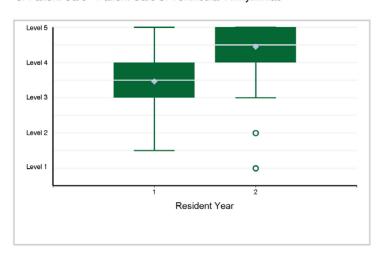
#### 3. Patient Care - Patient Care 3: Bradycardia



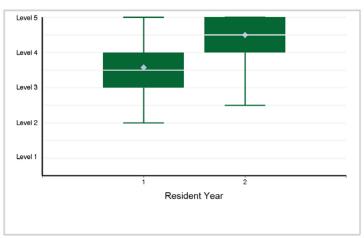
#### 4. Patient Care - Patient Care 4: Syncope and Palpitations



### 5. Patient Care - Patient Care 5: Ventricular Arrhythmias

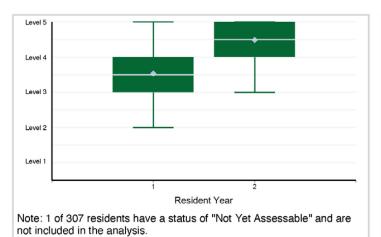


#### 6. Patient Care - Patient Care 6: Sudden Cardiac Death

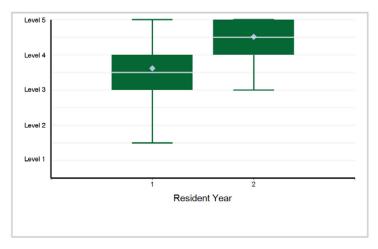


### SUBSPECIALTY: Clinical Cardiac Electrophysiology

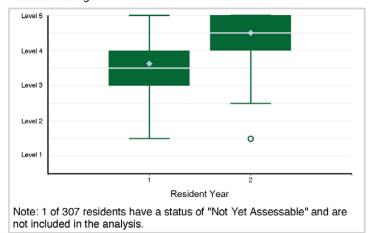
#### 7. Patient Care - Patient Care 7: Heart Failure



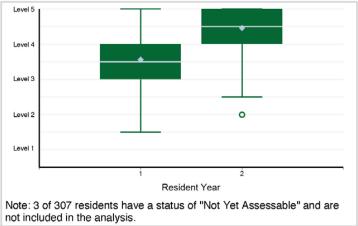
#### 9. Patient Care - Patient Care 9: Ambulatory Care



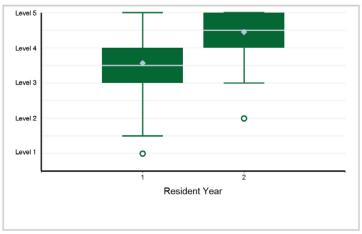
# 11. Medical Knowledge - Medical Knowledge 2: Critical Thinking and Decision Making



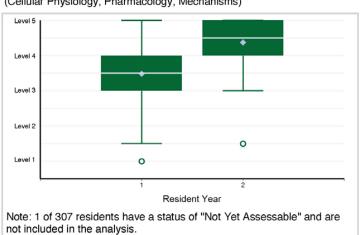
#### 8. Patient Care - Patient Care 8: Procedural Complications



#### Medical Knowledge - Medical Knowledge 1: Arrhythmia Diagnosis and Interpretation

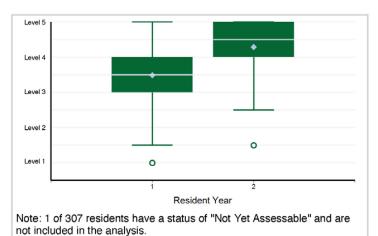


12. Medical Knowledge - Medical Knowledge 3: Electrophysiology (Cellular Physiology, Pharmacology, Mechanisms)

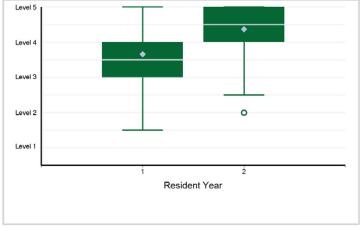


## SUBSPECIALTY: Clinical Cardiac Electrophysiology

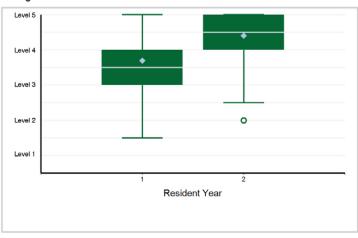
#### 13. Medical Knowledge - Medical Knowledge 4: Scholarly Activity



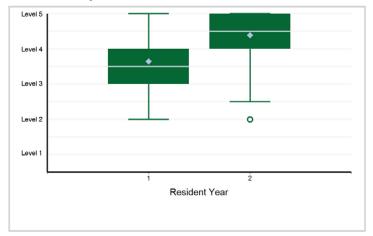
14. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



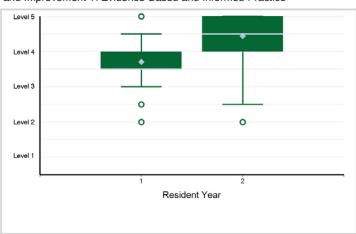
# 15. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



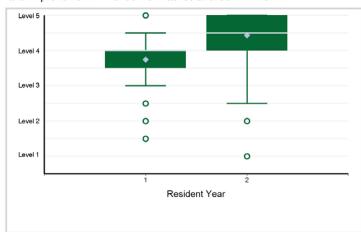
 Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



# 17. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice

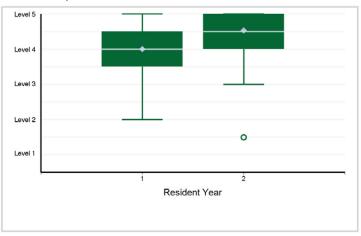


18. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

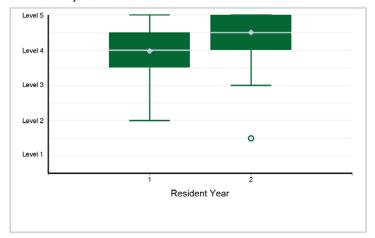


### SUBSPECIALTY: Clinical Cardiac Electrophysiology

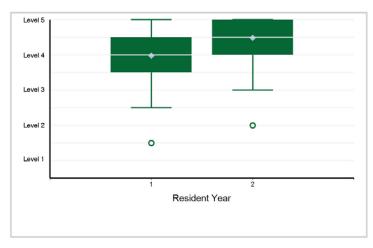
# 19. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



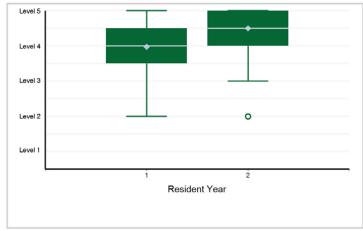
# 20. Professionalism - Professionalism 2: Accountability/Conscientiousness



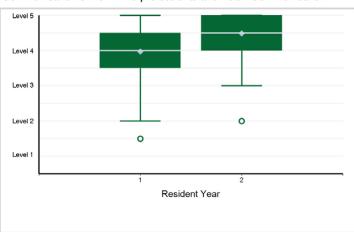
#### 21. Professionalism - Professionalism 3: Self-Awareness and Well-Being



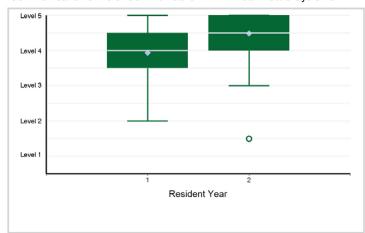
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



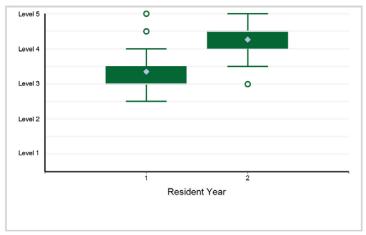
24. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



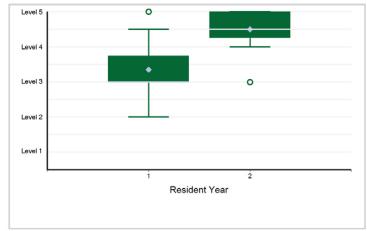
## TABLE 33: SUBSPECIALTY: Clinical Informatics (multidisciplinary, Internal Medicine)

Resident Year	1	2	Total Residents
# of Residents	31	19	50

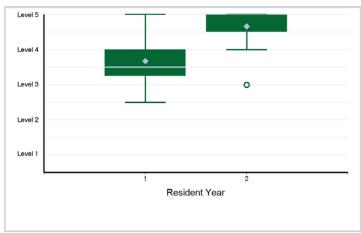
### 1. Patient Care - Patient Care 1: Technology Assessment



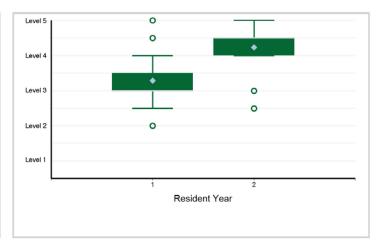
#### 2. Patient Care - Patient Care 2: Clinical Decision Support Systems



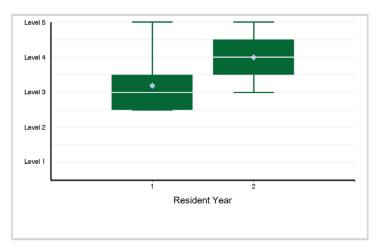
# 3. Patient Care - Patient Care 3: Impact of Clinical Informatics on Patient Care



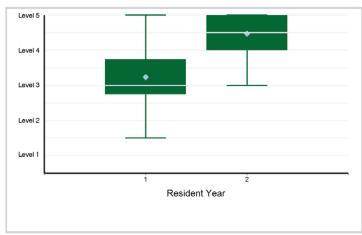
4. Patient Care - Patient Care 4: Project Management



### 5. Patient Care - Patient Care 5: Information System Lifecycle

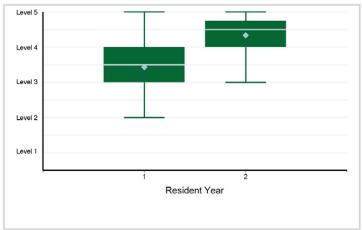


### 6. Patient Care - Patient Care 6: Assessing User Needs

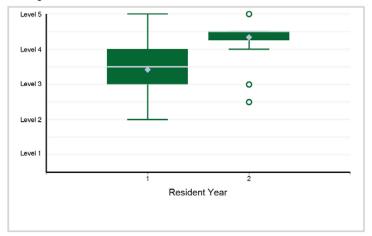


# SUBSPECIALTY: Clinical Informatics (multidisciplinary, Internal Medicine)

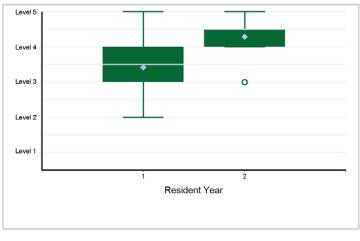
# 7. Medical Knowledge - Medical Knowledge 1: Clinical Informatics Fundamentals and Programming



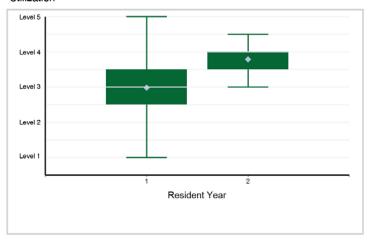
#### Medical Knowledge - Medical Knowledge 2: Leadership and Change Management



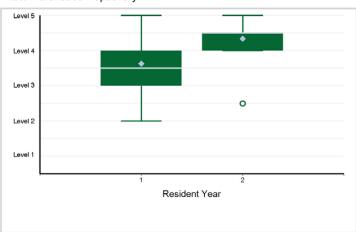
# 9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Unintended Consequences



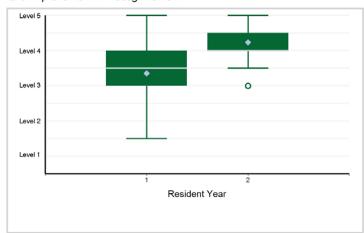
10. Systems-Based Practice - Systems-Based Practice 2: Resource Utilization



# 11. Systems-Based Practice - Systems-Based Practice 3: Workflow and Data Warehouse/Repository

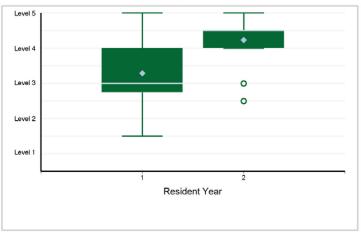


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Recognition of ...

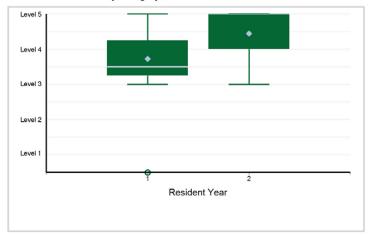


### SUBSPECIALTY: Clinical Informatics (multidisciplinary, Internal Medicine)

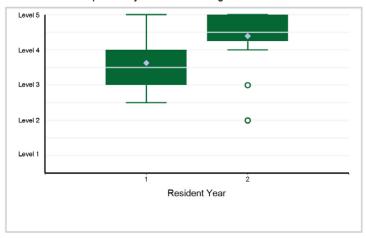
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Scholarly Activity ...



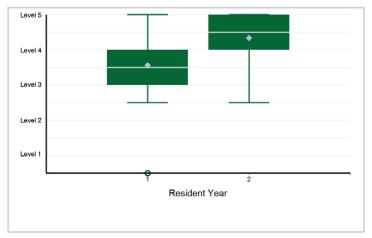
14. Professionalism - Professionalism 1: Professionalism — Demonstrates honesty, integrity, and ethical behavior



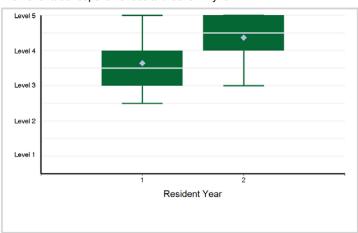
15. Professionalism - Professionalism 2: Professionalism — Demonstrates responsibility and follow-through on tasks



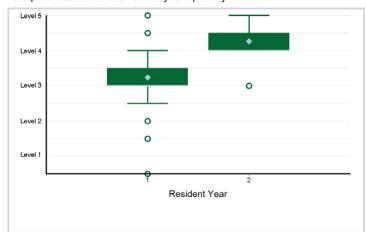
16. Professionalism - Professionalism 3: Professionalism — Gives and receives feedback



17. Professionalism - Professionalism 4: Professionalism — Demonstrates responsiveness and sensitivity to ...

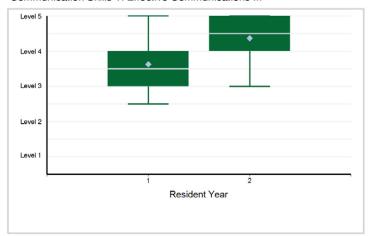


 Professionalism - Professionalism 5: Professionalism — Understands and practices information security and privacy

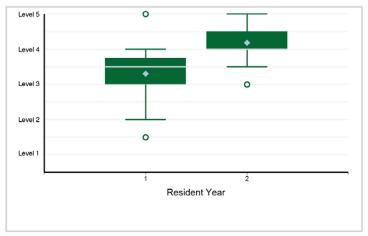


## SUBSPECIALTY: Clinical Informatics (multidisciplinary, Internal Medicine)

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Effective Communications ...



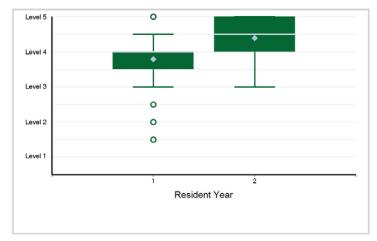
20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Communication with Patients and Families



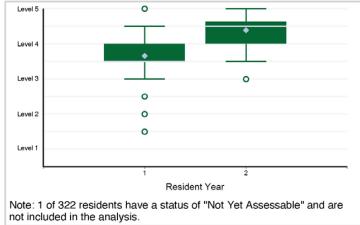
### TABLE 34: SUBSPECIALTY: Critical Care Medicine

Resident Year	1	2	Total Residents
# of Residents	186	136	322

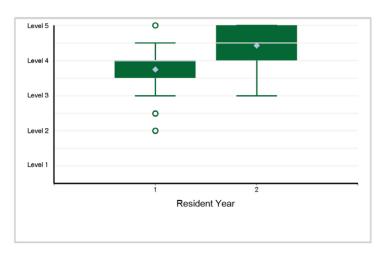
#### 1. Patient Care - Patient Care 1: History and Physical Examination



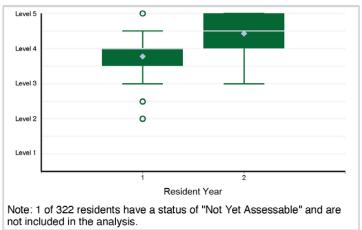
#### 2. Patient Care - Patient Care 2: Disease Management in Critical Care



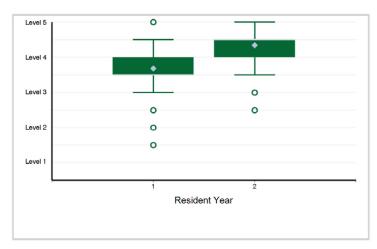
#### 3. Patient Care - Patient Care 3: Pre-Procedure Assessment



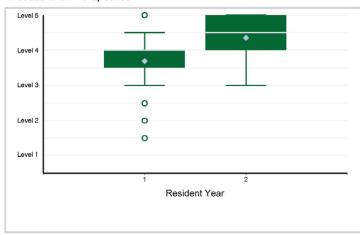
4. Patient Care - Patient Care 4: Procedures (Invasive and Non-Invasive)



### 5. Medical Knowledge - Medical Knowledge 1: Clinical Reasoning

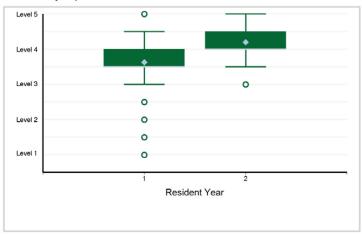


6. Medical Knowledge - Medical Knowledge 2: Scientific Knowledge of Disease and Therapeutics

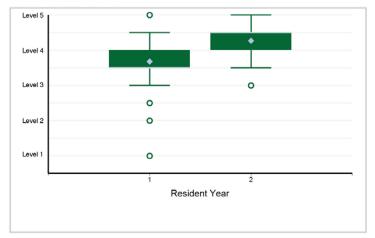


### SUBSPECIALTY: Critical Care Medicine

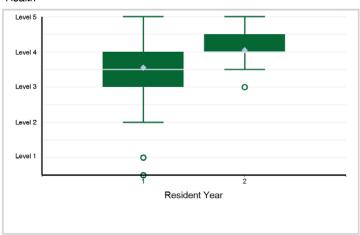
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



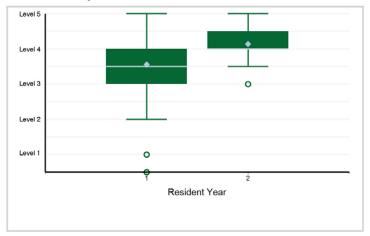
 Systems-Based Practice - Systems-Based Practice 2: Coordination and Transition of Care



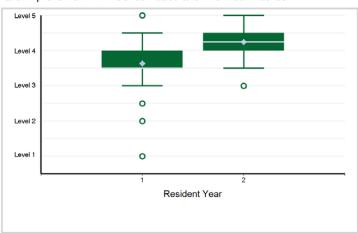
9. Systems-Based Practice - Systems-Based Practice 3: Population Health



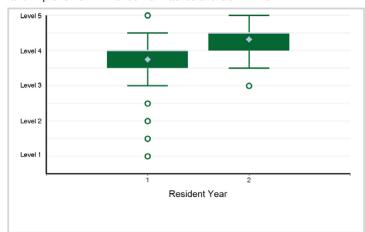
 Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice

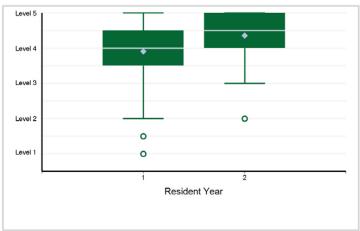


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

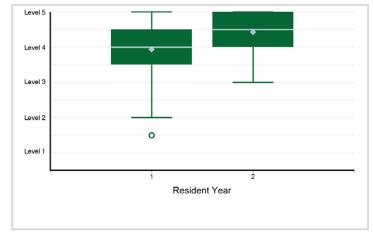


### SUBSPECIALTY: Critical Care Medicine

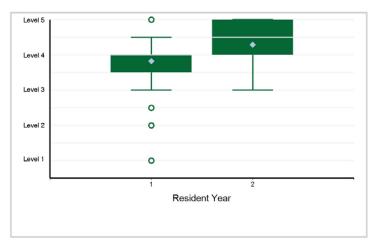
# 13. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



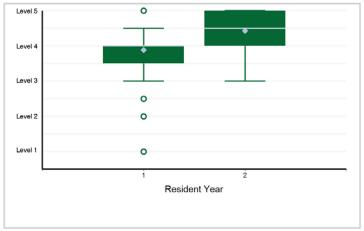
#### 14. Professionalism - Professionalism 2: Accountability



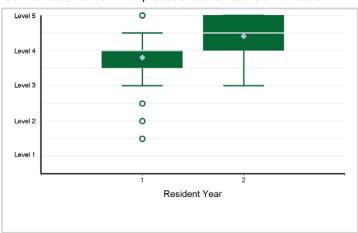
#### 15. Professionalism - Professionalism 3: Well-Being and Resiliency



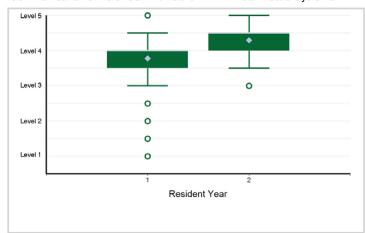
16. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



# 17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication

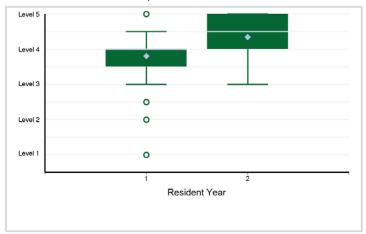


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



## SUBSPECIALTY: Critical Care Medicine

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Complex Communication Around Serious ...

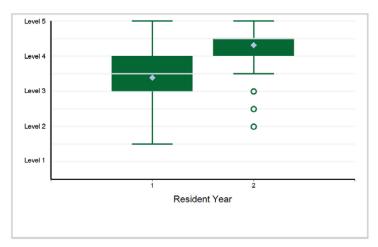


### TABLE 35: SUBSPECIALTY: Endocrinology, Diabetes, and Metabolism

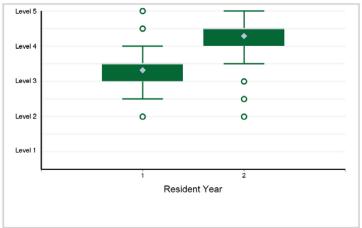
Resident Year	1	2	Total Residents*
# of Residents	372	330	702

<sup>\*</sup>Note: There are 6 residents with an incomplete milestone evaluation that are excluded from the box plots below.

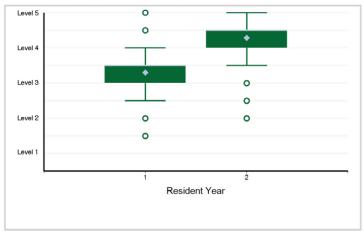
#### 1. Patient Care - Patient Care 1: History and Physical Exam



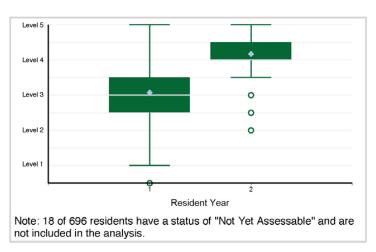
#### Patient Care - Patient Care 2: Diagnostic Testing, including Labs, Imaging, and Dynamic Testing



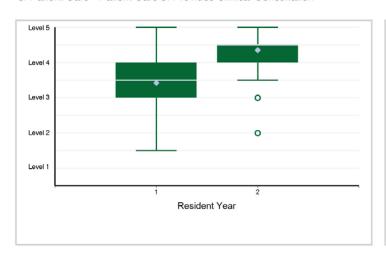
# 3. Patient Care - Patient Care 3: Therapeutics (Behavioral, Medications, Technology, Radiopharmaceuticals)



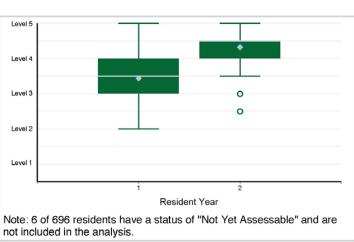
#### 4. Patient Care - Patient Care 4: Procedures



#### 5. Patient Care - Patient Care 5: Provides Clinical Consultation

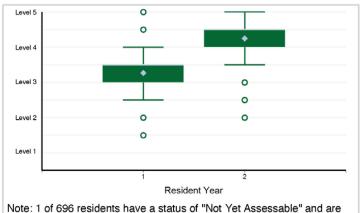


### 6. Patient Care - Patient Care 6: Requests Clinical Consultation



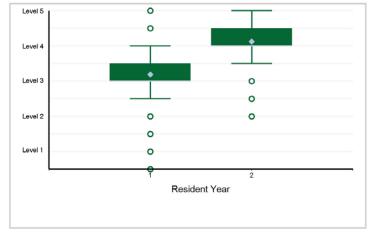
### SUBSPECIALTY: Endocrinology, Diabetes, and Metabolism

# 7. Medical Knowledge - Medical Knowledge 1: Integration of Pathophysiology and Clinical Reasoning

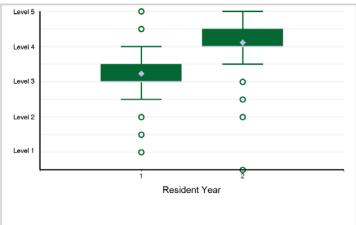


# not included in the analysis.

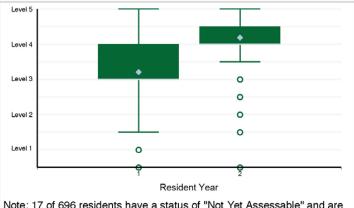
# 9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



# 11. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems and Community Health

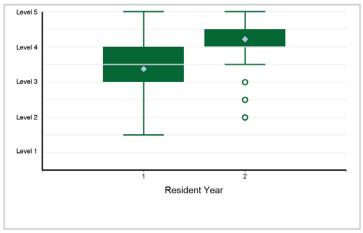


#### 8. Medical Knowledge - Medical Knowledge 2: Scholarly Activity

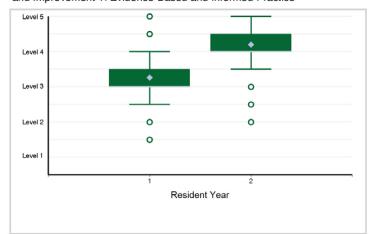


Note: 17 of 696 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 10. Systems-Based Practice - Systems-Based Practice 2: Coordination and Transitions of Care

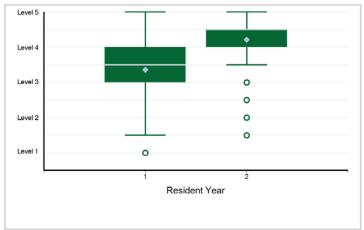


# 12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice

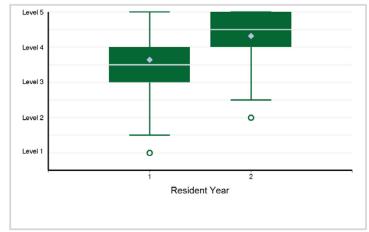


## SUBSPECIALTY: Endocrinology, Diabetes, and Metabolism

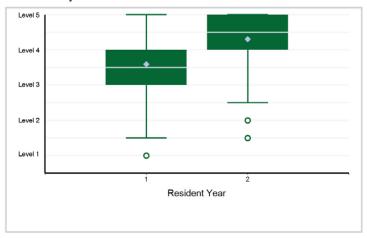
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



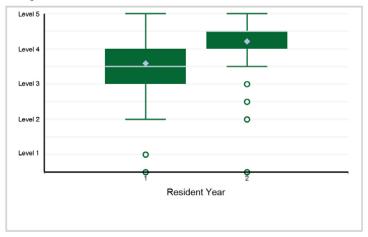
14. Professionalism - Professionalism 1: Professional Behavior



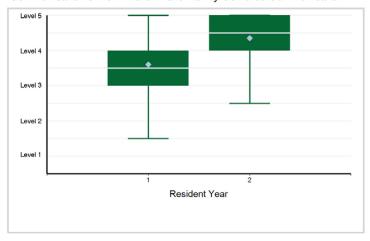
15. Professionalism - Professionalism 2: Accountability/Conscientiousness



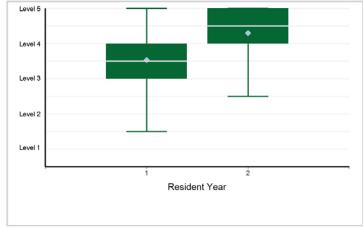
16. Professionalism - Professionalism 3: Personal and Professional Well-Being



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

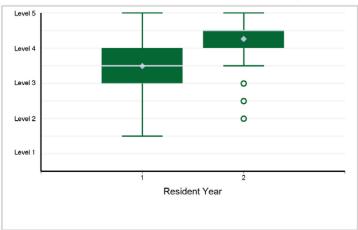


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



## SUBSPECIALTY: Endocrinology, Diabetes, and Metabolism

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

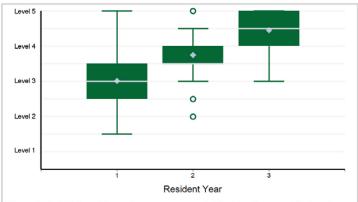


### TABLE 36: SUBSPECIALTY: Gastroenterology

Resident Year	1	2	3	Total Residents*
# of Residents	662	631	600	1,893

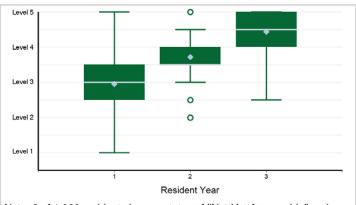
<sup>\*</sup>Note: There are 5 residents with an incomplete milestone evaluation that are excluded from the box plots below.

# 1. Patient Care - Patient Care 1: Data Gathering and Non-Procedural Diagnostic Testing



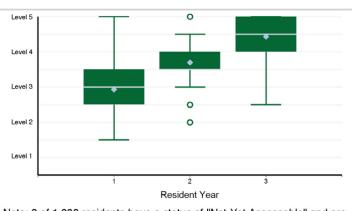
Note: 2 of 1,888 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 2. Patient Care - Patient Care 2: Patient Management in Gastrointestinal and Liver Disease



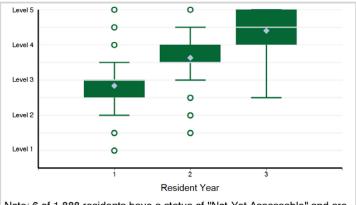
Note: 2 of 1,888 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Procedures Cognitive Components



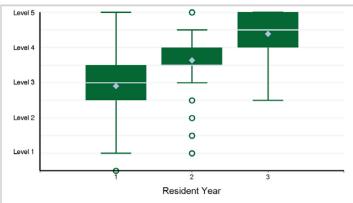
Note: 3 of 1,888 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 4. Patient Care - Patient Care 4: Procedures: Technical Components



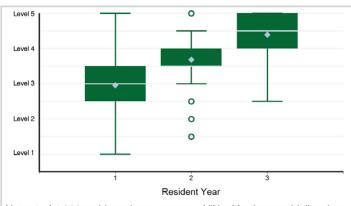
Note: 6 of 1,888 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### Medical Knowledge - Medical Knowledge 1: Clinical Knowledge of Gastrointestinal and Liver Diseases (Non-Procedural)



Note: 1 of 1,888 residents have a status of "Not Yet Assessable" and are not included in the analysis.

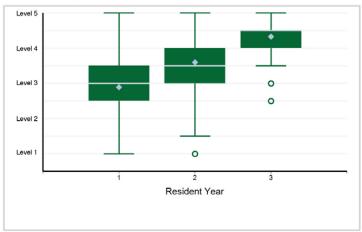
### 6. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning



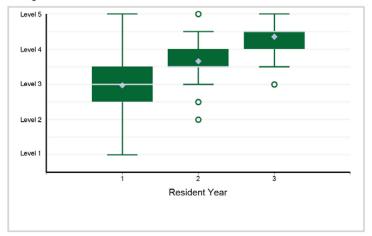
Note: 1 of 1,888 residents have a status of "Not Yet Assessable" and are not included in the analysis.

## SUBSPECIALTY: Gastroenterology

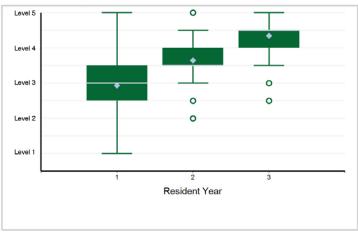
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



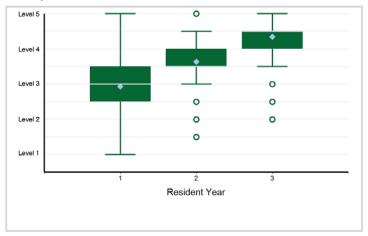
8. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



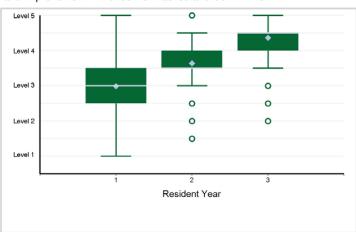
9. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



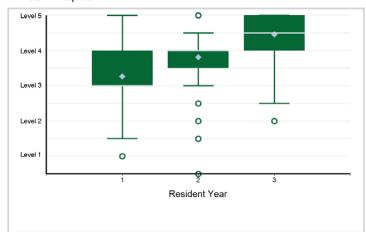
10. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

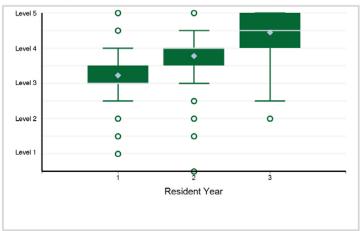


12. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

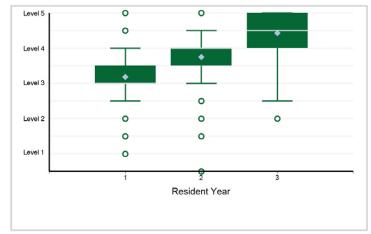


### SUBSPECIALTY: Gastroenterology

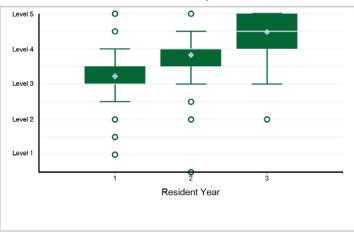
# 13. Professionalism - Professionalism 2: Accountability/Conscientiousness



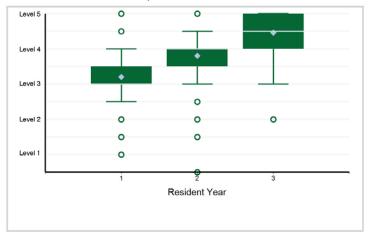
# 14. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



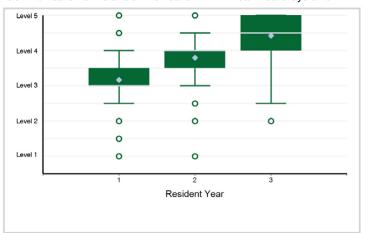
15. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



16. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

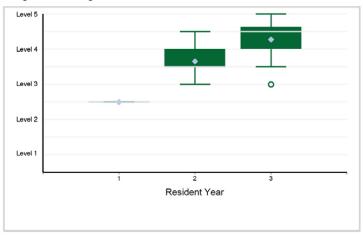


### TABLE 37: SUBSPECIALTY: Gastroenterology - Transplant Hepatology Pathway

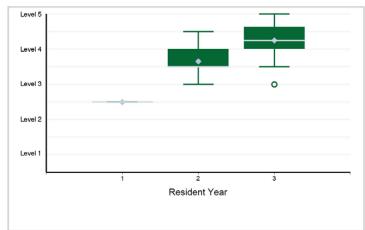
Resident Year	1	2	3	Total Residents*
# of Residents	1	8	11	20

<sup>\*</sup>Note: There is 1 resident with an incomplete milestone evaluation that is excluded from the box plots below.

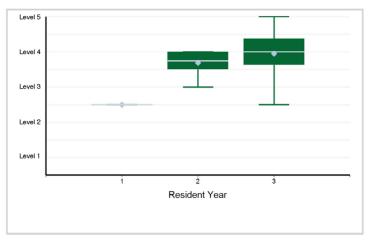
#### Patient Care - Patient Care 1: Data Gathering and Non-Procedural Diagnostic Testing



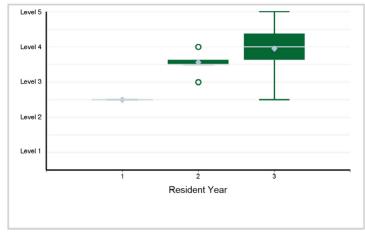
# 2. Patient Care - Patient Care 2: Patient Management in Gastrointestinal and Liver Disease



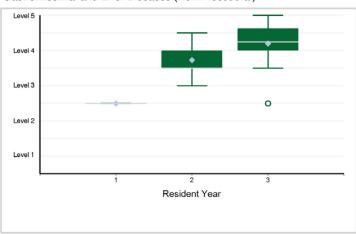
#### 3. Patient Care - Patient Care 3: Procedures Cognitive Components



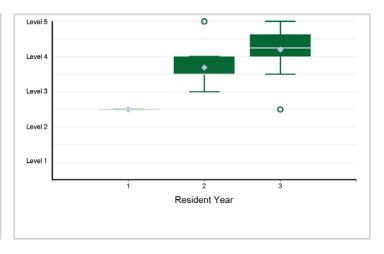
#### 4. Patient Care - Patient Care 4: Procedures: Technical Components



#### Medical Knowledge - Medical Knowledge 1: Clinical Knowledge of Gastrointestinal and Liver Diseases (Non-Procedural)

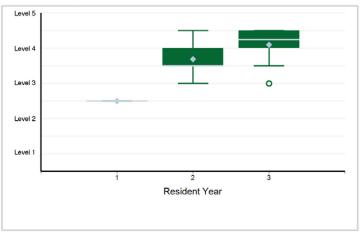


### 6. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

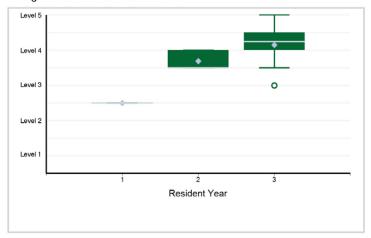


### SUBSPECIALTY: Gastroenterology - Transplant Hepatology Pathway

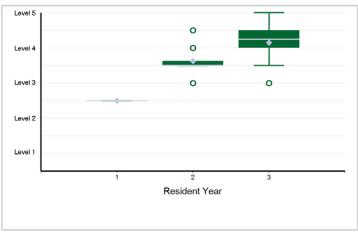
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



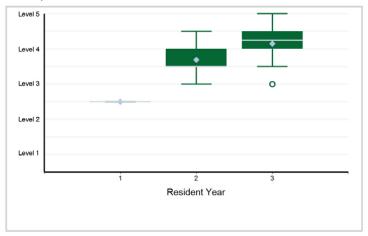
8. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



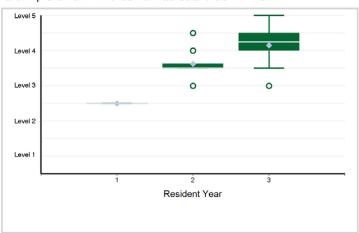
9. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



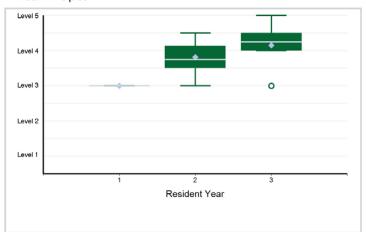
10. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

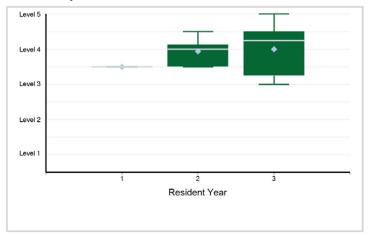


12. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

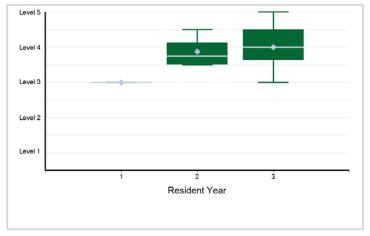


### SUBSPECIALTY: Gastroenterology - Transplant Hepatology Pathway

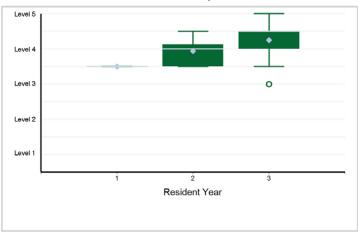
# 13. Professionalism - Professionalism 2: Accountability/Conscientiousness



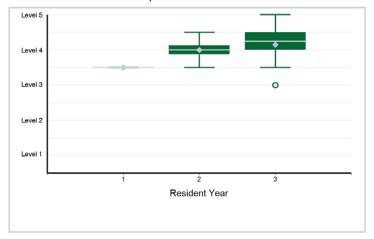
14. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



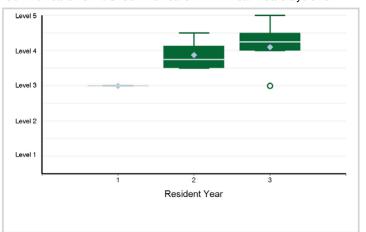
15. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



16. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



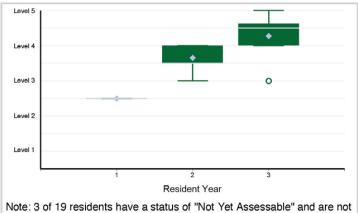
### SUBSPECIALTY: Gastroenterology - Transplant Hepatology Pathway

Resident Year	1	2	3	Total Residents*
# of Residents	1	8	11	20

<sup>\*</sup>Note: There is 1 resident with an incomplete milestone evaluation that is excluded from the box plots below.

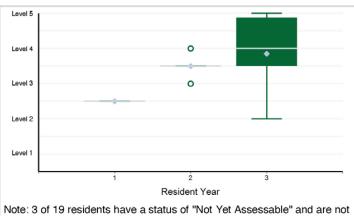
#### This specialty has residents participating in the Dual GI/TH Pathway track, which required a response to the following Transplant Hepatology specific Milestones.

1. Patient Care - Patient Care 1: Data Gathering and Non-Procedural Diagnostic Testing



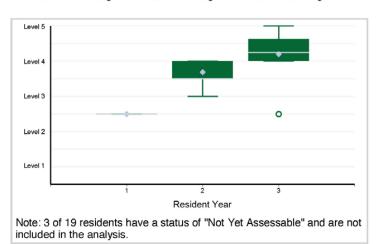
included in the analysis.

3. Patient Care - Patient Care 3: Technical Procedures - Liver Biopsy

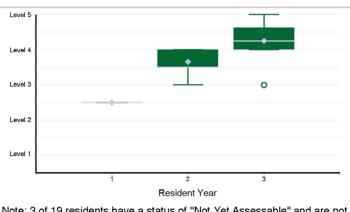


included in the analysis.

5. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

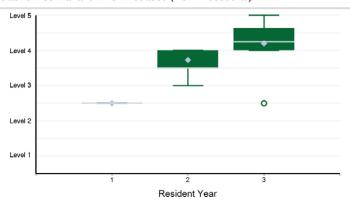


2. Patient Care - Patient Care 2: Patient Management in Gastrointestinal and Liver Disease



Note: 3 of 19 residents have a status of "Not Yet Assessable" and are not included in the analysis.

4. Medical Knowledge - Medical Knowledge 1: Clinical Knowledge of Gastrointestinal and Liver Diseases (Non-Procedural)

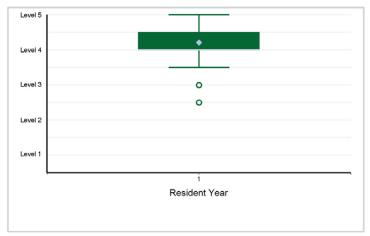


Note: 3 of 19 residents have a status of "Not Yet Assessable" and are not included in the analysis.

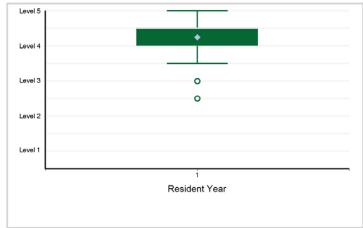
### TABLE 38: SUBSPECIALTY: Geriatric Medicine (multidisciplinary, Internal Medicine)

Resident Year	1	Total Residents
# of Residents	298	298

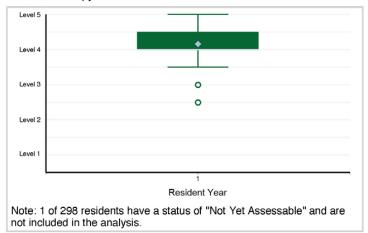
#### 1. Patient Care - Patient Care 1: Comprehensive Geriatric Assessment



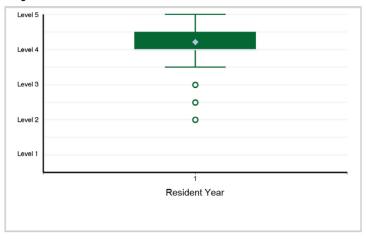
#### 2. Patient Care - Patient Care 2: Patient and Family/Caregiver Support



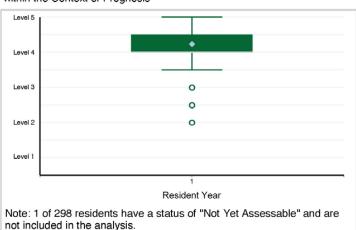
#### 3. Patient Care - Patient Care 3: Assessing and Optimizing of Pharmacotherapy



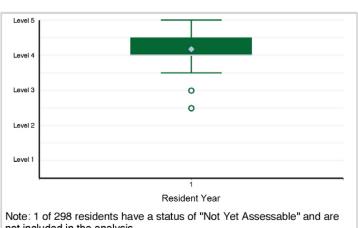
#### 4. Patient Care - Patient Care 4: Assessing and Optimizing Physical and Cognitive Function



#### 5. Patient Care - Patient Care 5: Framing Clinical Management Decisions within the Context of Prognosis



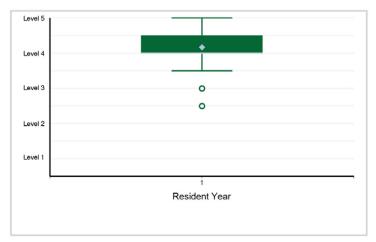
6. Patient Care - Patient Care 6: Consultative Care



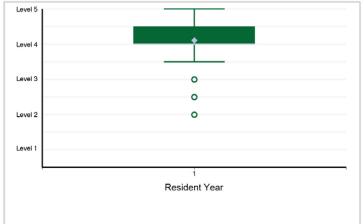
not included in the analysis.

### SUBSPECIALTY: Geriatric Medicine (multidisciplinary, Internal Medicine)

7. Medical Knowledge - Medical Knowledge 1: Geriatric Syndromes



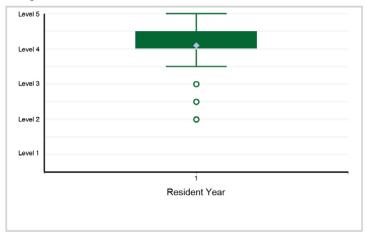
8. Medical Knowledge - Medical Knowledge 2: Principles of Aging



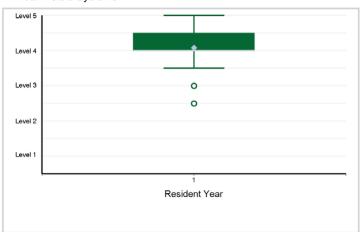
9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



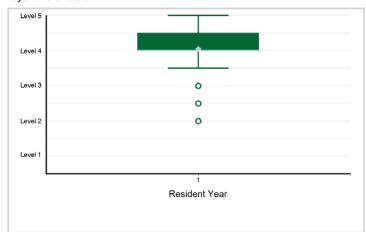
 Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



11. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems

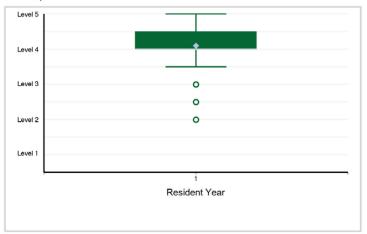


12. Systems-Based Practice - Systems-Based Practice 4: Models and Systems of Care

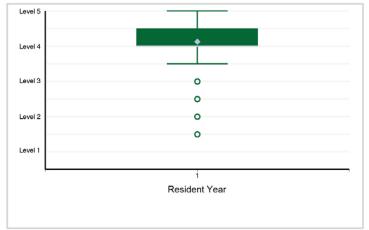


## SUBSPECIALTY: Geriatric Medicine (multidisciplinary, Internal Medicine)

13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



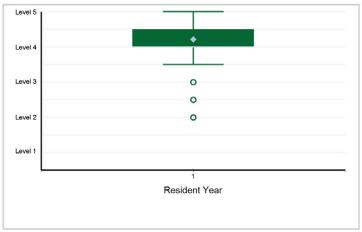
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



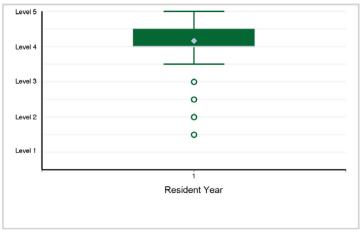
15. Professionalism - Professionalism 1: Professional Behavior



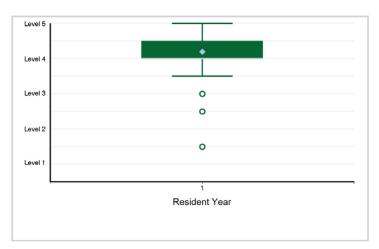
16. Professionalism - Professionalism 2: Ethical Principles



17. Professionalism - Professionalism 3: Accountability/Conscientiousness

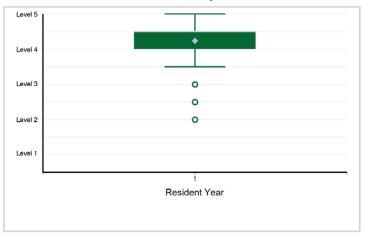


18. Professionalism - Professionalism 4: Well-Being

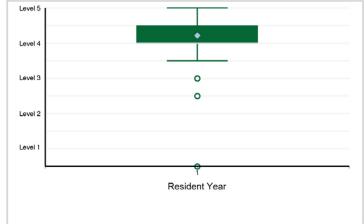


### SUBSPECIALTY: Geriatric Medicine (multidisciplinary, Internal Medicine)

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



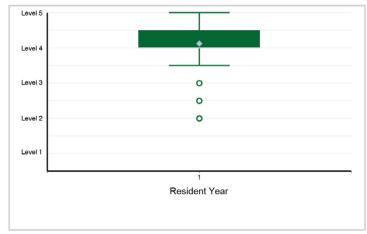
20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



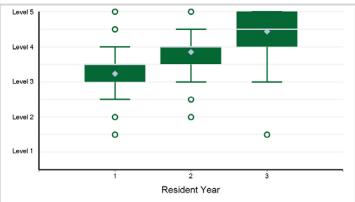
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Complex Communication around Serious ...



### TABLE 39: SUBSPECIALTY: Hematology and Medical Oncology

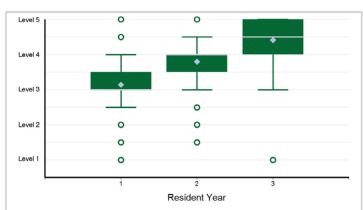
Resident Year	1	2	3	Total Residents
# of Residents	689	681	606	1,976

# 1. Patient Care - Patient Care 1: Accesses Data Sources to Synthesize Patient and Disease Specific Information ...



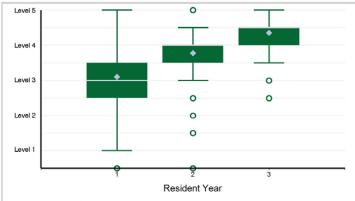
Note: 2 of 1,976 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### 3. Patient Care - Patient Care 3: Formulates the Management Plan



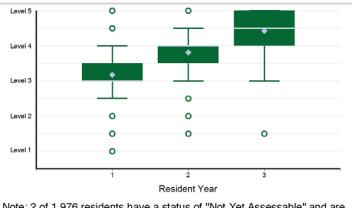
Note: 1 of 1,976 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 5. Patient Care - Patient Care 5: Competence in Procedures: • Performance of Bone Marrow Biopsies and Aspirations ...



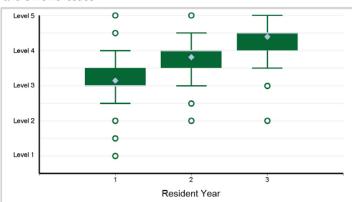
Note: 12 of 1,976 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 2. Patient Care - Patient Care 2: Diagnoses and Assigns Stage and Severity of Hematology and Oncology Disorders



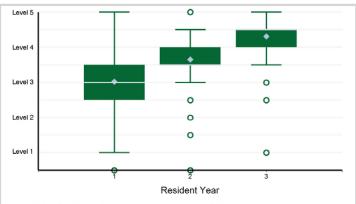
Note: 2 of 1,976 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### Patient Care - Patient Care 4: Adjusts Management Plans for Acute and Chronic Issues



Note: 2 of 1,976 residents have a status of "Not Yet Assessable" and are not included in the analysis.

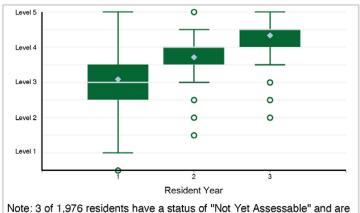
# 6. Medical Knowledge - Medical Knowledge 1: Non-Malignant Hematology (includes Pathophysiology, Diagnostics, ...



Note: 23 of 1,976 residents have a status of "Not Yet Assessable" and are not included in the analysis.

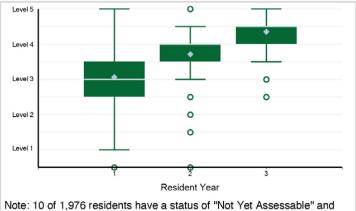
### SUBSPECIALTY: Hematology and Medical Oncology

7. Medical Knowledge - Medical Knowledge 2: Malignant Hematology (includes Pathophysiology, Diagnostics, ...



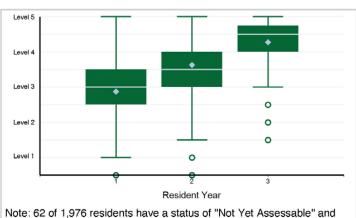
not included in the analysis.

8. Medical Knowledge - Medical Knowledge 3: Solid Tumor Oncology (includes Pathophysiology, Diagnostics, ...



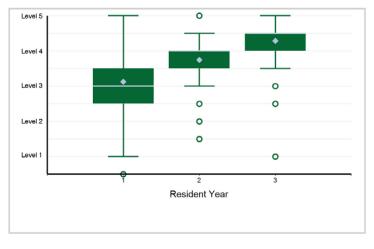
are not included in the analysis.

9. Medical Knowledge - Medical Knowledge 4: Scholarly Activity

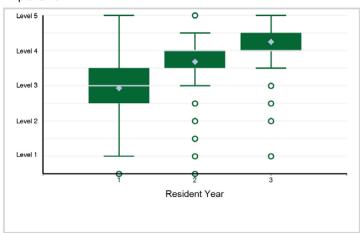


Note: 62 of 1,976 residents have a status of "Not Yet Assessable" and are not included in the analysis.

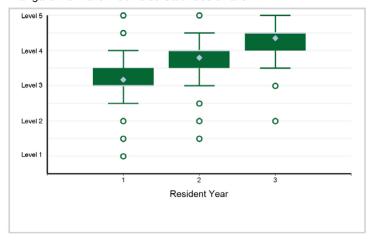
10. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



11. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement

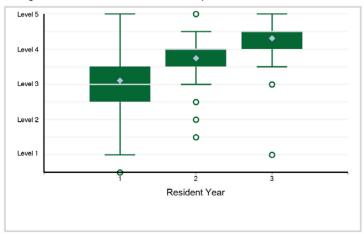


12. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care: Coordination ...

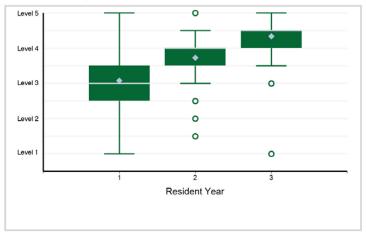


### SUBSPECIALTY: Hematology and Medical Oncology

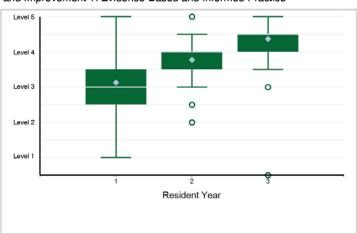
13. Systems-Based Practice - Systems-Based Practice 4: System Navigation for Patient-Centered Care: Population Health



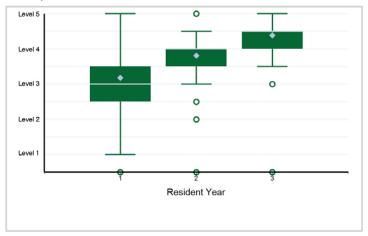
14. Systems-Based Practice - Systems-Based Practice 5: Physician Role in Health Care Systems



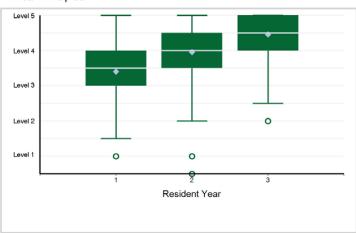
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



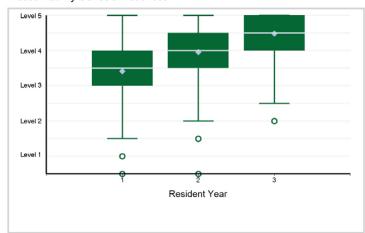
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



17. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

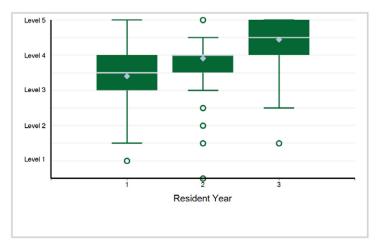


18. Professionalism - Professionalism 2: Accountability/Conscientiousness

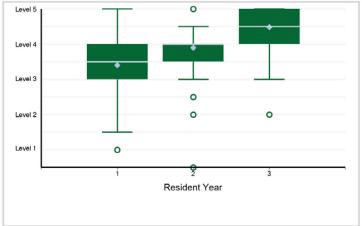


### SUBSPECIALTY: Hematology and Medical Oncology

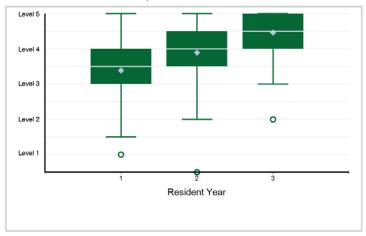
### 19. Professionalism - Professionalism 3: Fellow Well-Being



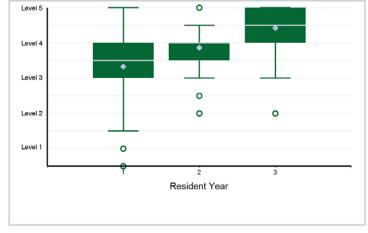
# 20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



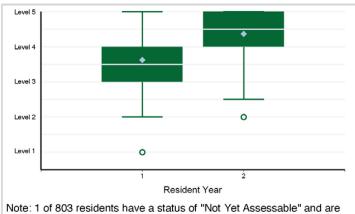
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



### TABLE 40: SUBSPECIALTY: Infectious Disease

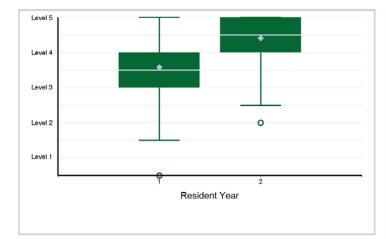
Resident Year	1	2	Total Residents
# of Residents	427	376	803

#### 1. Patient Care - Patient Care 1: History and Physical Examination

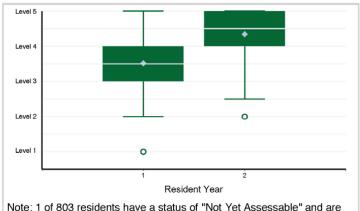


not included in the analysis.

#### 3. Patient Care - Patient Care 3: Consultative Care

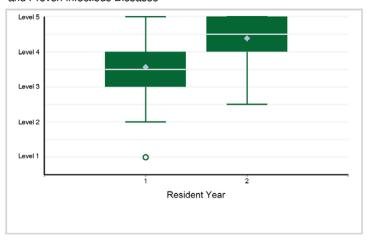


### 5. Medical Knowledge - Medical Knowledge 2: Diagnostic Evaluation

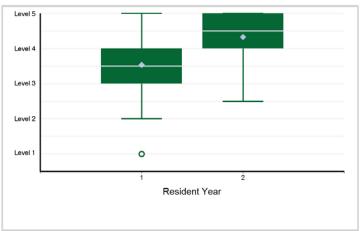


Note: 1 of 803 residents have a status of "Not Yet Assessable" and are not included in the analysis.

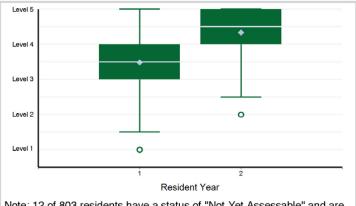
#### 2. Patient Care - Patient Care 2: Management of Patients with Possible and Proven Infectious Diseases



#### 4. Medical Knowledge - Medical Knowledge 1: Diagnostic Reasoning



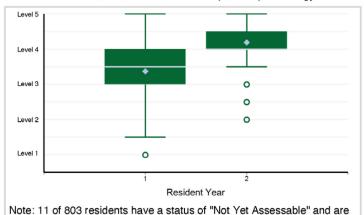
#### 6. Medical Knowledge - Medical Knowledge 3: Treatment and Therapeutics including Anti-Infectives, Immunoprophylaxis, ...



Note: 12 of 803 residents have a status of "Not Yet Assessable" and are not included in the analysis.

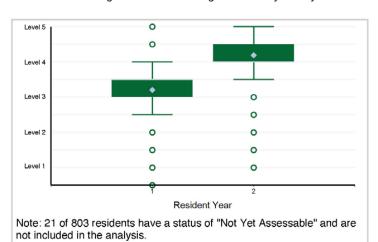
### SUBSPECIALTY: Infectious Disease

#### 7. Medical Knowledge - Medical Knowledge 4: Infection Control/Prevention, Antimicrobial Stewardship, and Epidemiology

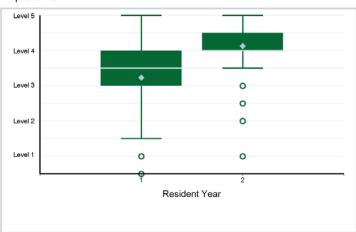


# 9. Medical Knowledge - Medical Knowledge 6: Scholarly Activity

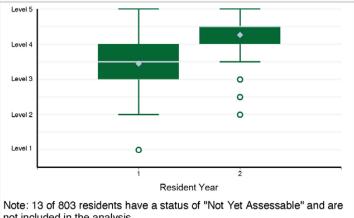
not included in the analysis.



11. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement

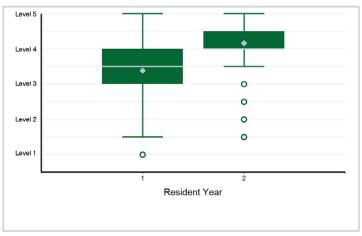


#### 8. Medical Knowledge - Medical Knowledge 5: Pathophysiology and Foundational Science

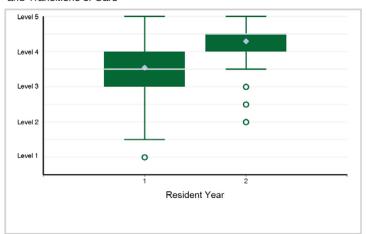


not included in the analysis.

#### 10. Systems-Based Practice - Systems-Based Practice 1: Patient Safety

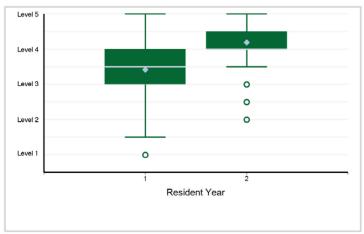


12. Systems-Based Practice - Systems-Based Practice 3: Coordination and Transitions of Care

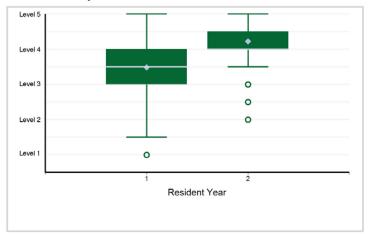


### SUBSPECIALTY: Infectious Disease

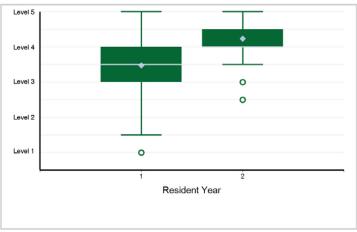
# 13. Systems-Based Practice - Systems-Based Practice 4: Population Health



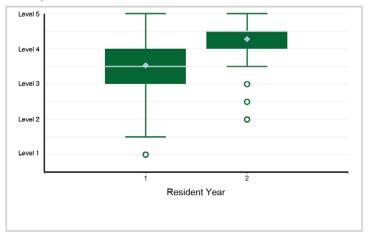
14. Systems-Based Practice - Systems-Based Practice 5: Physician Role in Health Care Systems



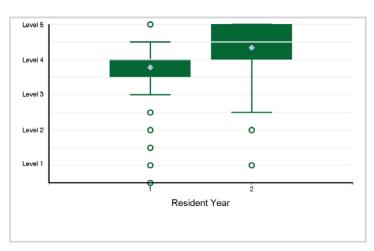
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



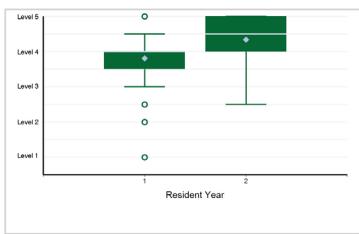
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



#### 17. Professionalism - Professionalism 1: Professional Behavior

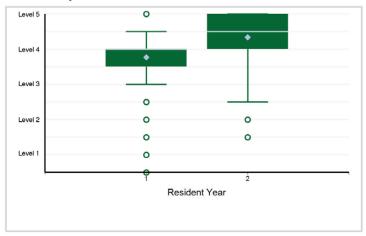


#### 18. Professionalism - Professionalism 2: Ethical Principles

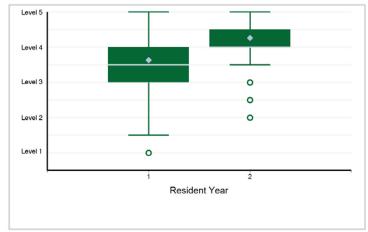


### SUBSPECIALTY: Infectious Disease

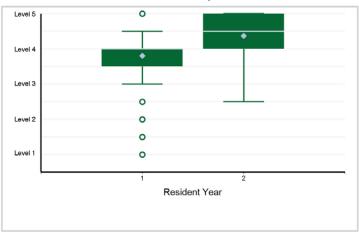
# 19. Professionalism - Professionalism 3: Accountability/Conscientiousness



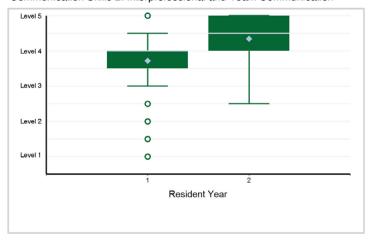
#### 20. Professionalism - Professionalism 4: Well-Being



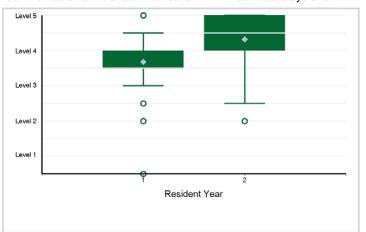
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

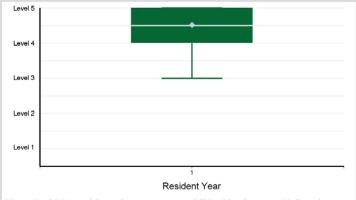


### TABLE 41: SUBSPECIALTY: Interventional Cardiology

Resident Year	1	Total Residents*
# of Residents	359	359

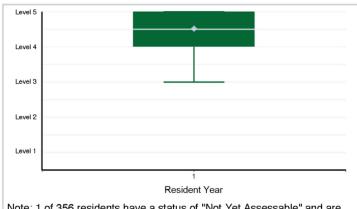
<sup>\*</sup>Note: There are 3 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### 1. Patient Care - Patient Care 1: Pre-Procedural Care and Procedural Selection



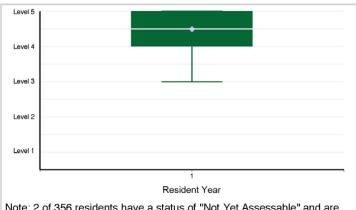
Note: 2 of 356 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Post-Procedural Management (Inpatient and Outpatient)



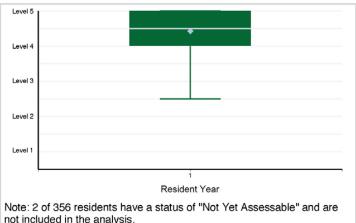
Note: 1 of 356 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 5. Medical Knowledge - Medical Knowledge 2: Pharmacology



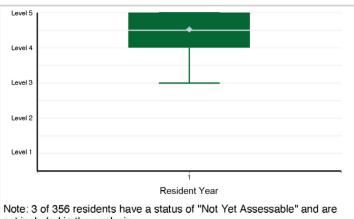
Note: 2 of 356 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 2. Patient Care - Patient Care 2: Technical Skills for Percutaneous Intervention



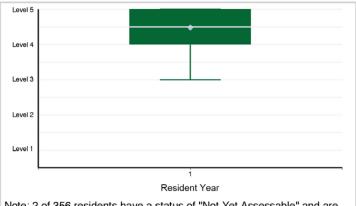
not included in the analysis.

### 4. Medical Knowledge - Medical Knowledge 1: Anatomy and Physiology



not included in the analysis.

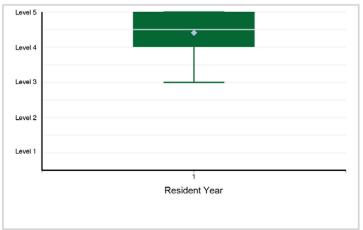
#### 6. Medical Knowledge - Medical Knowledge 3: Devices, Techniques, and Outcomes



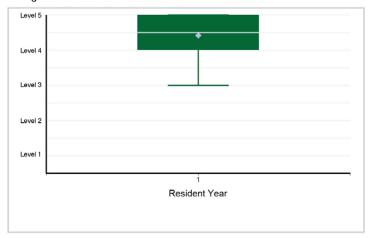
Note: 2 of 356 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SUBSPECIALTY: Interventional Cardiology

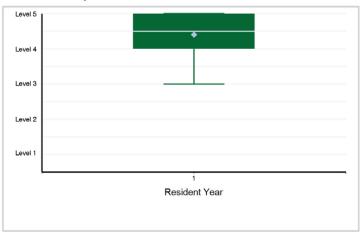
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



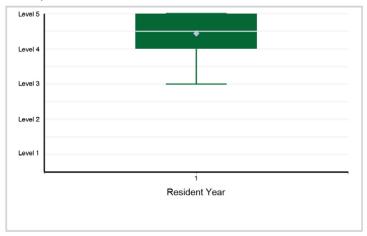
8. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



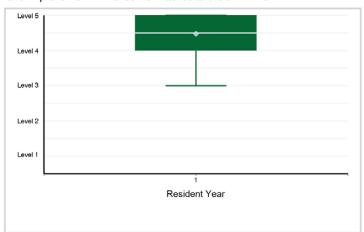
9. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



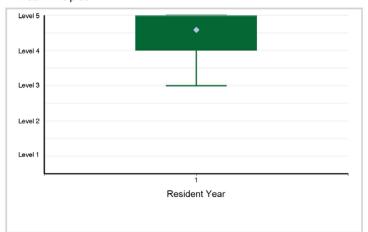
 Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



12. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

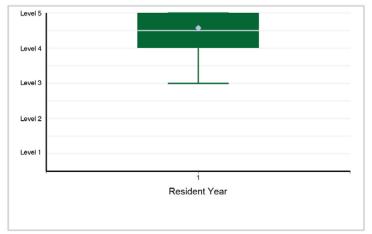


### SUBSPECIALTY: Interventional Cardiology

# 13. Professionalism - Professionalism 2: Accountability/Conscientiousness



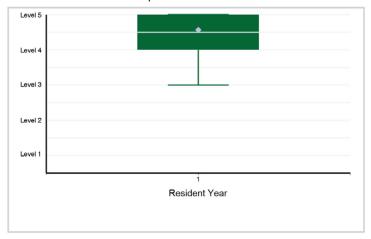
#### 14. Professionalism - Professionalism 3: Self-Awareness and Well-Being



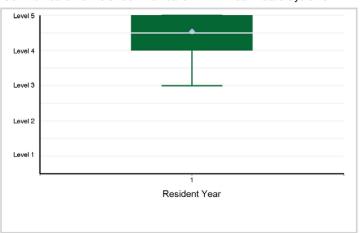
# 15. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



16. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



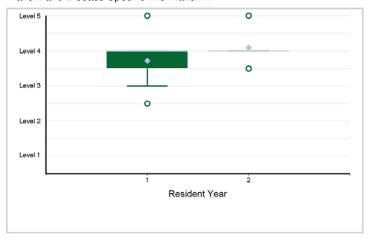
# 17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



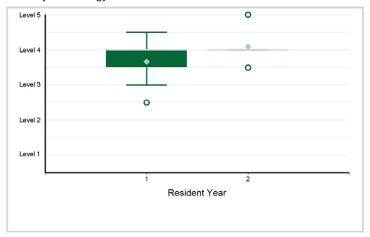
### TABLE 42: SUBSPECIALTY: Medical Oncology

Resident Year	1	2	Total Residents
# of Residents	18	16	34

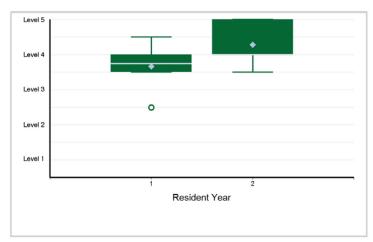
1. Patient Care - Patient Care 1: Accesses Data Sources to Synthesize Patient and Disease Specific Information ...



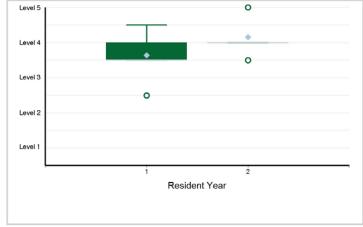
2. Patient Care - Patient Care 2: Diagnoses and Assigns Stage and Severity of Oncology Disorders



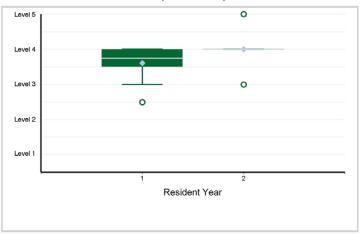
3. Patient Care - Patient Care 3: Formulates the Management Plan



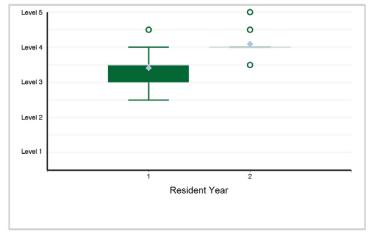
 Patient Care - Patient Care 4: Adjusts Management Plans for Acute and Chronic Issues



5. Patient Care - Patient Care 5: Competence in Procedures: Performance of Bone Marrow Biopsies and Aspirations

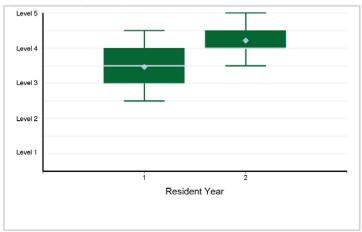


6. Medical Knowledge - Medical Knowledge 1: Malignant Hematology (includes Pathophysiology, Diagnostics, ...

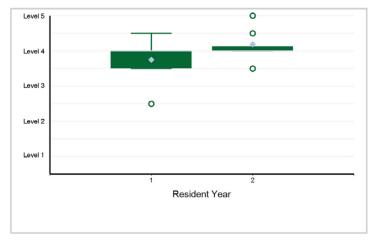


### SUBSPECIALTY: Medical Oncology

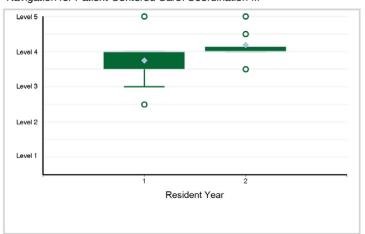
7. Medical Knowledge - Medical Knowledge 2: Solid Tumor Oncology (includes Pathophysiology, Diagnostics, ...



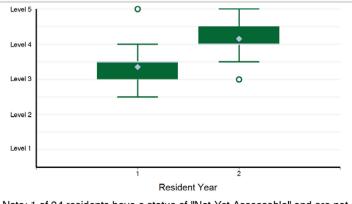
9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



11. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care: Coordination ...

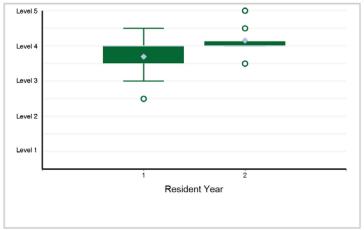


8. Medical Knowledge - Medical Knowledge 3: Scholarly Activity

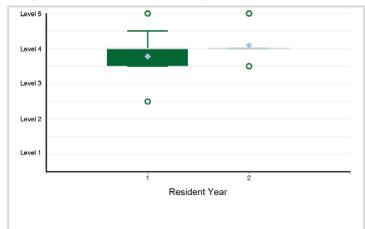


Note: 1 of 34 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement

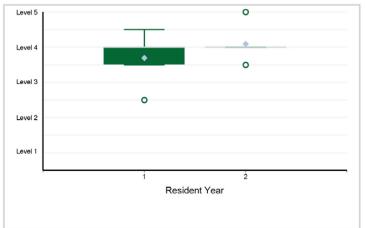


12. Systems-Based Practice - Systems-Based Practice 4: System Navigation for Patient-Centered Care: Population Health

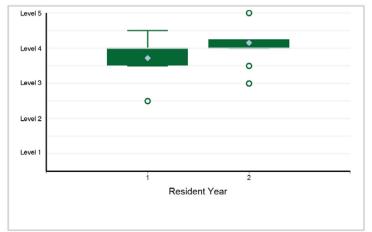


## SUBSPECIALTY: Medical Oncology

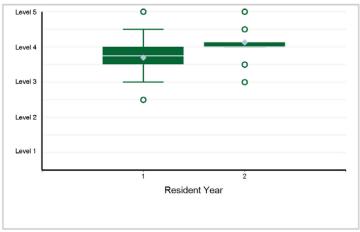
# 13. Systems-Based Practice - Systems-Based Practice 5: Physician Role in Health Care Systems



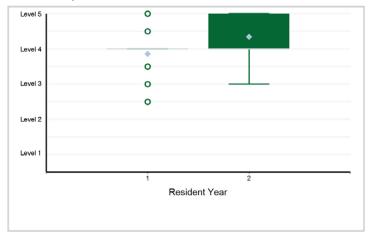
# 14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



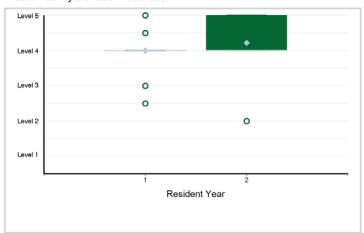
# 15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



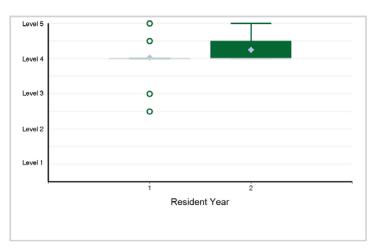
16. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



# 17. Professionalism - Professionalism 2: Accountability/Conscientiousness

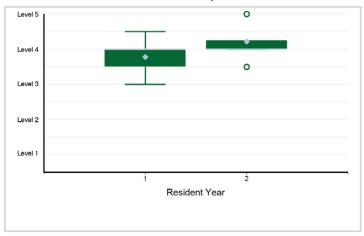


#### 18. Professionalism - Professionalism 3: Fellow Well-Being

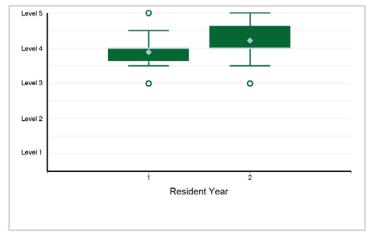


## SUBSPECIALTY: Medical Oncology

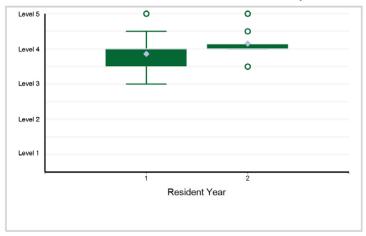
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



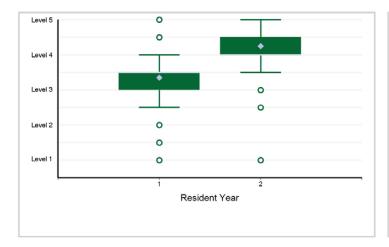
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



### TABLE 43: SUBSPECIALTY: Nephrology

Resident Year	1	2	Total Residents
# of Residents	449	419	868

#### 1. Patient Care - Patient Care 1: Acute Kidney Injury

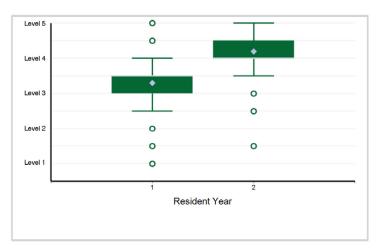


# 0 Level 3 Level 2 Level 1 Resident Year Note: 1 of 868 residents have a status of "Not Yet Assessable" and are

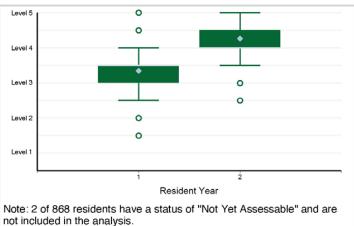
### 5. Patient Care - Patient Care 5: Fluid and Electrolytes

not included in the analysis.

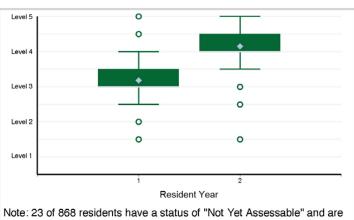
3. Patient Care - Patient Care 3: Chronic Kidney Disease



#### 2. Patient Care - Patient Care 2: Chronic Dialysis Therapy

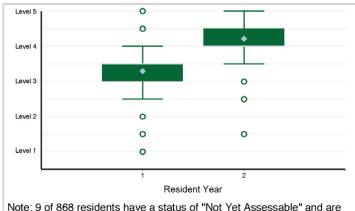


#### 4. Patient Care - Patient Care 4: Transplant



not included in the analysis.

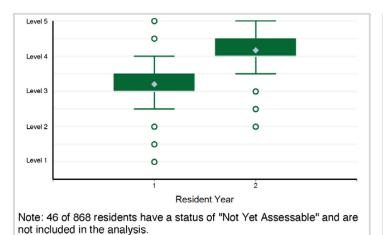
### 6. Patient Care - Patient Care 6: Hypertension



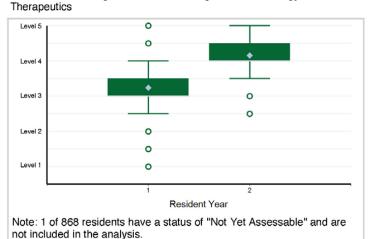
Note: 9 of 868 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SUBSPECIALTY: Nephrology

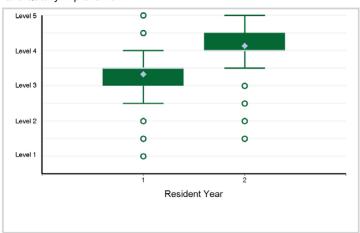
#### 7. Patient Care - Patient Care 7: Competence in Procedures



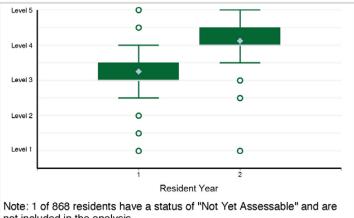
# 9. Medical Knowledge - Medical Knowledge 2: Pharmacology and



# 11. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement

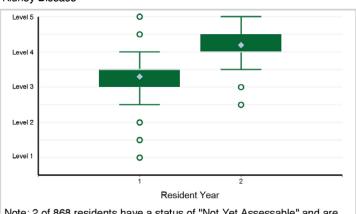


# 8. Medical Knowledge - Medical Knowledge 1: Physiology and Pathophysiology



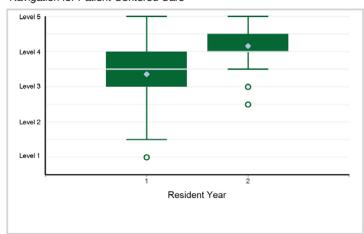
not included in the analysis.

# 10. Medical Knowledge - Medical Knowledge 3: Diagnostic Testing in Kidney Disease



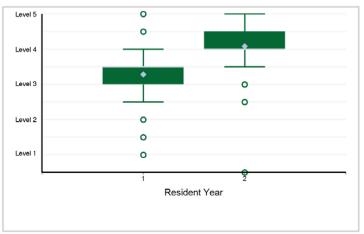
Note: 2 of 868 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 12. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care

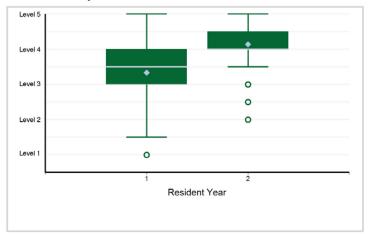


## SUBSPECIALTY: Nephrology

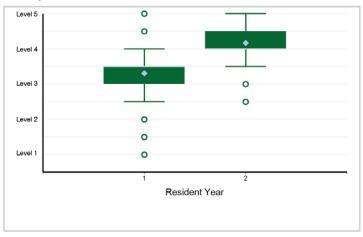
# 13. Systems-Based Practice - Systems-Based Practice 3: Population Health



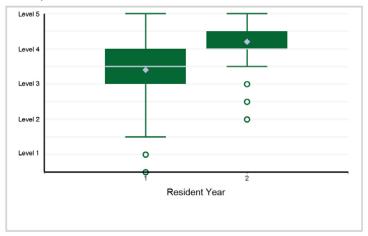
# 14. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



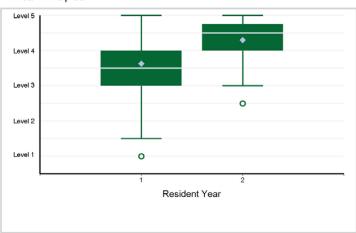
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



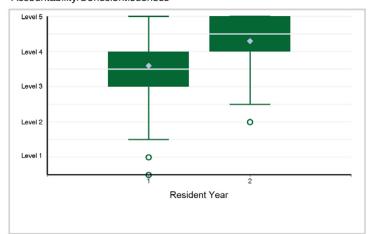
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



17. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

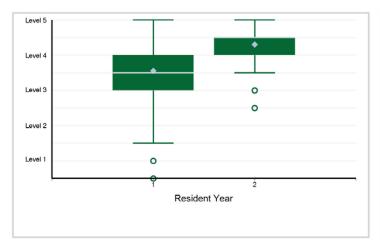


18. Professionalism - Professionalism 2: Accountability/Conscientiousness

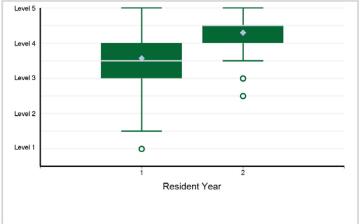


## SUBSPECIALTY: Nephrology

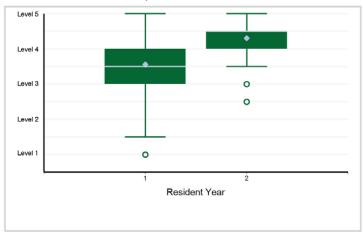
19. Professionalism - Professionalism 3: Self-Awareness and Well-Being



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

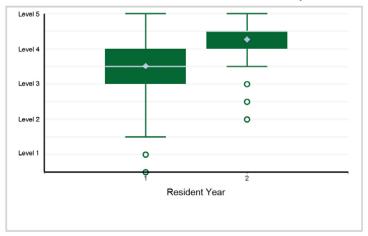
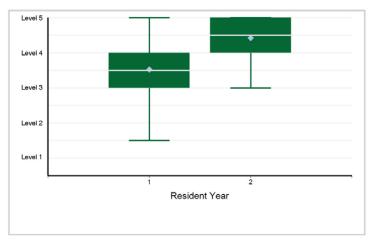


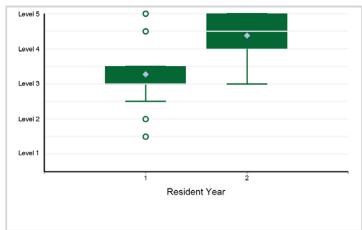
TABLE 44: SUBSPECIALTY: Pulmonary Disease

Resident Year	1	2	Total Residents
# of Residents	34	34	68

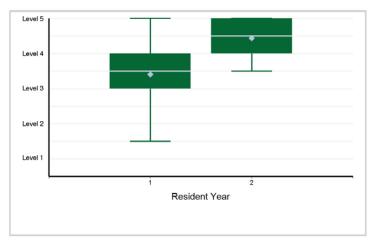
#### 1. Patient Care - Patient Care 1: History and Physical Examination



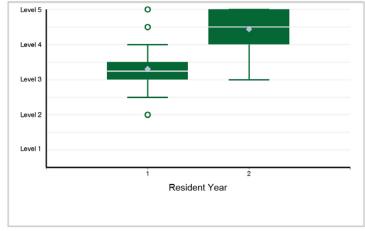
# 2. Patient Care - Patient Care 2: Disease Management in Pulmonary Medicine



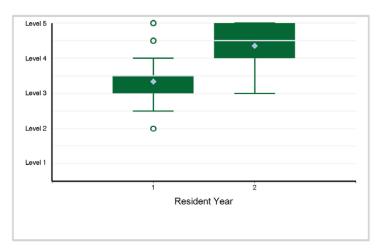
#### 3. Patient Care - Patient Care 3: Pre-Procedure Assessment



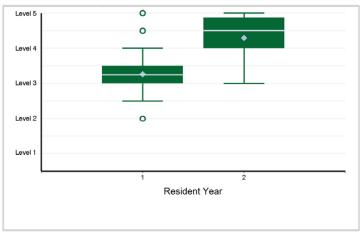
4. Patient Care - Patient Care 4: Procedures (Invasive and Non-Invasive)



### 5. Medical Knowledge - Medical Knowledge 1: Clinical Reasoning

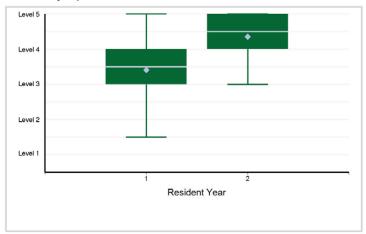


6. Medical Knowledge - Medical Knowledge 2: Scientific Knowledge of Disease and Therapeutics

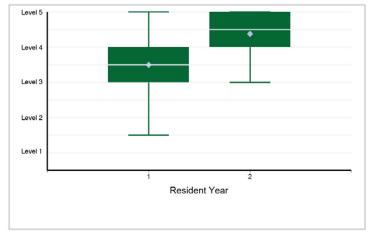


### SUBSPECIALTY: Pulmonary Disease

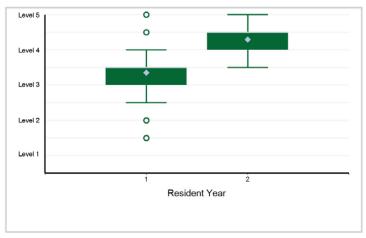
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



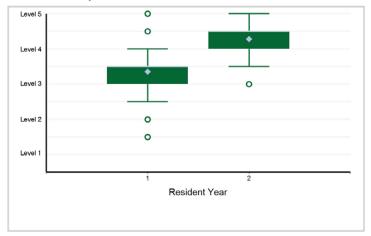
8. Systems-Based Practice - Systems-Based Practice 2: Coordination and Transition of Care



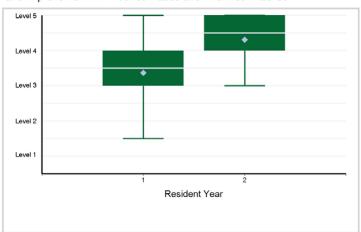
9. Systems-Based Practice - Systems-Based Practice 3: Population Health



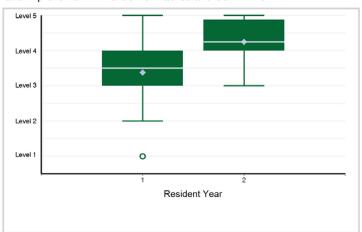
 Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice

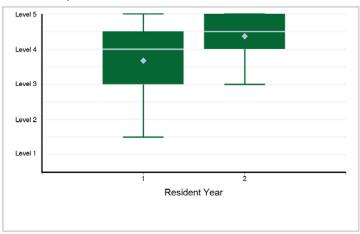


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

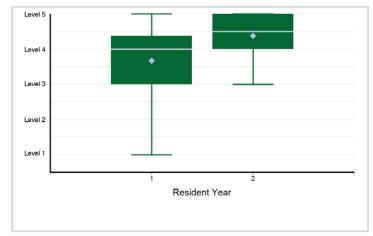


### SUBSPECIALTY: Pulmonary Disease

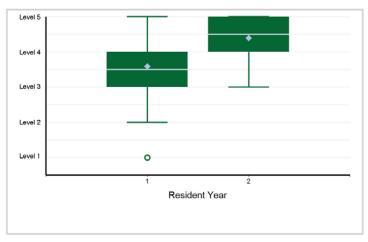
# 13. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



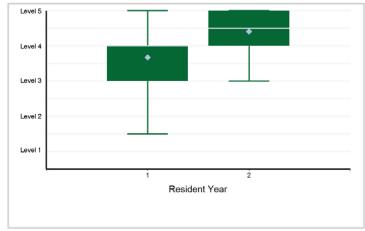
#### 14. Professionalism - Professionalism 2: Accountability



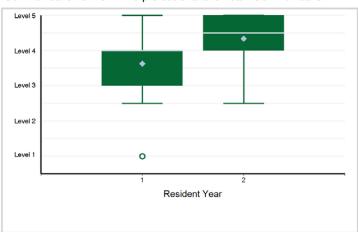
#### 15. Professionalism - Professionalism 3: Well-Being and Resiliency



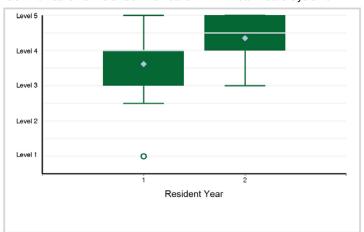
16. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



# 17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication

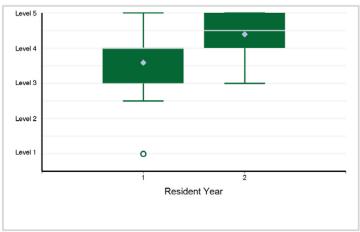


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



## SUBSPECIALTY: Pulmonary Disease

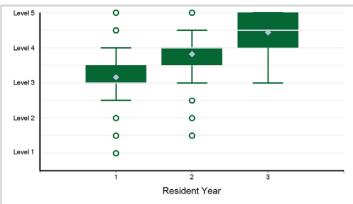
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Complex Communication Around Serious ...



### TABLE 45: SUBSPECIALTY: Pulmonary Disease and Critical Care Medicine

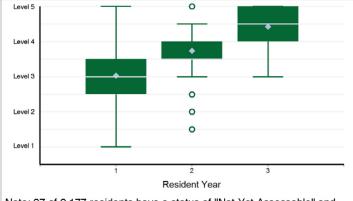
Resident Year	1	2	3	Total Residents
# of Residents	796	714	667	2,177

#### 1. Patient Care - Patient Care 1: History and Physical Examination



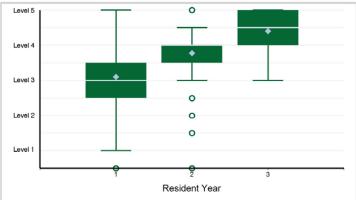
Note: 2 of 2,177 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Disease Management in Pulmonary Medicine



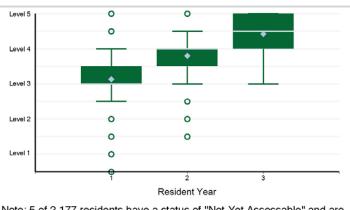
Note: 27 of 2,177 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### 5. Patient Care - Patient Care 5: Procedures (Invasive and Non-Invasive)



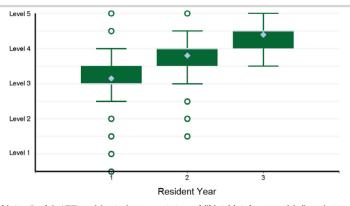
Note: 8 of 2,177 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 2. Patient Care - Patient Care 2: Disease Management in Critical Care



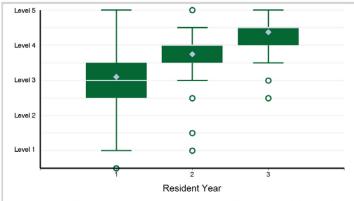
Note: 5 of 2,177 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 4. Patient Care - Patient Care 4: Pre-Procedure Assessment



Note: 8 of 2,177 residents have a status of "Not Yet Assessable" and are not included in the analysis.

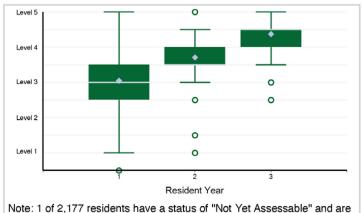
### 6. Medical Knowledge - Medical Knowledge 1: Clinical Reasoning



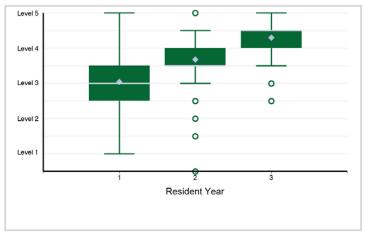
Note: 1 of 2,177 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SUBSPECIALTY: Pulmonary Disease and Critical Care Medicine

# 7. Medical Knowledge - Medical Knowledge 2: Scientific Knowledge of Disease and Therapeutics

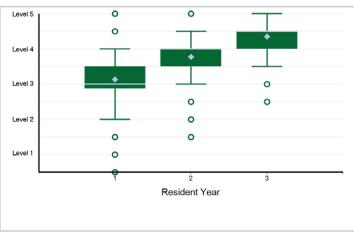


# 8. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement

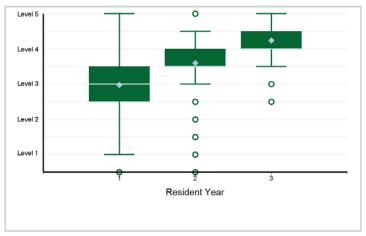


# 9. Systems-Based Practice - Systems-Based Practice 2: Coordination and Transition of Care

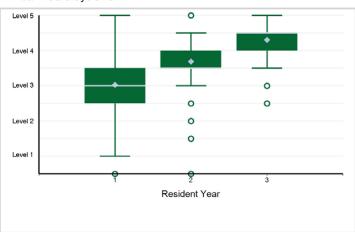
not included in the analysis.



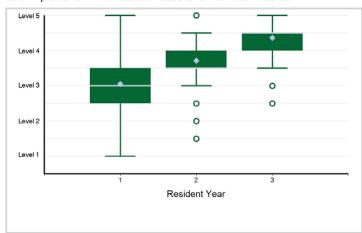
10. Systems-Based Practice - Systems-Based Practice 3: Population Health



# 11. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems

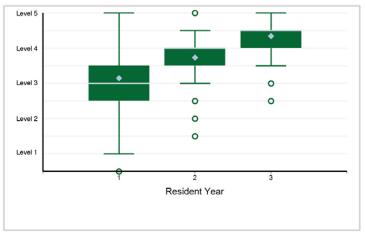


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice

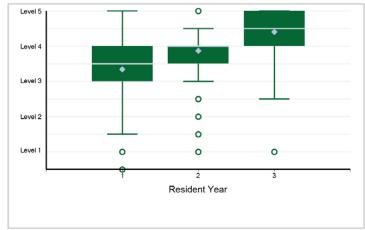


### SUBSPECIALTY: Pulmonary Disease and Critical Care Medicine

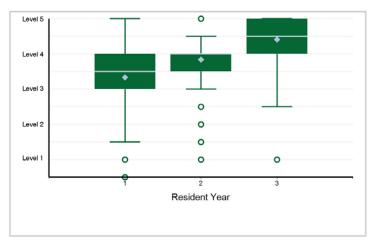
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



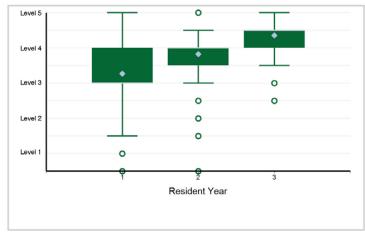
14. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



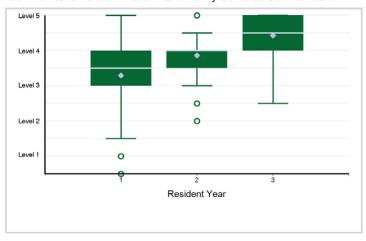
15. Professionalism - Professionalism 2: Accountability



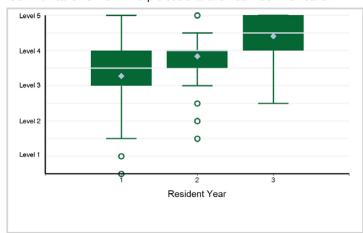
16. Professionalism - Professionalism 3: Well-Being and Resiliency



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

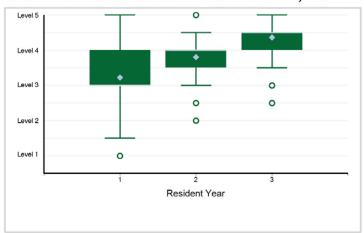


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication

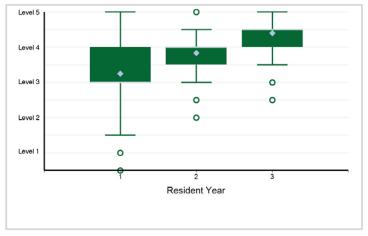


### SUBSPECIALTY: Pulmonary Disease and Critical Care Medicine

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Complex Communication Around Serious ...

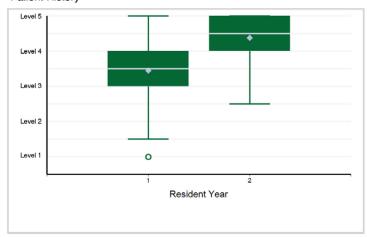


#### TABLE 46: SUBSPECIALTY: Rheumatology

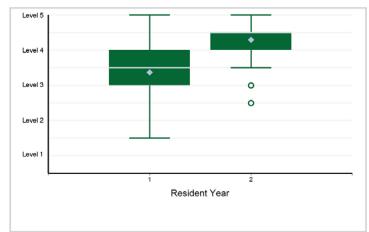
Resident Year	1	2	Total Residents*
# of Residents	269	266	535

<sup>\*</sup>Note: There are 6 residents with an incomplete milestone evaluation that are excluded from the box plots below.

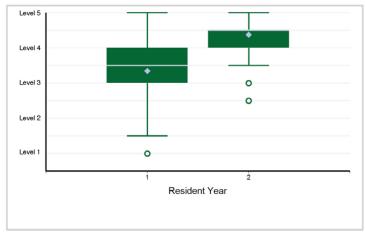
## 1. Patient Care - Patient Care 1: Gathers an Essential and Accurate Patient History



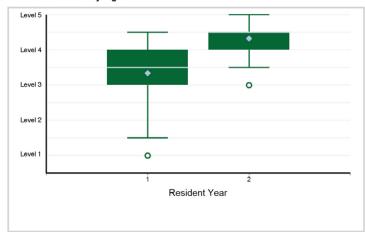
#### 2. Patient Care - Patient Care 2: Physical Examination



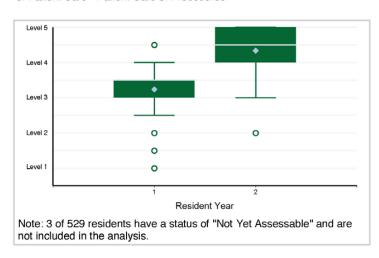
## 3. Patient Care - Patient Care 3: Comprehensive Management Plan Development



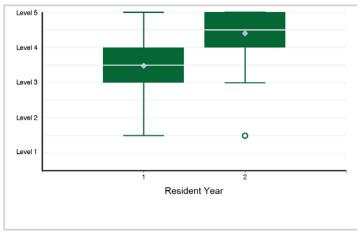
4. Patient Care - Patient Care 4: Therapeutics, including Immunomodulatory Agents



#### 5. Patient Care - Patient Care 5: Procedures

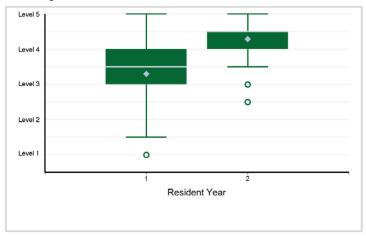


#### 6. Patient Care - Patient Care 6: Provides Consultative Care

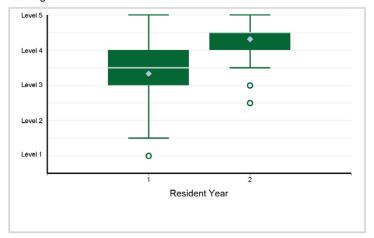


### SUBSPECIALTY: Rheumatology

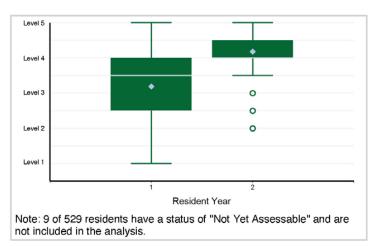
### 7. Medical Knowledge - Medical Knowledge 1: Possesses Clinical Knowledge



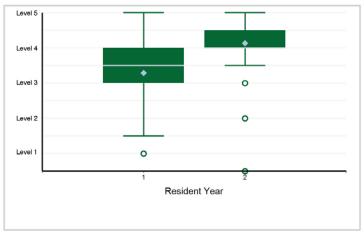
## 8. Medical Knowledge - Medical Knowledge 2: Knowledge of Diagnostic Testing



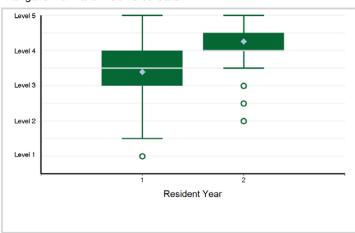
#### 9. Medical Knowledge - Medical Knowledge 3: Scholarly Activity



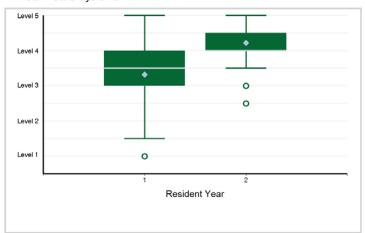
10. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



## 11. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care

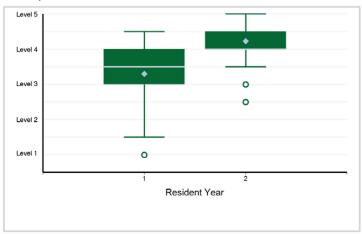


12. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems

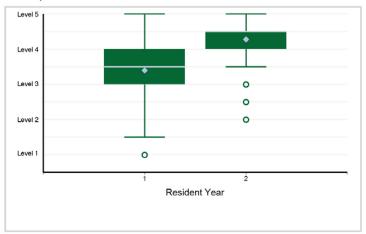


### SUBSPECIALTY: Rheumatology

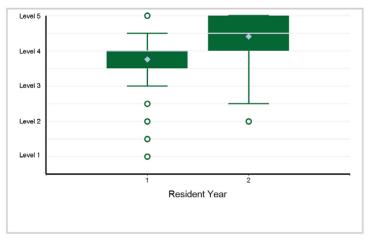
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



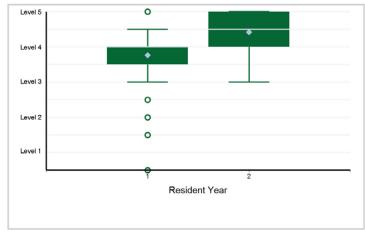
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Commitment to Reflective ...



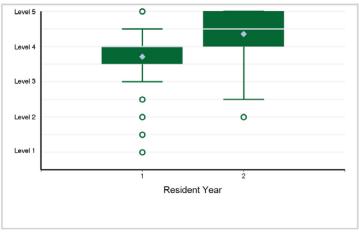
15. Professionalism - Professionalism 1: Professional Behavior



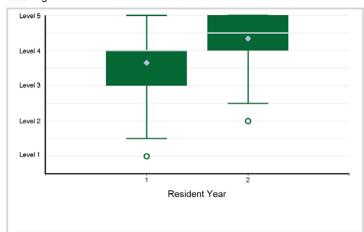
16. Professionalism - Professionalism 2: Ethical Principles



17. Professionalism - Professionalism 3: Accountability/Conscientiousness

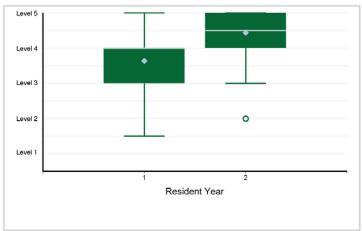


18. Professionalism - Professionalism 4: Self-Awareness and Help-Seeking

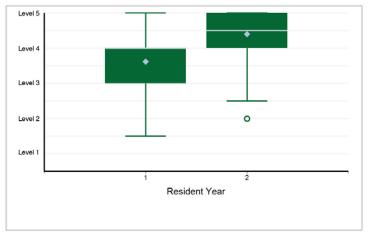


### SUBSPECIALTY: Rheumatology

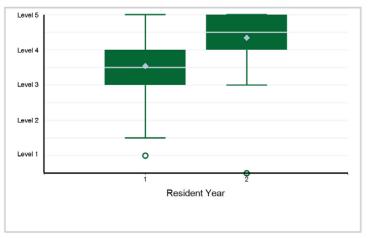
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



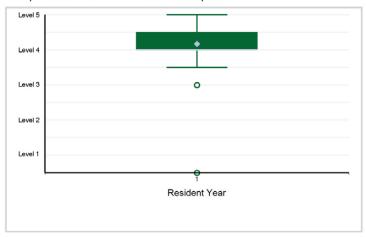
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Patient-Centered ...



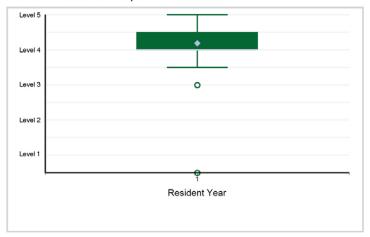
#### TABLE 47: SUBSPECIALTY: Sleep Medicine (multidisciplinary, Internal Medicine)

Resident Year	1	Total Residents
# of Residents	205	205

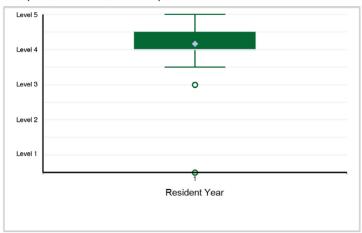
1. Patient Care - Patient Care 1: Gather and Synthesize Information from Sleep Medicine Patients Across the Lifespan



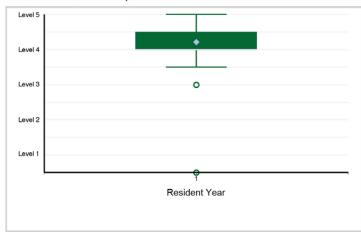
2. Patient Care - Patient Care 2: Use of Diagnostic Tools in Sleep Medicine Across the Lifespan



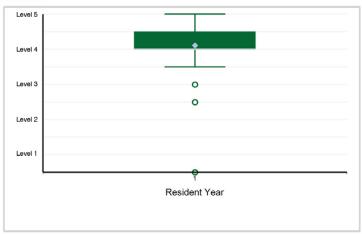
3. Patient Care - Patient Care 3: Interpretation of Physiologic Testing in Sleep Medicine Across the Lifespan



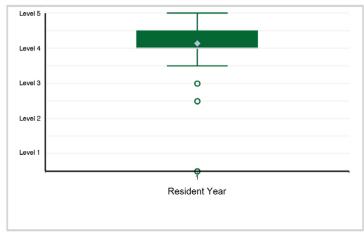
4. Patient Care - Patient Care 4: Management Plan for Sleep Medicine Patients Across the Lifespan



5. Medical Knowledge - Medical Knowledge 1: Sleep Medicine Clinical Science

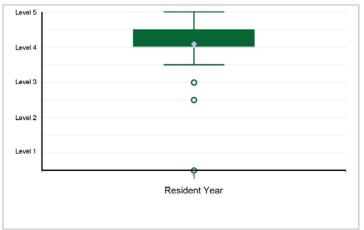


Medical Knowledge - Medical Knowledge 2: Therapeutic Knowledge for Sleep Disorders

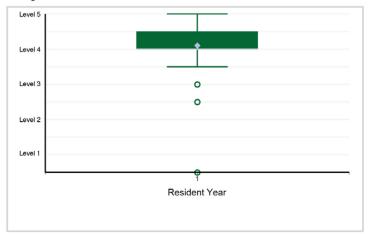


#### SUBSPECIALTY: Sleep Medicine (multidisciplinary, Internal Medicine)

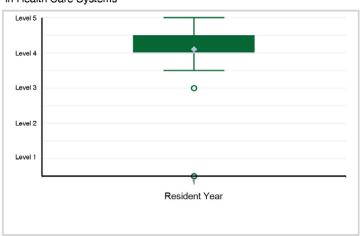
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



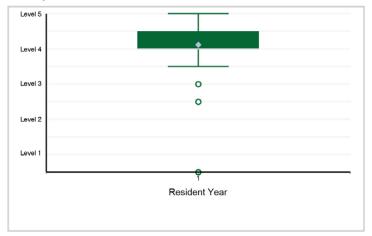
8. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



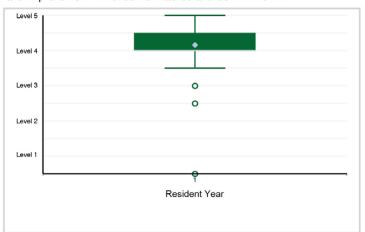
9. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



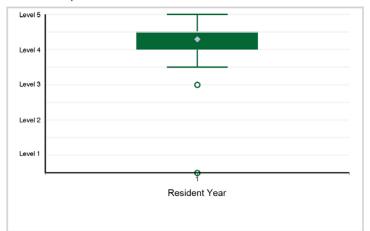
 Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

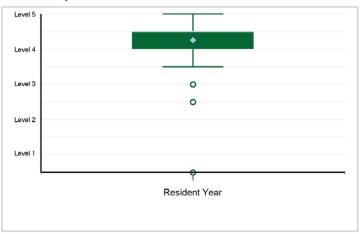


12. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

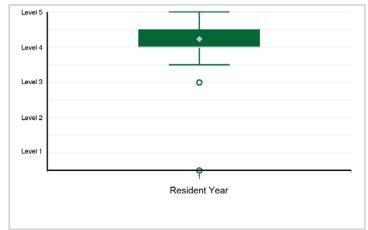


#### SUBSPECIALTY: Sleep Medicine (multidisciplinary, Internal Medicine)

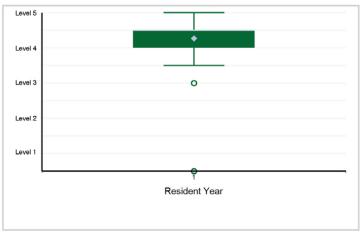
### Professionalism - Professionalism 2: Accountability/Conscientiousness



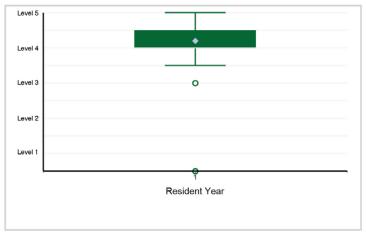
#### Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



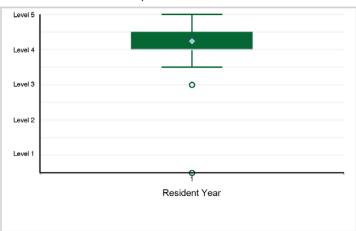
15. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



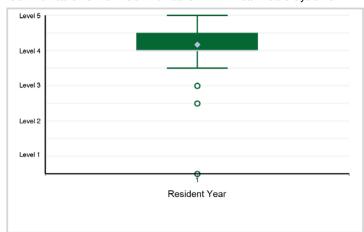
16. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Barrier and Bias Mitigation



## 17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Interprofessional and Team Communication



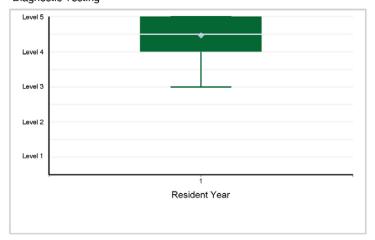
18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Communication within Health Care Systems



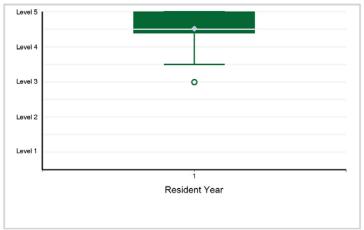
#### TABLE 48: SUBSPECIALTY: Transplant Hepatology

Resident Year	1	Total Residents
# of Residents	48	48

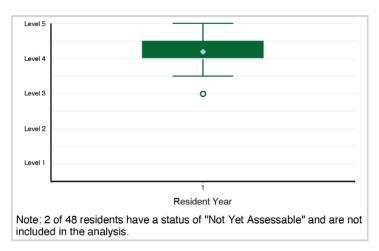
## 1. Patient Care - Patient Care 1: Data Gathering and Non-Procedural Diagnostic Testing



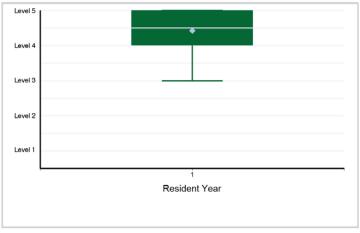
## 2. Patient Care - Patient Care 2: Patient Management in Gastrointestinal and Liver Disease



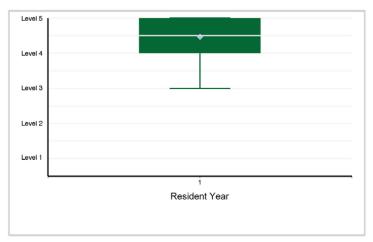
#### 3. Patient Care - Patient Care 3: Technical Procedures - Liver Biopsy



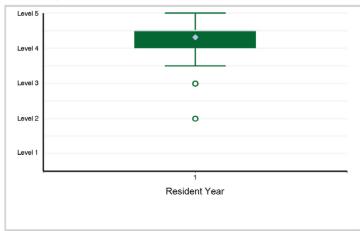
4. Medical Knowledge - Medical Knowledge 1: Clinical Knowledge of Gastrointestinal and Liver Diseases (Non-Procedural)



#### 5. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

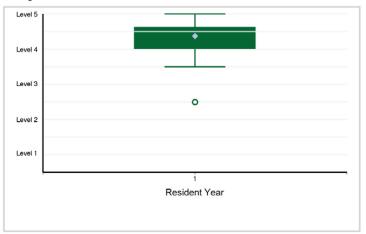


Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement

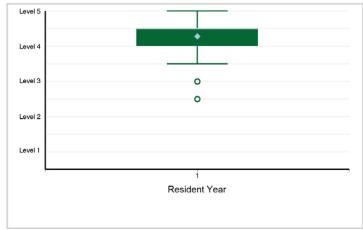


### SUBSPECIALTY: Transplant Hepatology

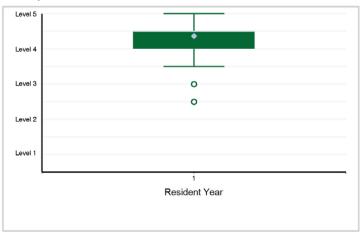
## 7. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



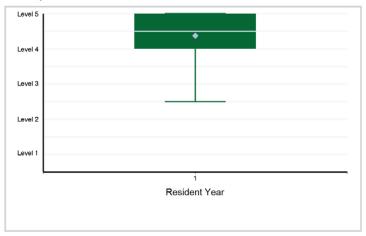
### 8. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



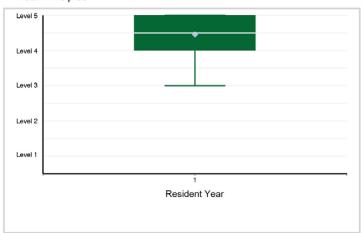
## 9. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



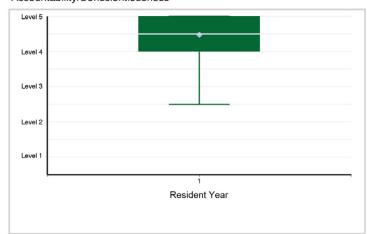
 Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



## 11. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

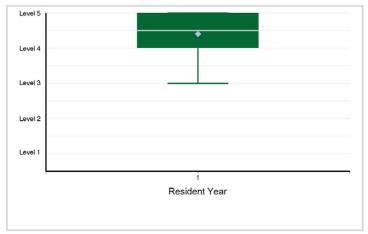


## 12. Professionalism - Professionalism 2: Accountability/Conscientiousness

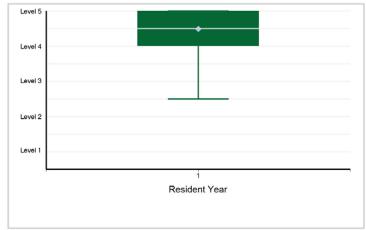


### **SUBSPECIALTY: Transplant Hepatology**

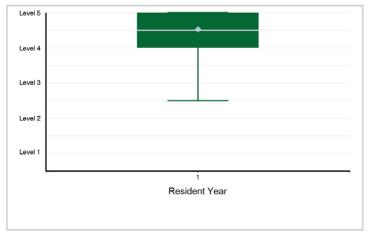
## 13. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



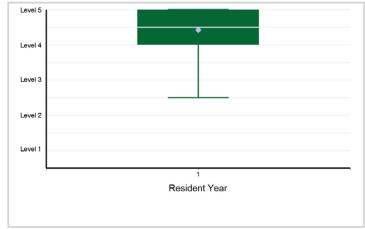
## 14. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



## 15. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



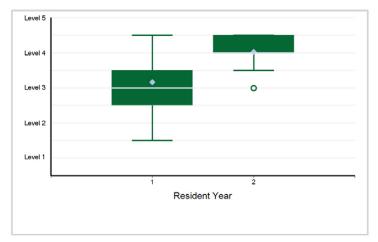
## 16. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



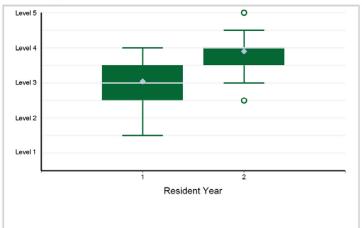
#### TABLE 49: SPECIALTY: Medical Genetics and Genomics

Resident Year	1	2	Total Residents
# of Residents	41	32	73

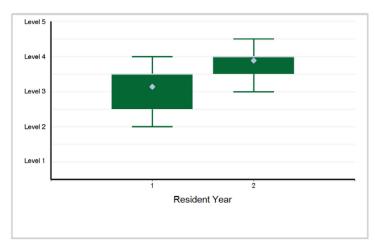
#### 1. Patient Care - Patient Care 1: History and Physical Examination



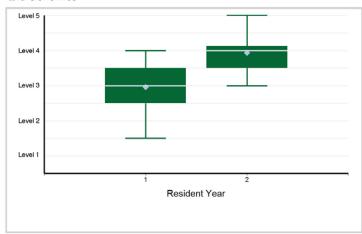
## 2. Patient Care - Patient Care 2: Selecting Tests, Interpreting Results, and Management of Genetic Conditions



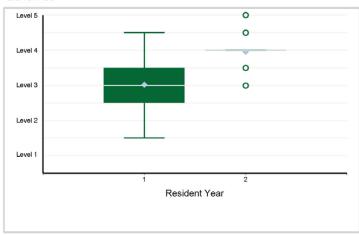
#### 3. Patient Care - Patient Care 3: Pre- and Post-Test Genetic Counseling



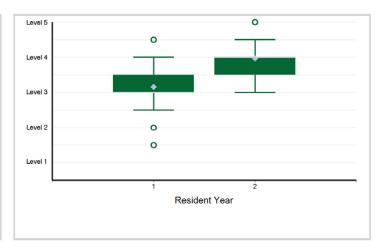
 Medical Knowledge - Medical Knowledge 1: Foundations of Genetics and Genomics



#### Medical Knowledge - Medical Knowledge 2: Clinical Genetics and Genomics

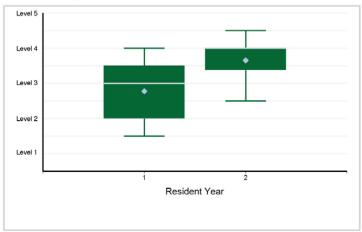


#### 6. Medical Knowledge - Medical Knowledge 3: Clinical Reasoning

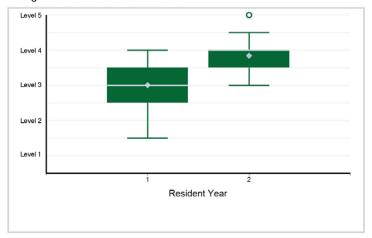


#### **SPECIALTY: Medical Genetics and Genomics**

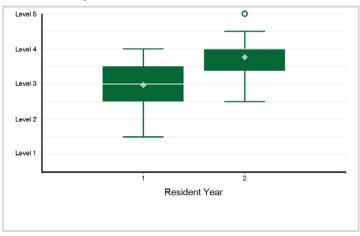
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



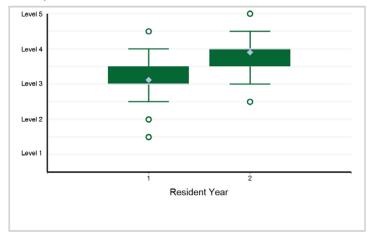
8. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



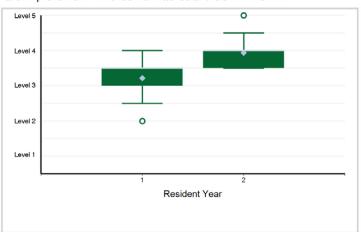
9. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



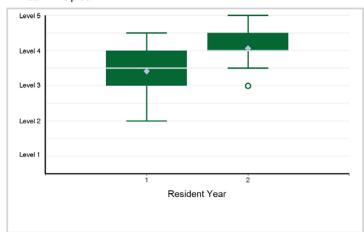
10. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

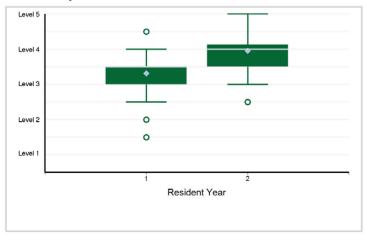


12. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

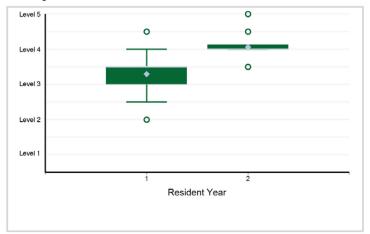


#### **SPECIALTY: Medical Genetics and Genomics**

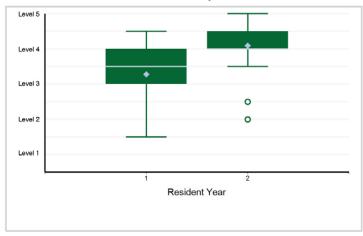
## 13. Professionalism - Professionalism 2: Accountability/Conscientiousness



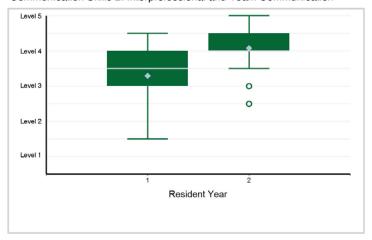
## 14. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



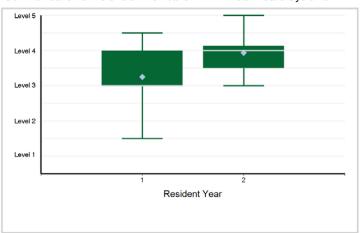
## 15. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient and Family-Centered Communication



16. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



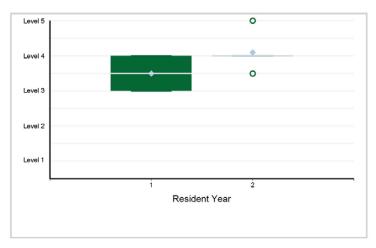
## 17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



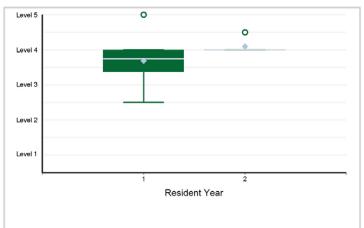
#### TABLE 50: SPECIALTY: Clinical Biochemical Genetics

Resident Year	1	2	Total Residents
# of Residents	8	5	13

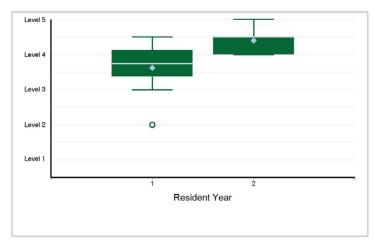
#### 1. Patient Care - Patient Care 1: Pre-Analytic



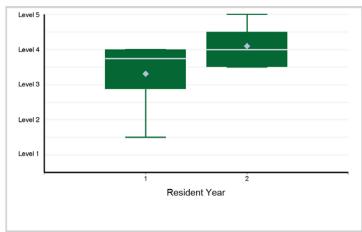
#### 2. Patient Care - Patient Care 2: Analytic



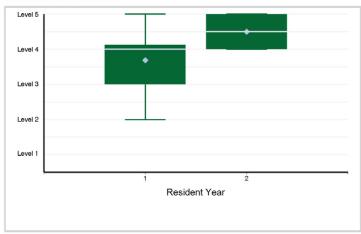
#### 3. Patient Care - Patient Care 3: Post-Analytic Skills



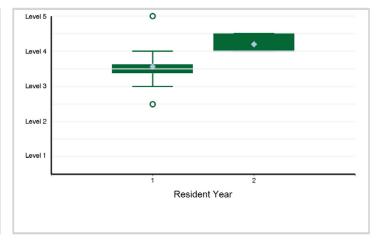
4. Patient Care - Patient Care 4: Reports



## 5. Medical Knowledge - Medical Knowledge 1: Foundations of Medical Genetics and Genomics

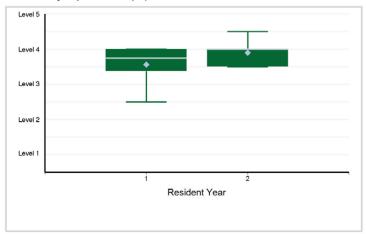


#### 6. Medical Knowledge - Medical Knowledge 2: Testing

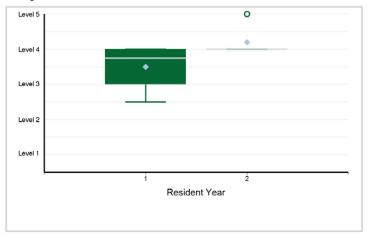


#### SPECIALTY: Clinical Biochemical Genetics

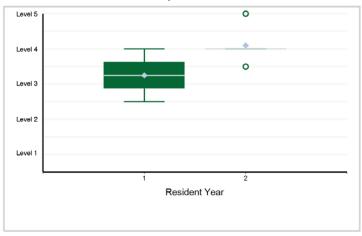
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement (QI)



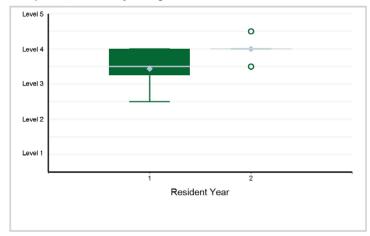
8. Systems-Based Practice - Systems-Based Practice 2: Systems Navigation for Patient-Centered Care



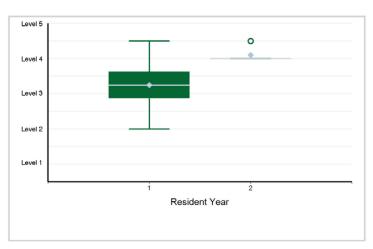
9. Systems-Based Practice - Systems-Based Practice 3: Laboratory Geneticist's Role in Health Care System



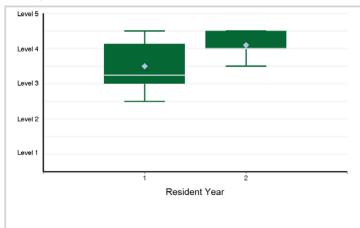
 Systems-Based Practice - Systems-Based Practice 4: Accreditation, Compliance, and Quality Management



11. Systems-Based Practice - Systems-Based Practice 5: Informatics

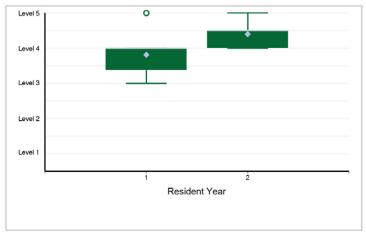


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based Practice

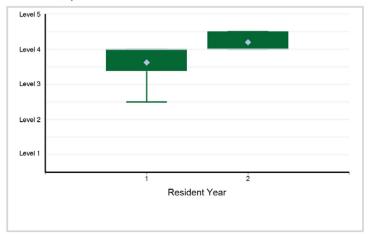


#### SPECIALTY: Clinical Biochemical Genetics

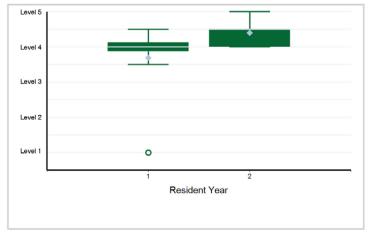
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



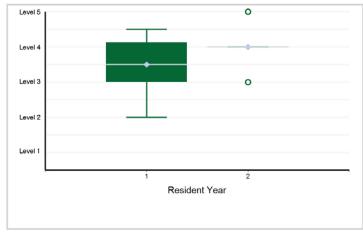
14. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



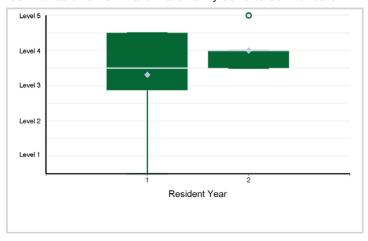
15. Professionalism - Professionalism 2: Accountability and Conscientiousness



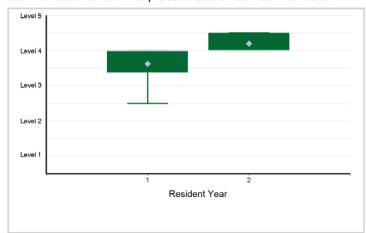
16. Professionalism - Professionalism 3: Personal and Professional Well-Being



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

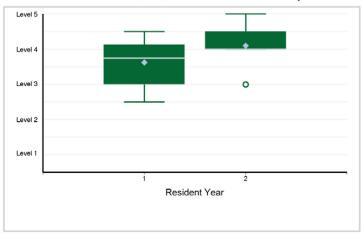


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



### **SPECIALTY: Clinical Biochemical Genetics**

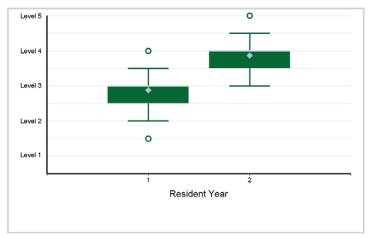
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



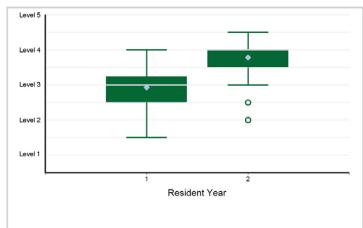
#### TABLE 51: SPECIALTY: Laboratory Genetics and Genomics

Resident Year	1	2	Total Residents
# of Residents	31	35	66

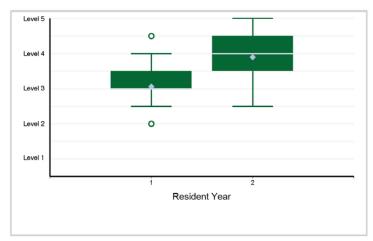
#### 1. Patient Care - Patient Care 1: Pre-Analytic



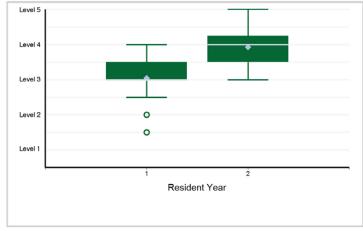
#### 2. Patient Care - Patient Care 2: Analytic



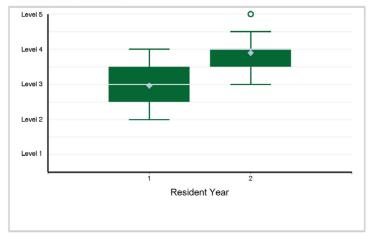
#### 3. Patient Care - Patient Care 3: Post-Analytic Skills



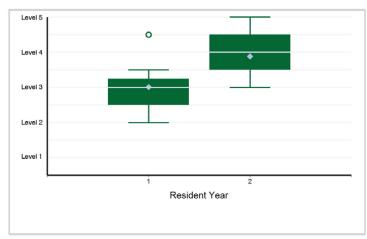
4. Patient Care - Patient Care 4: Reports



## 5. Medical Knowledge - Medical Knowledge 1: Foundations of Medical Genetics and Genomics

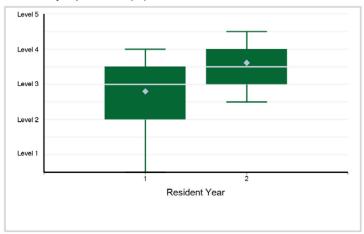


#### 6. Medical Knowledge - Medical Knowledge 2: Testing

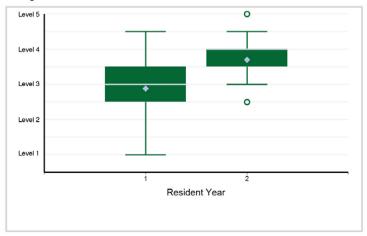


#### SPECIALTY: Laboratory Genetics and Genomics

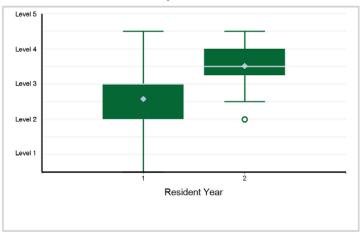
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement (QI)



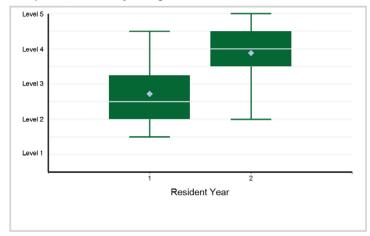
8. Systems-Based Practice - Systems-Based Practice 2: Systems Navigation for Patient-Centered Care



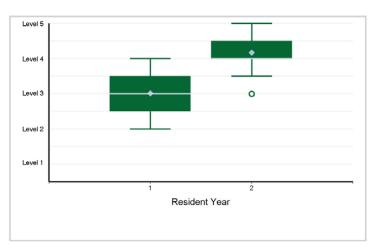
9. Systems-Based Practice - Systems-Based Practice 3: Laboratory Geneticist's Role in Health Care System



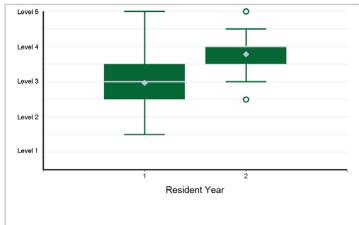
 Systems-Based Practice - Systems-Based Practice 4: Accreditation, Compliance, and Quality Management



11. Systems-Based Practice - Systems-Based Practice 5: Informatics

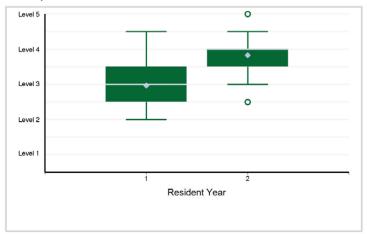


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based Practice

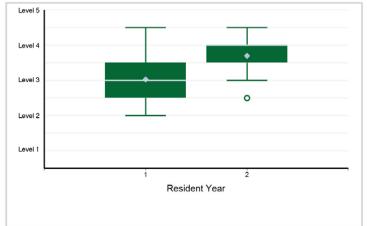


#### **SPECIALTY: Laboratory Genetics and Genomics**

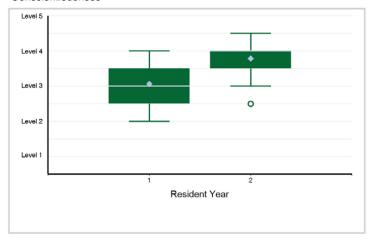
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



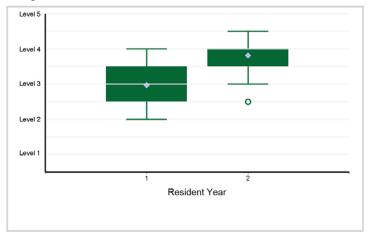
14. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



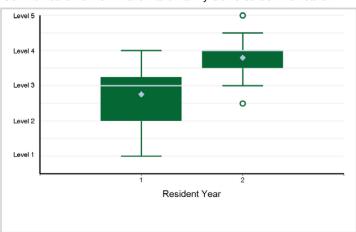
15. Professionalism - Professionalism 2: Accountability and Conscientiousness



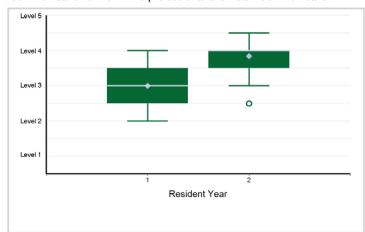
 Professionalism - Professionalism 3: Personal and Professional Well-Being



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient and Family-Centered Communication

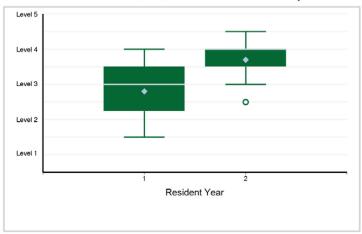


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



### **SPECIALTY: Laboratory Genetics and Genomics**

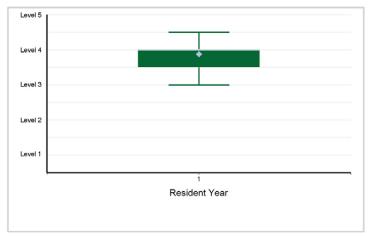
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



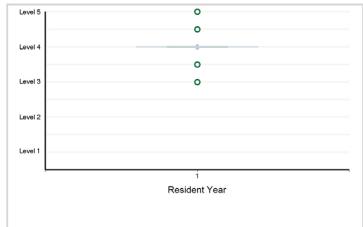
#### TABLE 52: SUBSPECIALTY: Medical Biochemical Genetics

Resident Year	1	Total Residents
# of Residents	17	17

1. Patient Care - Initial or Acute Management — Patient Care 1



2. Patient Care - Chronic Management — Patient Care 2



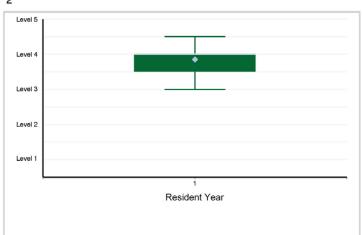
3. Patient Care - Newborn Screening (NBS) - Patient Care 3



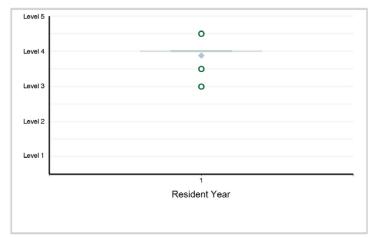
 Medical Knowledge - Molecular and Metabolic Mechanisms — Medical Knowledge 1



Medical Knowledge - Newborn Screening (NBS) — Medical Knowledge

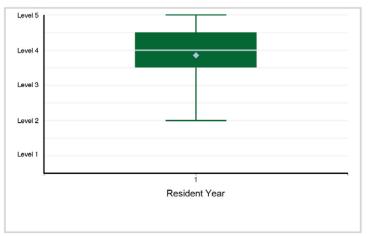


6. Medical Knowledge - Diagnostic Testing — Medical Knowledge 3

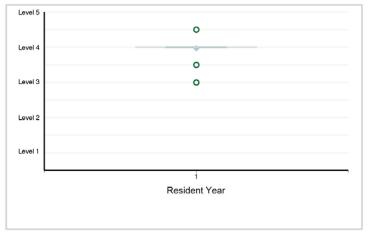


#### SUBSPECIALTY: Medical Biochemical Genetics

### 7. Systems-Based Practice - Systems Approach — Systems-Based Practice 1



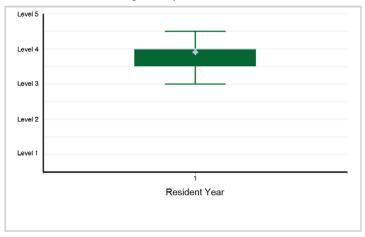
#### Systems-Based Practice - Newborn Screening Systems — Systems-Based Practice 2



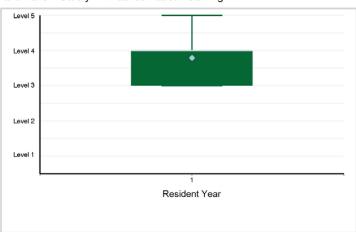
## 9. Systems-Based Practice - Transitions of Care — Systems-Based Practice 3



Practice-Based Learning and Improvement - Self-Directed Learning
 Practice-Based Learning and Improvement 1



## 11. Practice-Based Learning and Improvement - Process Improvement and Patient Safety — Practice-Based Learning ...



### 12. Professionalism - Giving and Receiving Feedback — Professionalism

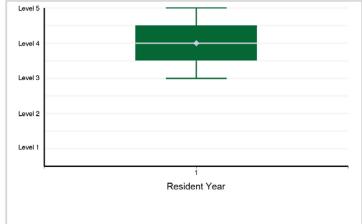


#### SUBSPECIALTY: Medical Biochemical Genetics

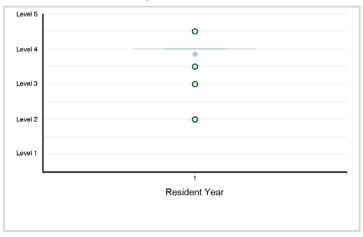
13. Professionalism - Cultural Competency — Professionalism 2



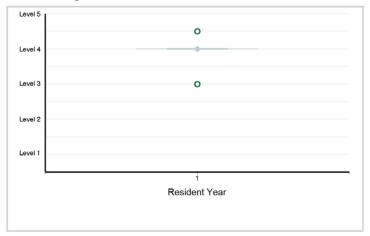
14. Professionalism - Accountability and Integrity — Professionalism 3



15. Interpersonal and Communication Skills - Communicates with Patients and Families — Interpersonal and ...



16. Interpersonal and Communication Skills - Communication and Conflict Management within the Health Care ...



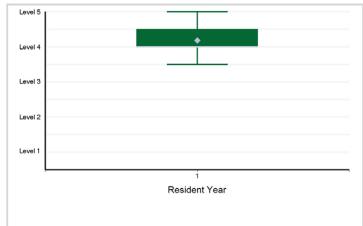
#### TABLE 53: SUBSPECIALTY: Molecular Genetic Pathology (multidisciplinary, Medical Genetics and Genomics)

Resident Year	1	Total Residents
# of Residents	59	59

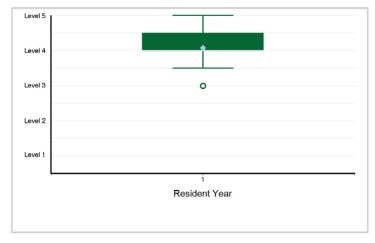
## 1. Patient Care - Patient Care 1: Quality Assurance and Quality Management



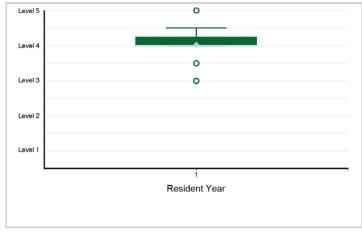
## 2. Patient Care - Patient Care 2: Interpretation of Molecular and Genetic Testing



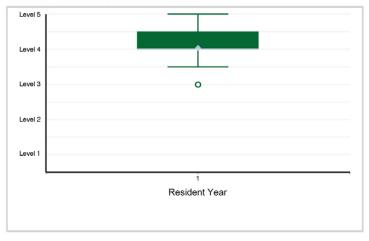
#### 3. Patient Care - Patient Care 3: Interdisciplinary Consultation



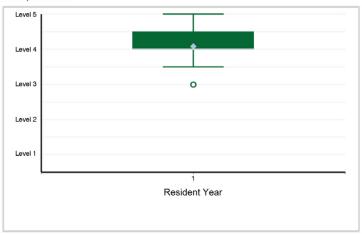
4. Medical Knowledge - Medical Knowledge 1: Molecular Testing with Various Platforms (Diagnosis, Management, Prognostication)



# 5. Medical Knowledge - Medical Knowledge 2: Genomic Testing, Genomic Databases, and Bioinformatics

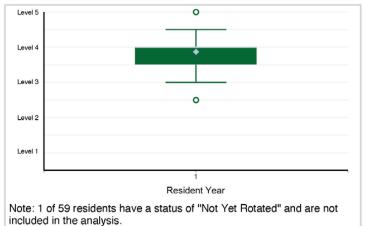


# 6. Medical Knowledge - Medical Knowledge 3: Patient-Centered Interpretation

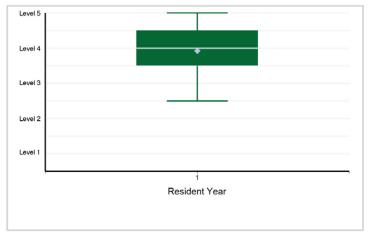


#### SUBSPECIALTY: Molecular Genetic Pathology (multidisciplinary, Medical Genetics and Genomics)

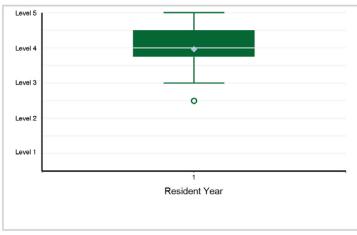
7. Medical Knowledge - Medical Knowledge 4: Assay Design and Verification/Validation (e.g., Wet Labs, Troubleshooting)



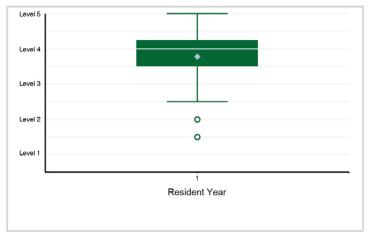
8. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement (QI)



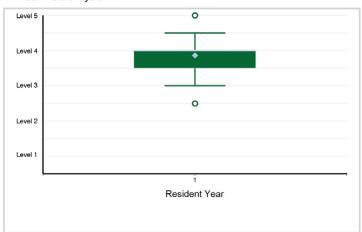
9. Systems-Based Practice - Systems-Based Practice 2: Systems Navigation for Patient-Centered Care



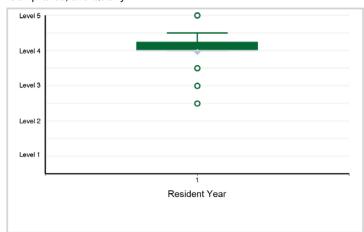
 Systems-Based Practice - Systems-Based Practice 3: Community Health



11. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care System

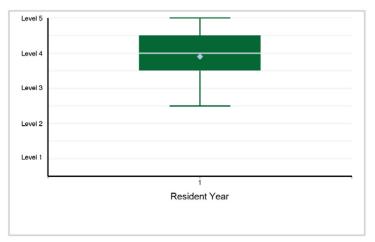


12. Systems-Based Practice - Systems-Based Practice 5: Accreditation, Compliance, and Quality

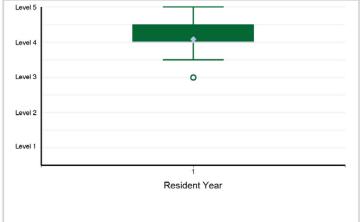


#### SUBSPECIALTY: Molecular Genetic Pathology (multidisciplinary, Medical Genetics and Genomics)

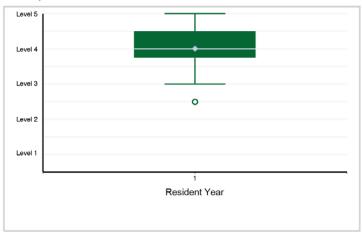
#### 13. Systems-Based Practice - Systems-Based Practice 6: Utilization



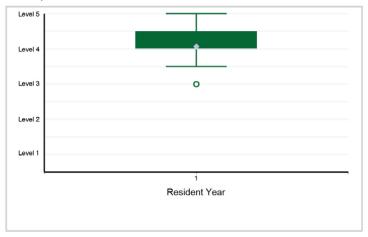
## 14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based Practice and Scholarship



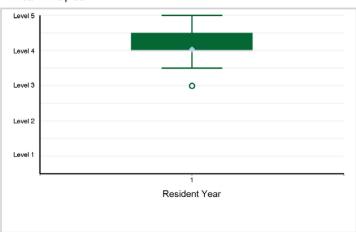
## 15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Research



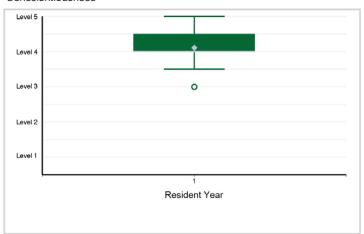
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 3: Reflective Practice and Commitment ...



## 17. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

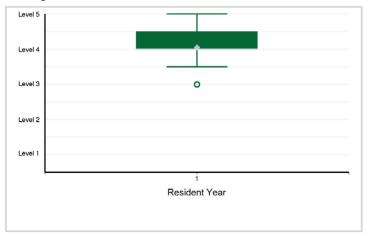


18. Professionalism - Professionalism 2: Accountability and Conscientiousness

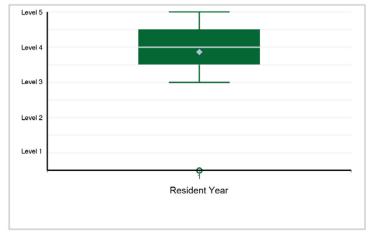


#### SUBSPECIALTY: Molecular Genetic Pathology (multidisciplinary, Medical Genetics and Genomics)

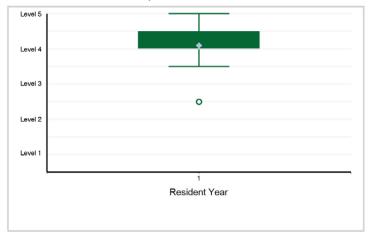
## 19. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



## 20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



## 21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



## 22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

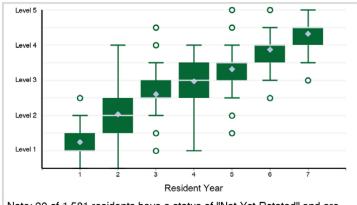


#### TABLE 54: SPECIALTY: Neurological Surgery

Resident Year	1	2	3	4	5	6	7	Total Residents*
# of Residents	237	239	232	212	218	222	222	1,582

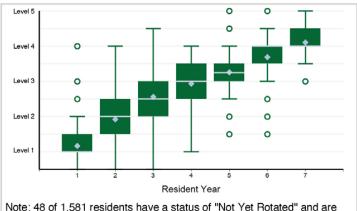
<sup>\*</sup>Note: There are 1 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### 1. Patient Care - 1: Brain Tumor



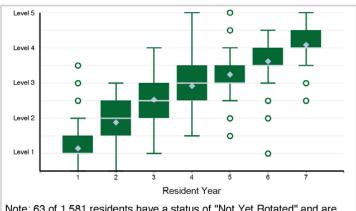
Note: 30 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 2. Patient Care - 2: Surgical Treatment of Epilepsy and Movement Disorders



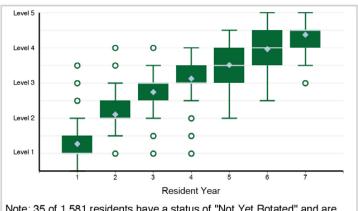
Note: 48 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 3. Patient Care - 3: Pain and Peripheral Nerve Disorders



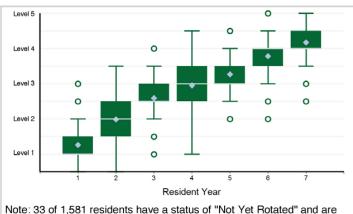
Note: 63 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 4. Patient Care - 4: Spinal Neurological Surgery



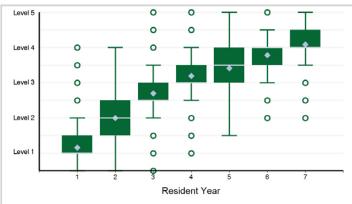
Note: 35 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 5. Patient Care - 5: Vascular Neurological Surgery



Note: 33 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

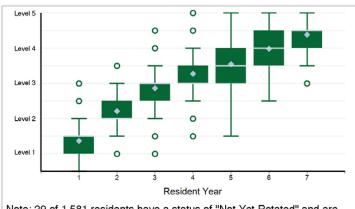
#### 6. Patient Care - 6: Pediatric Neurological Surgery



Note: 169 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

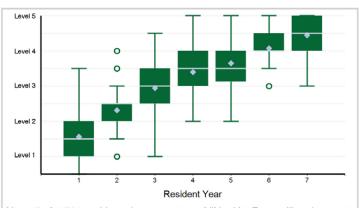
#### SPECIALTY: Neurological Surgery

#### 7. Patient Care - 7: Traumatic Brain Injury (TBI)



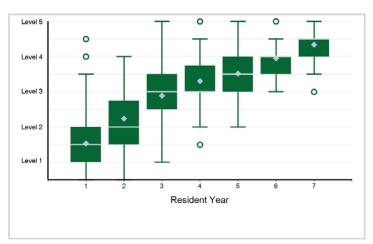
Note: 29 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 9. Medical Knowledge - 1: Information Gathering and Interpretation

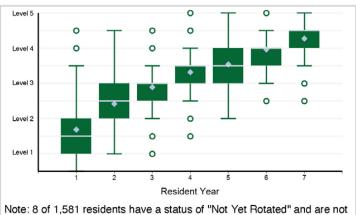


Note: 5 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 11. Systems-Based Practice - 1: Patient Safety

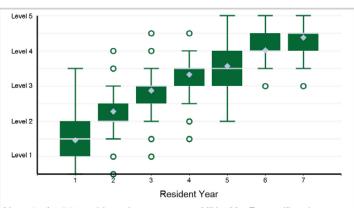


#### 8. Patient Care - 8: Critical Care



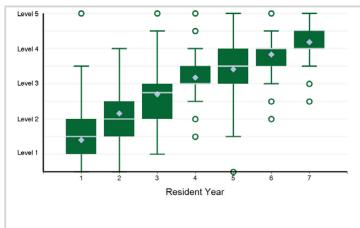
Note: 8 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 10. Medical Knowledge - 2: Critical Thinking for Diagnosis and Therapy



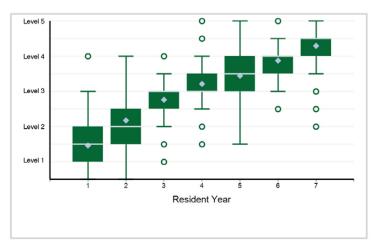
Note: 9 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 12. Systems-Based Practice - 2: Quality Improvement

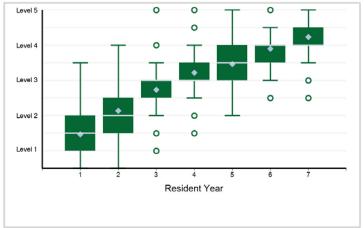


### SPECIALTY: Neurological Surgery

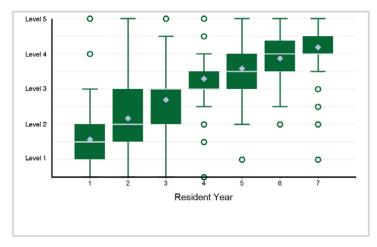
#### 13. Systems-Based Practice - 3: Health Care Systems Awareness



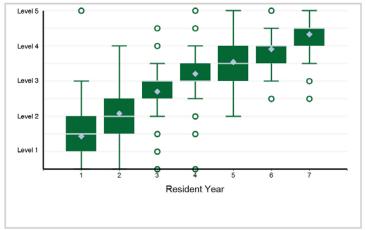
## 14. Practice-Based Learning and Improvement - 1: Evidence-Based Practice



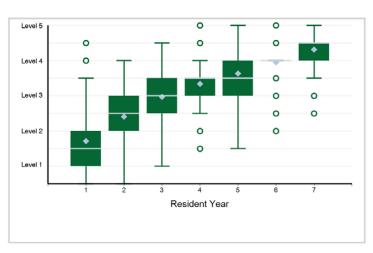
#### 15. Practice-Based Learning and Improvement - 2: Research



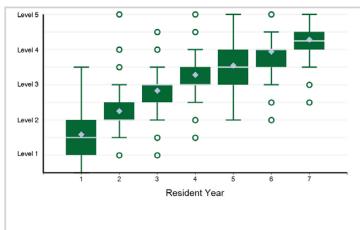
### 16. Practice-Based Learning and Improvement - 3: Mentorship and Teaching



#### 17. Professionalism - 1: Ethical Behavior

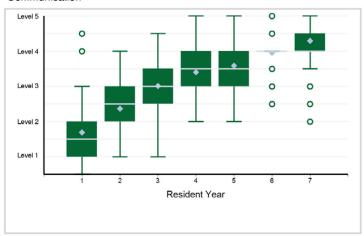


#### 18. Professionalism - 2: Well-Being

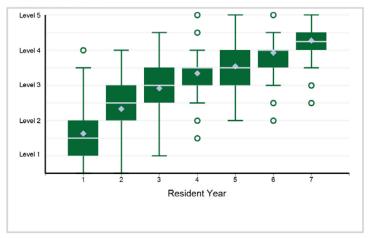


### SPECIALTY: Neurological Surgery

## 19. Interpersonal and Communication Skills - 1: Patient and Family Communication



## 20. Interpersonal and Communication Skills - 2: Communication in Coordination of Care

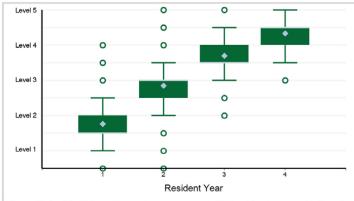


#### TABLE 55: SPECIALTY: Neurology

Resident Year	1	2	3	4	Total Residents*
# of Residents	659	965	911	850	3,385

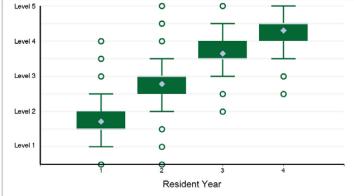
<sup>\*</sup>Note: There are 5 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### Patient Care - Patient Care 1: History



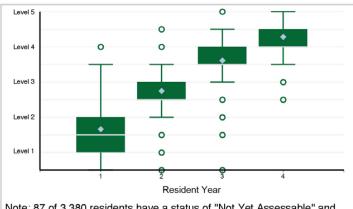
Note: 100 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

2. Patient Care - Patient Care 2: Neurologic Exam



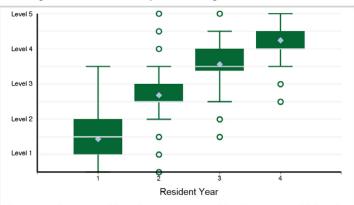
Note: 103 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Formulation



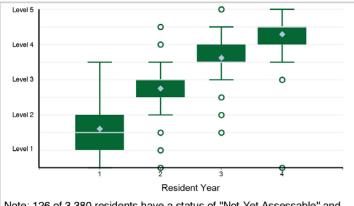
Note: 87 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 4. Patient Care - Patient Care 4: Diagnosis and Management of Neurologic Disorders in the Outpatient Setting



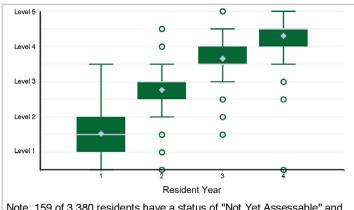
Note: 218 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 5. Patient Care - Patient Care 5: Diagnosis and Management of Neurologic Disorders in the Inpatient Setting



Note: 126 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

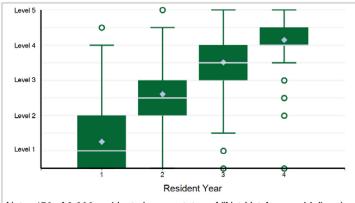
#### 6. Patient Care - Patient Care 6: Diagnosis and Management of Neurologic Emergencies



Note: 159 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

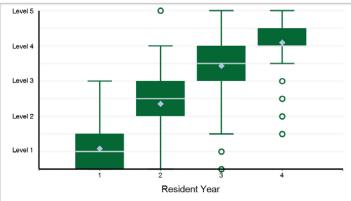
#### SPECIALTY: Neurology

## 7. Patient Care - Patient Care 7: Determination of Death by Neurologic Criteria



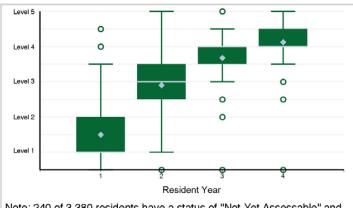
Note: 456 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 9. Patient Care - Patient Care 9: Electroencephalogram (EEG)



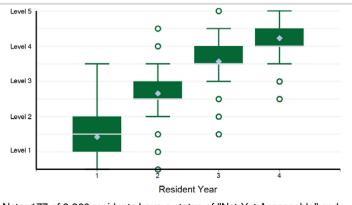
Note: 370 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 11. Patient Care - Patient Care 11: Lumbar Puncture



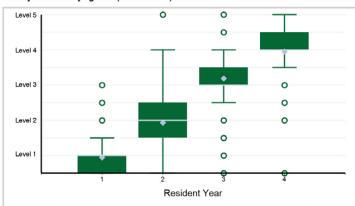
Note: 240 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 8. Patient Care - Patient Care 8: Interpretation of Neuroimaging



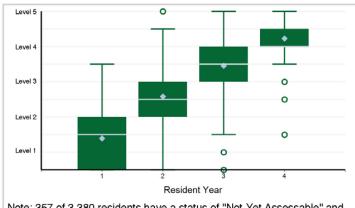
Note: 177 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

## 10. Patient Care - Patient Care 10: Nerve Conduction Study/Electromyogram (NCS/EMG)



Note: 569 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

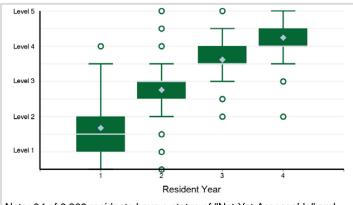
## 12. Patient Care - Patient Care 12: Psychiatric and Functional Aspects of Neurology



Note: 357 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

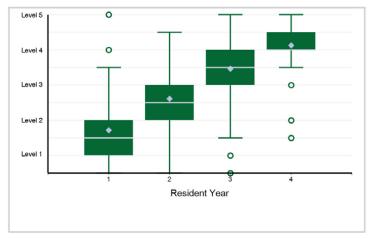
### **SPECIALTY: Neurology**

#### 13. Medical Knowledge - Medical Knowledge 1: Localization

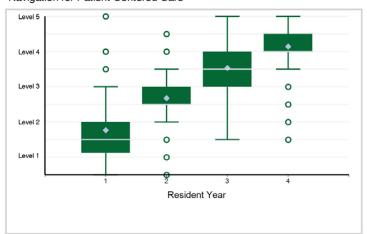


Note: 84 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

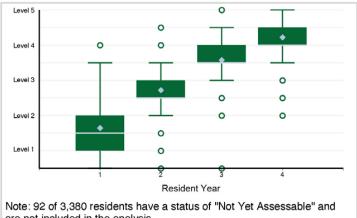
#### 15. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



#### 17. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care

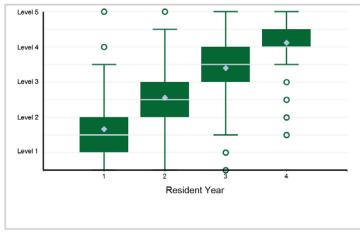


#### 14. Medical Knowledge - Medical Knowledge 2: Diagnostic Investigation

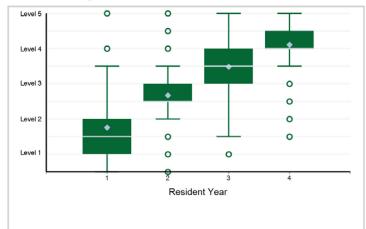


are not included in the analysis.

#### 16. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement

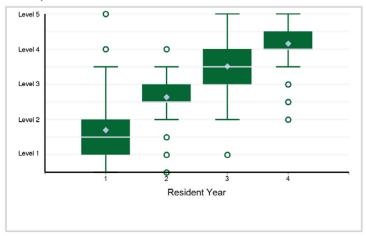


#### 18. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems

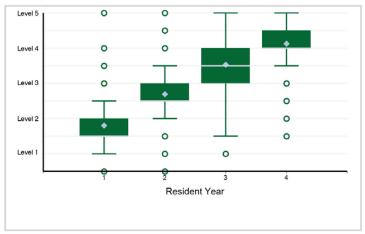


### **SPECIALTY: Neurology**

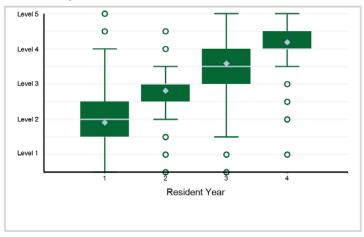
19. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



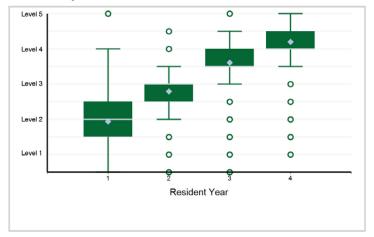
20. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



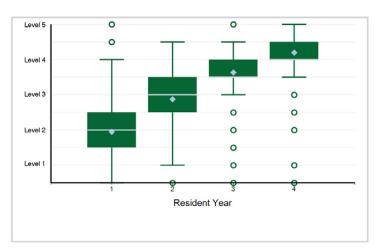
21. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



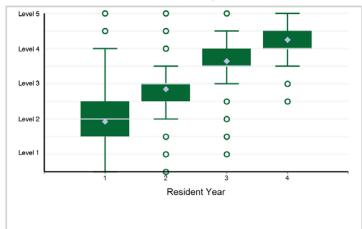
22. Professionalism - Professionalism 2: Accountability/Conscientiousness



23. Professionalism - Professionalism 3: Well-Being

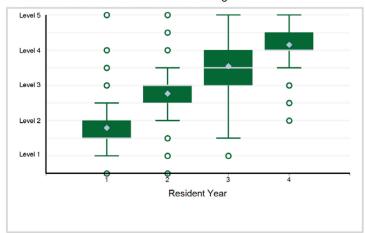


24. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

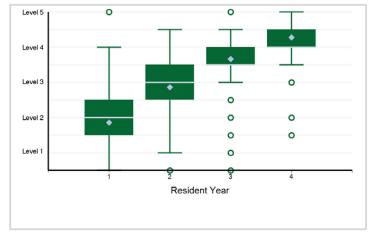


## SPECIALTY: Neurology

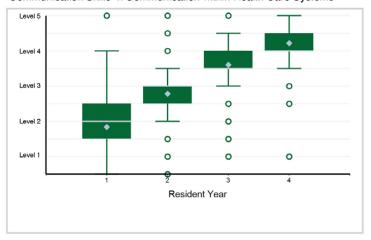
25. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Barrier and Bias Mitigation



26. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Interprofessional and Team Communication



27. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Communication within Health Care Systems

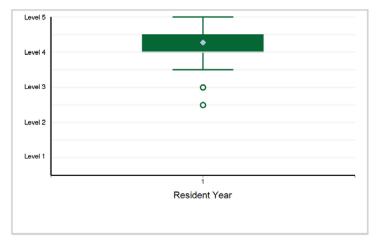


### TABLE 56: SUBSPECIALTY: Clinical Neurophysiology

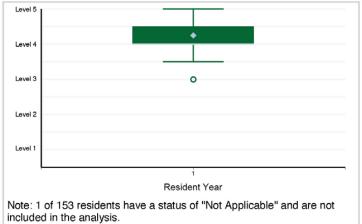
Resident Year	1	Total Residents*	
# of Residents	154	154	

<sup>\*</sup>Note: There are 1 residents with an incomplete milestone evaluation that are excluded from the box plots below.

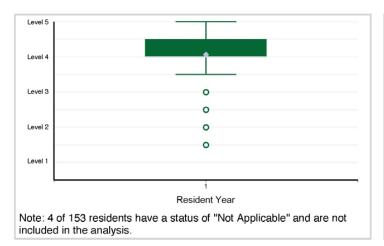
#### Patient Care - History — Patient Care



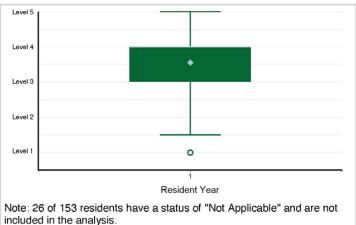
#### 2. Patient Care - Neurological Exam — Patient Care



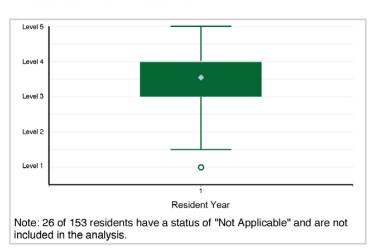
#### 3. Patient Care - Electroencephalogram (EEG) — Patient Care



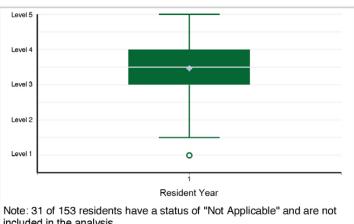
#### 4. Patient Care - Nerve Conduction Studies (NCS) — Patient Care



#### 5. Patient Care - EMG - Patient Care



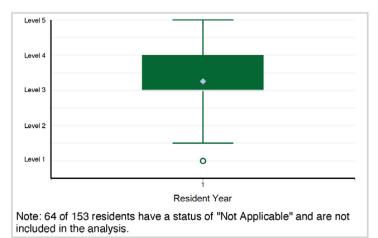
#### 6. Patient Care - Evoked Potential (EP)/Intraoperative Monitoring (IOM) Patient Care



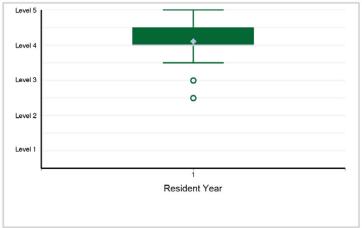
included in the analysis.

## SUBSPECIALTY: Clinical Neurophysiology

#### 7. Patient Care - Sleep Disorders — Patient Care



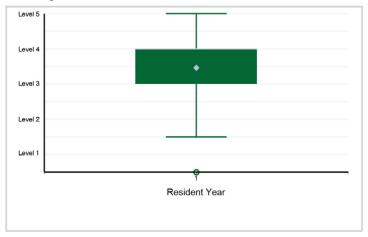
8. Medical Knowledge - Localization — Medical Knowledge



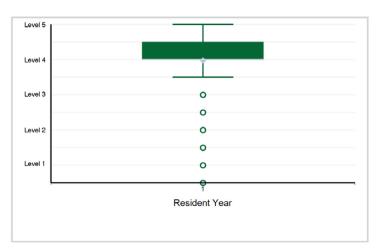
# 9. Medical Knowledge - Planning Neurophysiologic Testing — Medical Knowledge



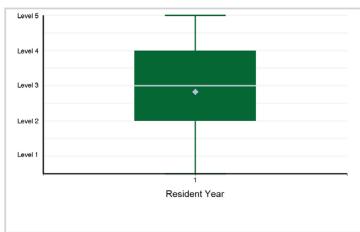
10. Medical Knowledge - Neuromuscular Disorders — Medical Knowledge



#### 11. Medical Knowledge - Epilepsy — Medical Knowledge

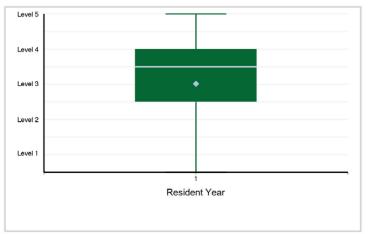


12. Medical Knowledge - Sleep Disorders — Medical Knowledge

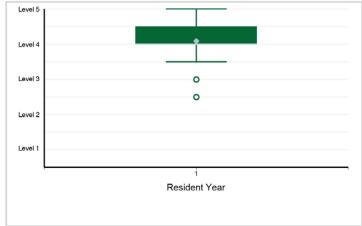


## SUBSPECIALTY: Clinical Neurophysiology

13. Medical Knowledge - EP/IOM — Medical Knowledge



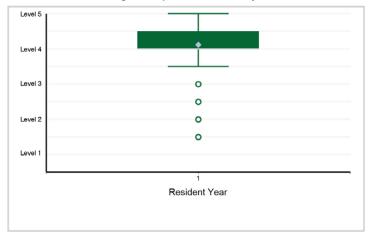
 Systems-Based Practice - Systems thinking, including cost- and riskeffective practice — Systems-Based Practice



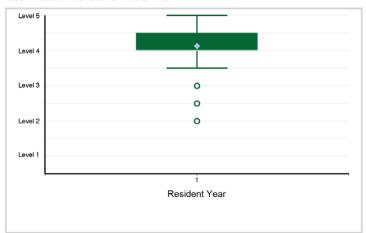
15. Systems-Based Practice - Work in interprofessional teams to enhance patient safety — Systems-Based Practice



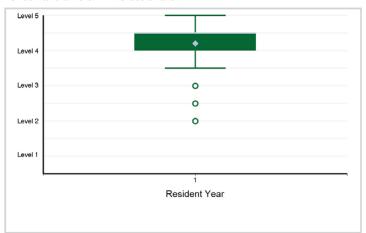
16. Practice-Based Learning and Improvement - Self-directed learning — Practice-Based Learning and Improvement • Identify ...



17. Practice-Based Learning and Improvement - Locate, appraise, and assimilate evidence from scientific ...

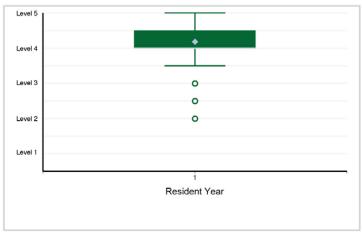


18. Professionalism - Compassion, integrity, accountability, and respect for self and others — Professionalism

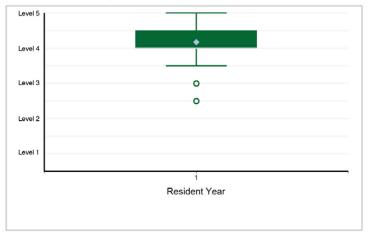


## SUBSPECIALTY: Clinical Neurophysiology

19. Professionalism - Knowledge about, respect for, and adherence to the ethical principles relevant to  $\dots$ 



20. Interpersonal and Communication Skills - Relationship development, teamwork, and managing conflict — ...



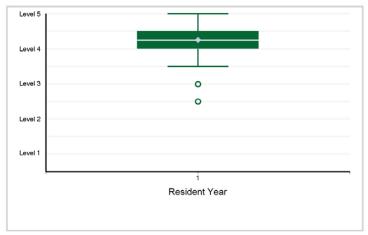
21. Interpersonal and Communication Skills - Information sharing, gathering, and technology — Interpersonal ...



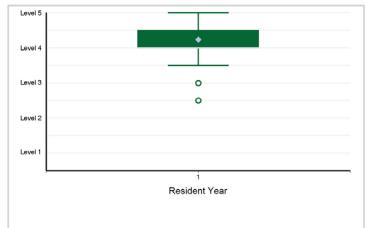
### TABLE 57: SUBSPECIALTY: Epilepsy

Resident Year	1	Total Residents
# of Residents	158	158

#### 1. Patient Care - History - Patient Care



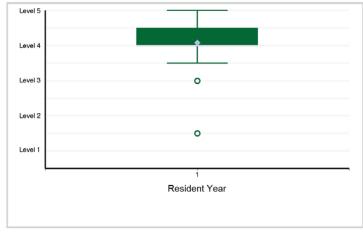
#### 2. Patient Care - Neurological Examination — Patient Care



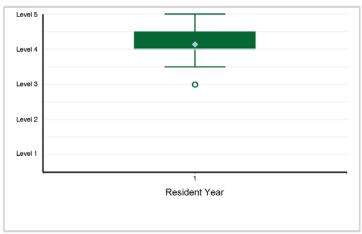
#### 3. Patient Care - Medical Management — Patient Care



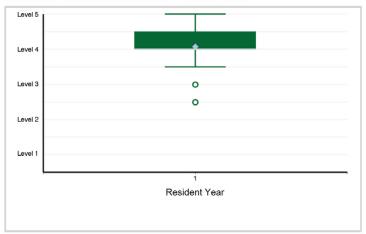
4. Patient Care - Surgical Management — Patient Care



# 5. Patient Care - Emergent and Critical Care Management — Patient Care

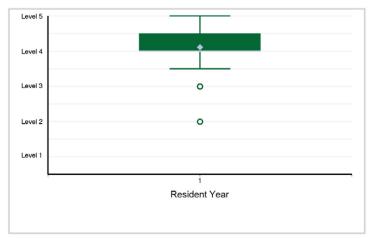


6. Patient Care - Cognitive, Behavioral, and Psychiatric Disorders Associated with Seizure Disorders — Patient Care

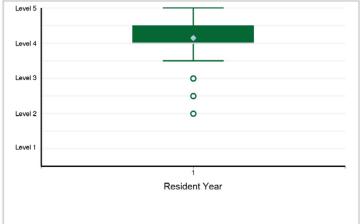


## SUBSPECIALTY: Epilepsy

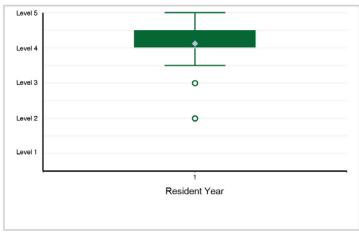
7. Medical Knowledge - Epilepsy Localization — Medical Knowledge



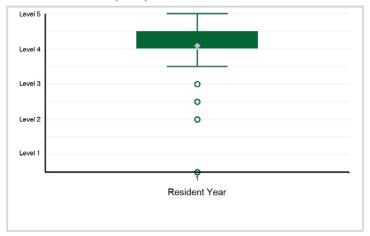
8. Medical Knowledge - Diagnostic Investigation — Medical Knowledge



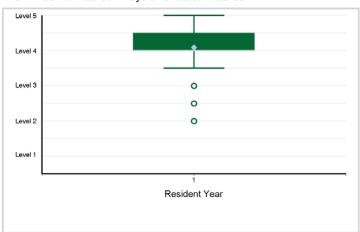
9. Medical Knowledge - Seizure and Epilepsy Classification — Medical Knowledge



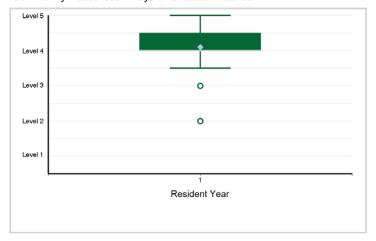
10. Systems-Based Practice - Work in Interprofessional Teams to Enhance Patient Safety — Systems-Based Practice



11. Systems-Based Practice - Systems Thinking, Including Cost- and Risk-Effective Practice — Systems-Based Practice

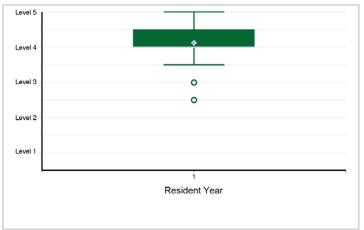


12. Systems-Based Practice - Advocacy, Continuum of Care, and Community Resources — Systems-Based Practice

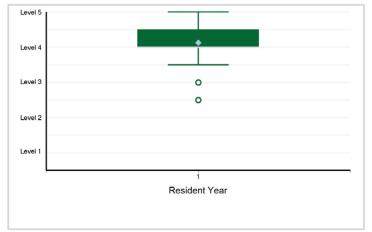


## SUBSPECIALTY: Epilepsy

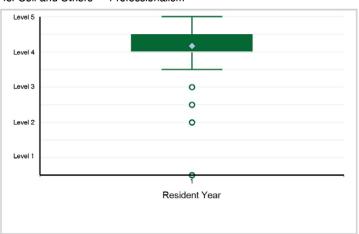
 Practice-Based Learning and Improvement - Self-directed learning — Practice-Based Learning and Improvement ...



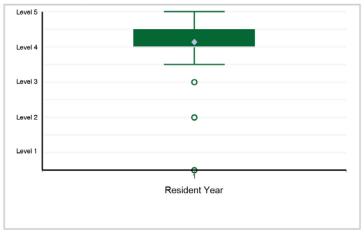
14. Practice-Based Learning and Improvement - Locate, Appraise, and Assimilate Evidence from Scientific ...



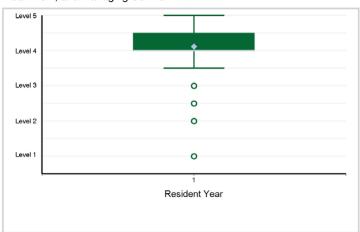
 Professionalism - Compassion, Integrity, Accountability, and Respect for Self and Others — Professionalism



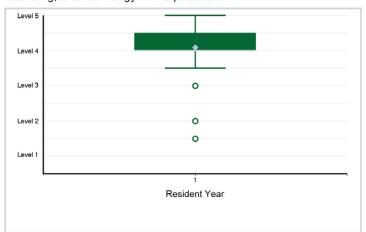
16. Professionalism - Knowledge about, Respect for, and Adherence to the Ethical Principles Relevant to  $\dots$ 



17. Interpersonal and Communication Skills - Relationship Development, Teamwork, and Managing Conflict — ...



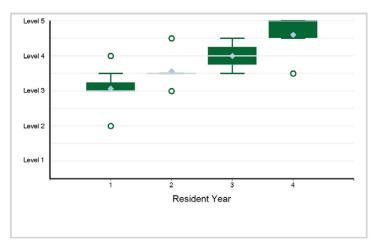
18. Interpersonal and Communication Skills - Information Sharing, Gathering, and Technology — Interpersonal ...



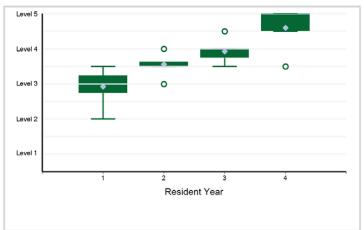
### TABLE 58: SUBSPECIALTY: Neurodevelopmental Disabilities

Resident Year	1	2	3	4	Total Residents
# of Residents	7	8	7	5	27

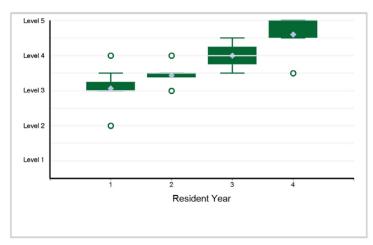
#### 1. Patient Care - Patient Care 1: Neurologic and Developmental History



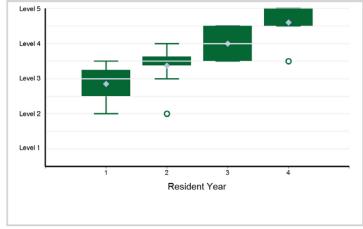
#### 2. Patient Care - Patient Care 2: Neurodevelopmental Examination



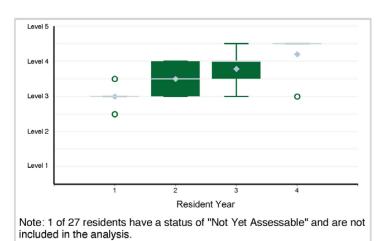
#### 3. Patient Care - Patient Care 3: Neurodevelopmental Disabilities



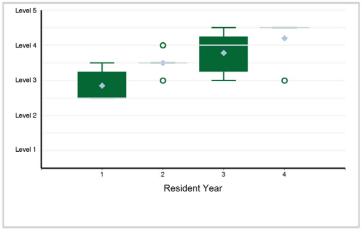
4. Patient Care - Patient Care 4: Behavioral and Psychiatric Disorders



5. Patient Care - Patient Care 5: Critical Care

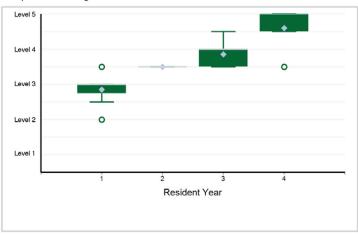


6. Patient Care - Patient Care 6: Diagnosis and Management in the Inpatient Setting

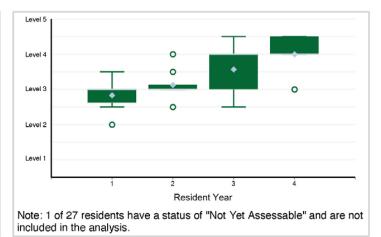


### SUBSPECIALTY: Neurodevelopmental Disabilities

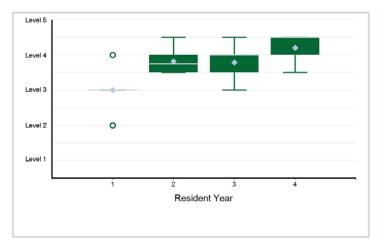
# 7. Patient Care - Patient Care 7: Diagnosis and Management in the Outpatient Setting



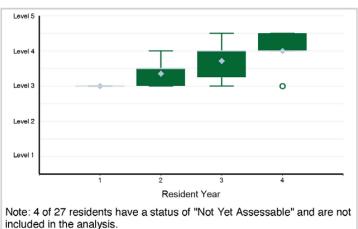
### 8. Patient Care - Patient Care 8: Electroencephalogram (EEG)



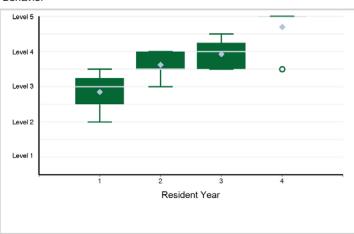
#### 9. - Patient Care 9: Lumbar Puncture



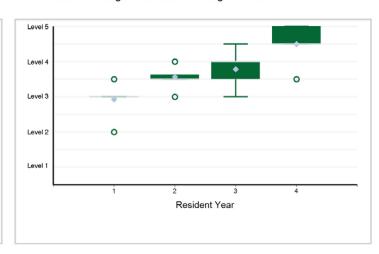
10. - Patient Care 10: Determination of Death by Neurologic Criteria



# 11. Medical Knowledge - Medical Knowledge 1: Development and Behavior

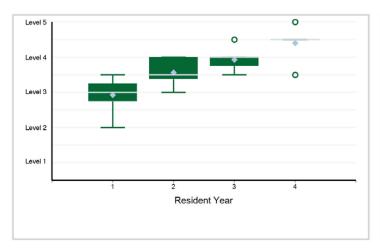


## 12. Medical Knowledge - Medical Knowledge 2: Localization

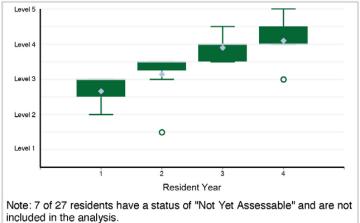


## SUBSPECIALTY: Neurodevelopmental Disabilities

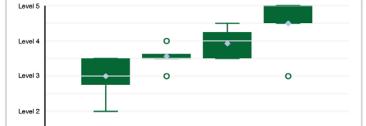
#### 13. Medical Knowledge - Medical Knowledge 3: Neuroimaging



#### 14. Medical Knowledge - Medical Knowledge 4: Electromyography

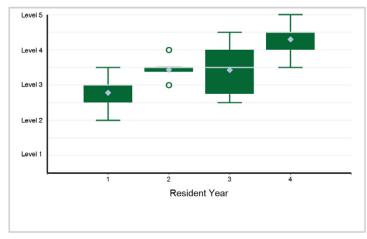


#### 15. Medical Knowledge - Medical Knowledge 5: Diagnostic Investigation



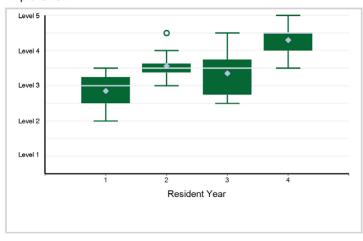
Resident Year

16. Systems-Based Practice - Systems-Based Practice 1: Patient Safety

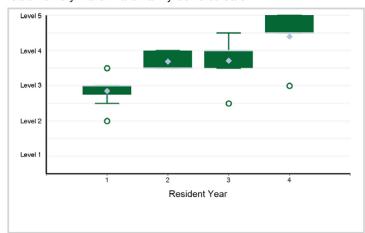


# 17. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement

Level

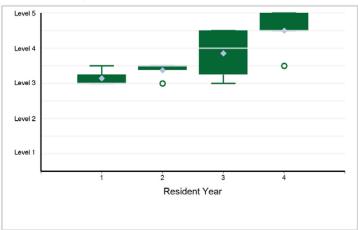


18. Systems-Based Practice - Systems-Based Practice 3: Systems of Care Delivery: Patient- and Family-Centered Care

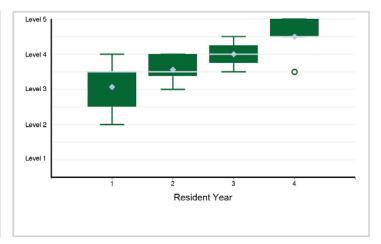


### SUBSPECIALTY: Neurodevelopmental Disabilities

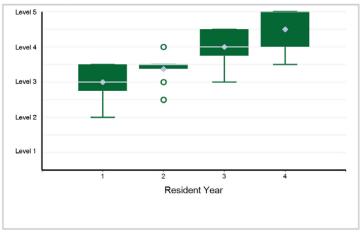
# 19. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



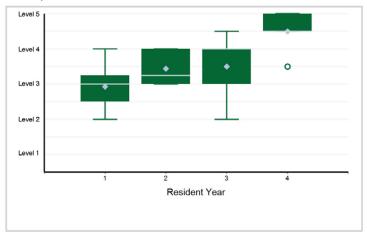
#### 20. - Systems-Based Practice 5: Community Resources



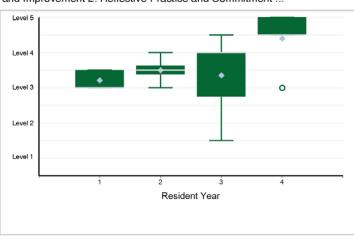
21. - Systems-Based Practice 6: Diversity and Equity that Impact Neurodevelopmental Access and Outcomes



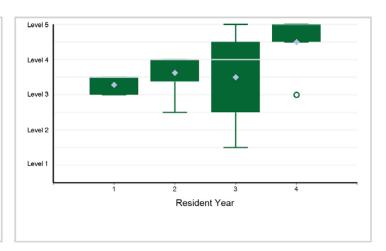
22. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



23. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

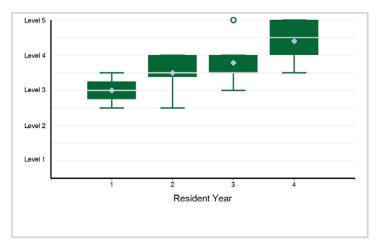


24. Professionalism - Professionalism 1: Professional Behavior

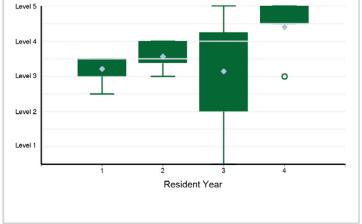


### SUBSPECIALTY: Neurodevelopmental Disabilities

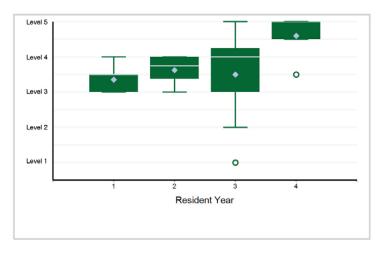
#### 25. Professionalism - Professionalism 2: Ethical Principles



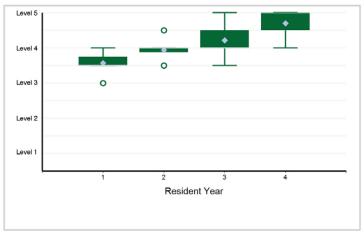
26. Professionalism - Professionalism 3: Accountability/Conscientiousness



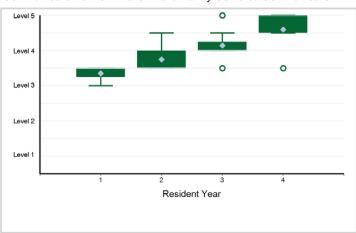
27. Professionalism - Professionalism 4: Well-Being



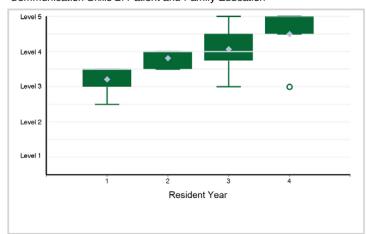
28. - Professionalism 5: Patient Care Etiquette with Patients of all Abilities



29. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

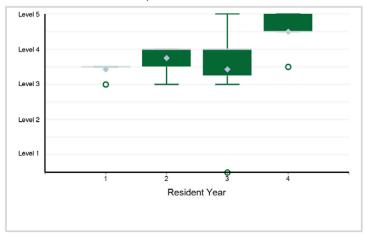


30. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Patient and Family Education

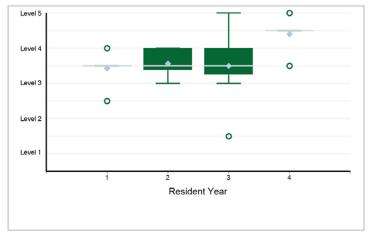


## SUBSPECIALTY: Neurodevelopmental Disabilities

31. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Interprofessional and Team Communication



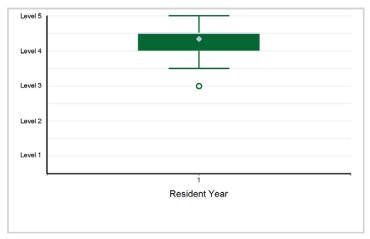
32. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Communication within Health Care Systems



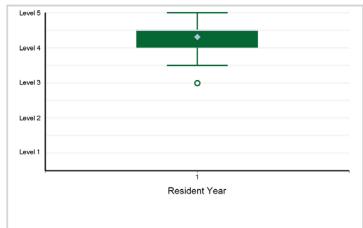
## TABLE 59: SUBSPECIALTY: Neuromuscular Medicine (multidisciplinary, Neurology)

Resident Year	1	Total Residents		
# of Residents	73	73		

#### 1. Patient Care - History - Patient Care



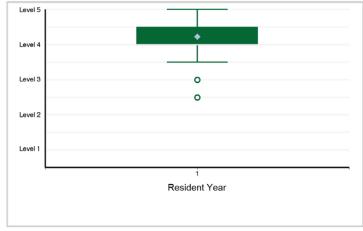
#### 2. Patient Care - Neuromuscular Exam — Patient Care



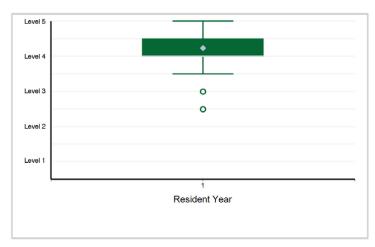
#### 3. Patient Care - Management/Treatment — Patient Care



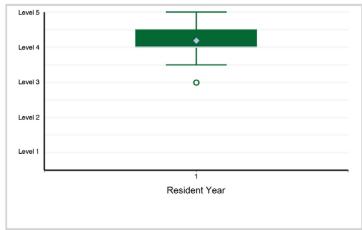
4. Patient Care - Nerve Conduction Studies (NCS) — Patient Care



#### 5. Patient Care - EMG - Patient Care

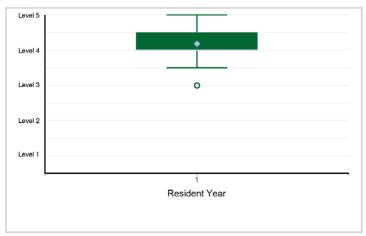


6. Patient Care - Anterior Horn Cell Disorders — Patient Care

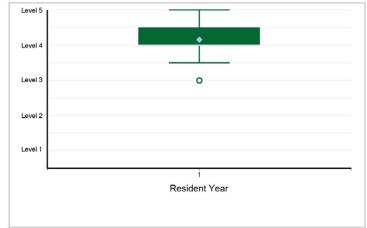


## SUBSPECIALTY: Neuromuscular Medicine (multidisciplinary, Neurology)

# 7. Patient Care - Root, Plexus, and Peripheral Nerve Disorders — Patient Care



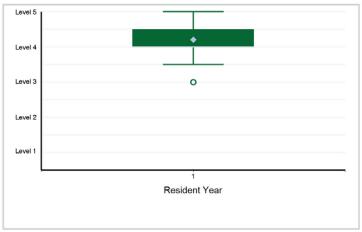
### 8. Patient Care - Neuromuscular Junction Disorders — Patient Care



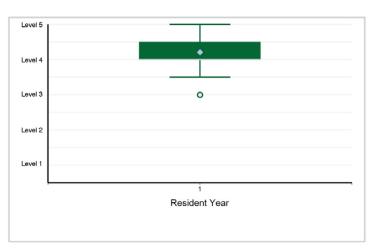
#### 9. Patient Care - Myopathies - Patient Care



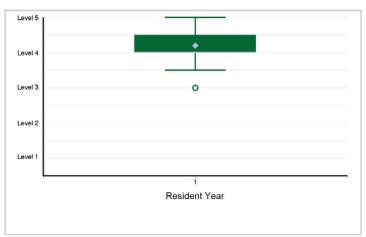
10. Medical Knowledge - Localization — Medical Knowledge



#### 11. Medical Knowledge - Formulation — Medical Knowledge

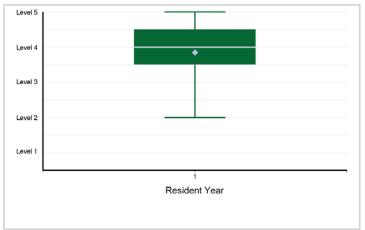


12. Medical Knowledge - Diagnostic Investigation — Medical Knowledge

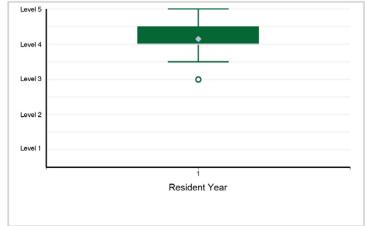


## SUBSPECIALTY: Neuromuscular Medicine (multidisciplinary, Neurology)

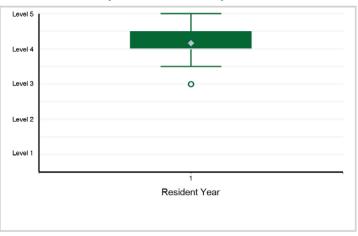
#### Medical Knowledge - Muscle and Nerve Pathology — Medical Knowledge



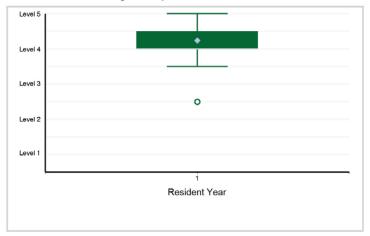
 Systems-Based Practice - Systems Thinking, Including Cost- and Risk-effective Practice — Systems-Based Practice



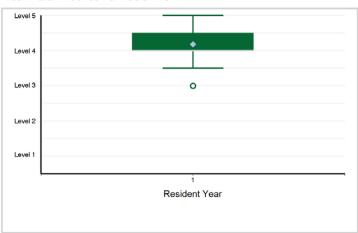
15. Systems-Based Practice - Work in Interprofessional Teams to Enhance Patient Safety and Patient Care — Systems-Based Practice



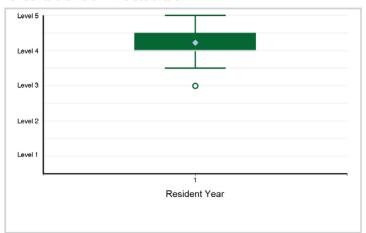
 Practice-Based Learning and Improvement - Self-directed Learning — Practice-Based Learning and Improvement ...



17. Practice-Based Learning and Improvement - Locate, Appraise, and Assimilate Evidence from Scientific ...

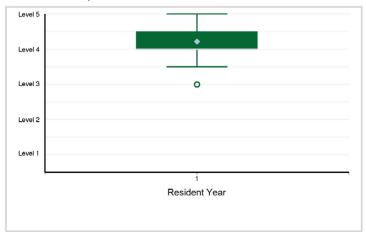


18. Professionalism - Compassion, Integrity, Accountability, and Respect for Self and Others — Professionalism

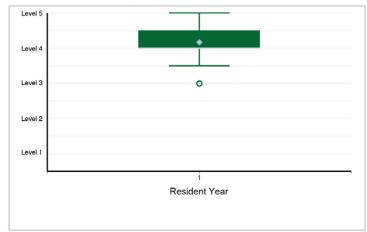


## SUBSPECIALTY: Neuromuscular Medicine (multidisciplinary, Neurology)

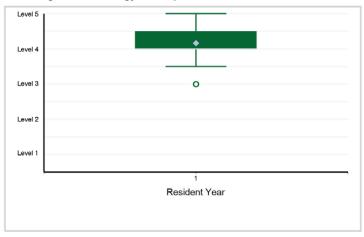
19. Professionalism - Knowledge About, Respect for, and Adherence to the Ethical Principles Relevant to  $\dots$ 



20. Interpersonal and Communication Skills - Relationship Development, Teamwork, and Managing Conflict —  $\dots$ 



21. Interpersonal and Communication Skills - Information Sharing, Gathering, and Technology — Interpersonal ...

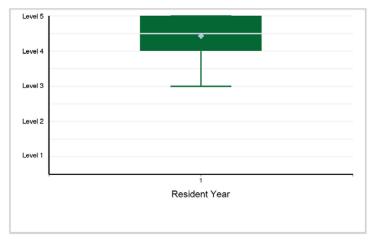


### TABLE 60: SUBSPECIALTY: Vascular Neurology

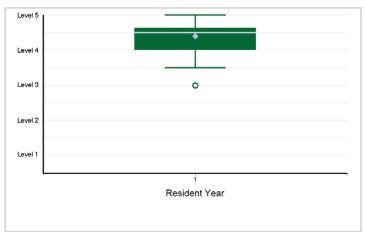
Resident Year	1	Total Residents*		
# of Residents	154	154		

<sup>\*</sup>Note: There are 2 residents with an incomplete milestone evaluation that are excluded from the box plots below.

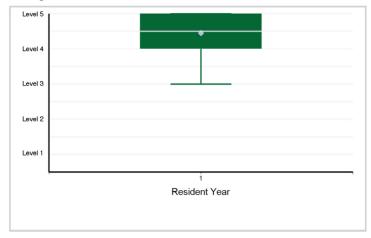
#### 1. Patient Care - Patient Care 1: History



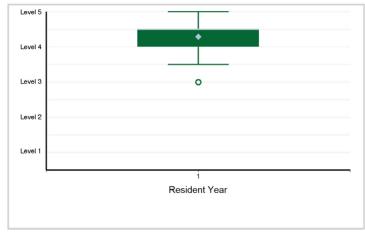
#### 2. Patient Care - Patient Care 2: Vascular Neurological Examination



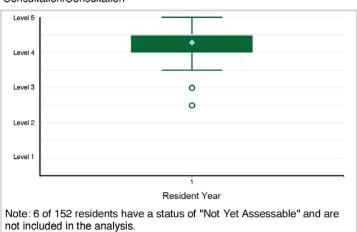
# 3. Patient Care - Patient Care 3: Acute Stroke Intervention and Management



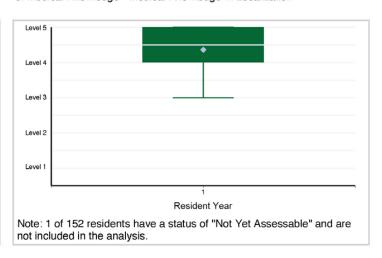
#### 4. Patient Care - Patient Care 4: Post-Acute Care



# 5. Patient Care - Patient Care 5: Telestroke/Remote Consultation/Consultation

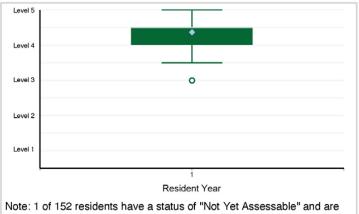


### 6. Medical Knowledge - Medical Knowledge 1: Localization



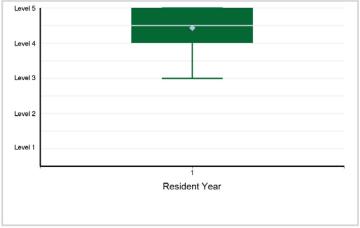
### SUBSPECIALTY: Vascular Neurology

7. Medical Knowledge - Medical Knowledge 2: Formulation

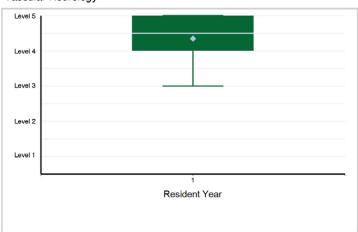


not included in the analysis.

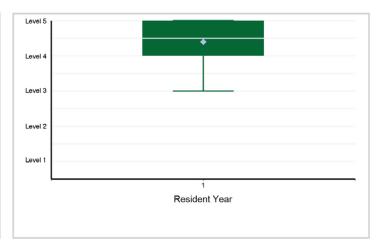
8. Medical Knowledge - Medical Knowledge 3: Multimodal Imaging in Vascular Neurology (e.g., Computed Tomography ...



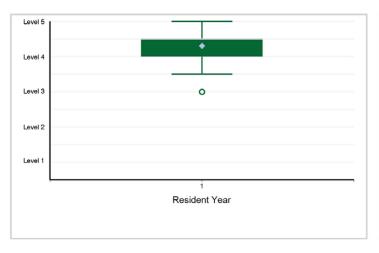
9. Medical Knowledge - Medical Knowledge 4: Diagnostic Investigation in Vascular Neurology



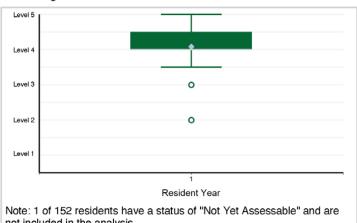
10. Medical Knowledge - Medical Knowledge 5: Ischemic Stroke



11. Medical Knowledge - Medical Knowledge 6: Intracerebral Hemorrhage



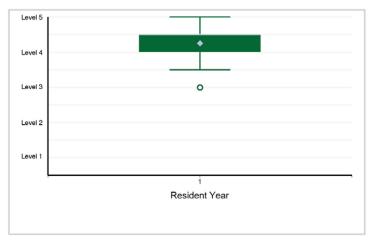
12. Medical Knowledge - Medical Knowledge 7: Subarachnoid Hemorrhage



not included in the analysis.

## SUBSPECIALTY: Vascular Neurology

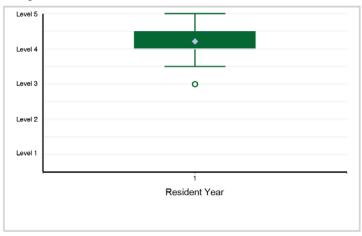
13. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



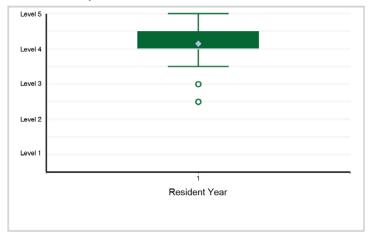
14. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement in Stroke System of Care



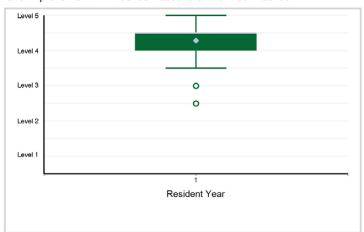
15. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care



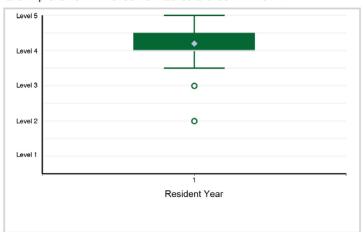
16. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



17. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice

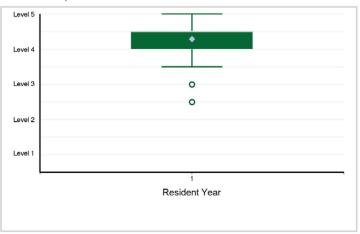


18. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



### SUBSPECIALTY: Vascular Neurology

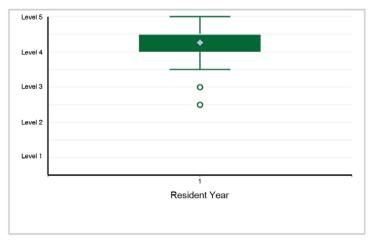
# 19. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



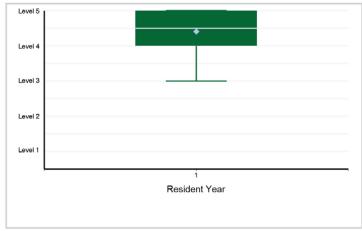
# 20. Professionalism - Professionalism 2: Accountability/Conscientiousness



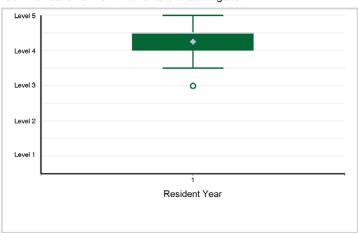
#### 21. Professionalism - Professionalism 3: Well-Being



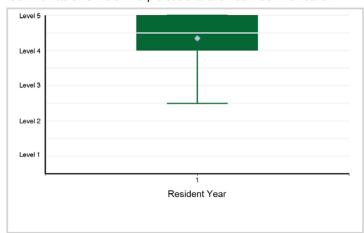
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



# 23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Barrier and Bias Mitigation

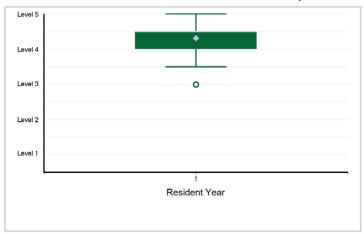


24. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Interprofessional and Team Communication



## SUBSPECIALTY: Vascular Neurology

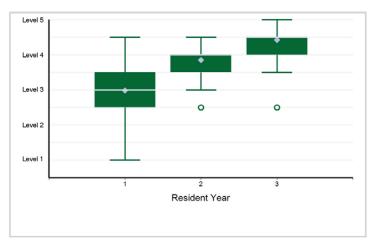
25. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Communication within Health Care Systems



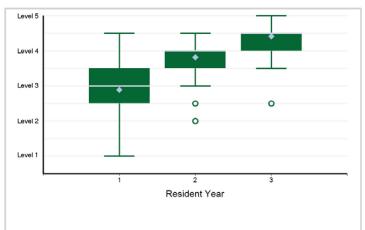
### TABLE 61: SPECIALTY: Child Neurology

Resident Year	1	2	3	Total Residents
# of Residents	174	148	142	464

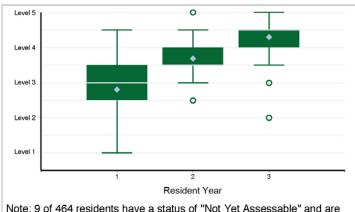
#### 1. Patient Care - Patient Care 1: Neurologic and Developmental History



#### 2. Patient Care - Patient Care 2: Neurologic Exam

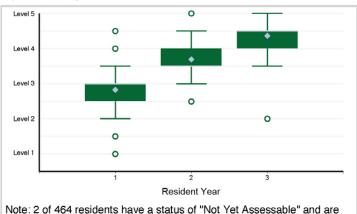


#### 3. Patient Care - Patient Care 3: Critical Care



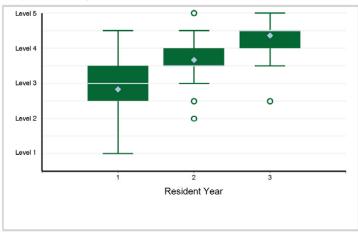
Note: 9 of 464 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 4. Patient Care - Patient Care 4: Diagnosis and Management in the Inpatient Setting

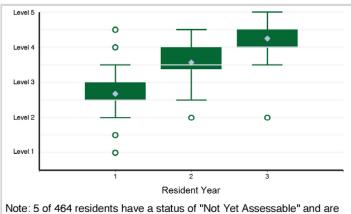


Note: 2 of 464 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 5. Patient Care - Patient Care 5: Diagnosis and Management in the **Outpatient Setting**



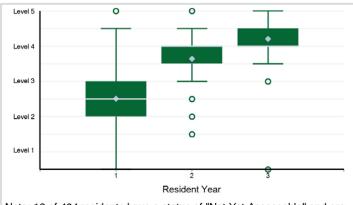
### 6. Patient Care - Patient Care 6: Neuroimaging



not included in the analysis.

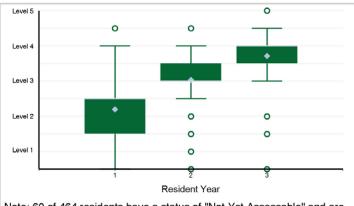
### SPECIALTY: Child Neurology

#### 7. Patient Care - Patient Care 7: Electroencephalogram (EEG)



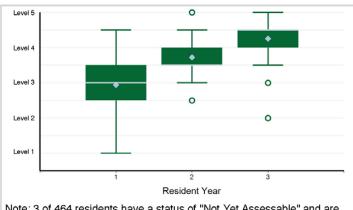
Note: 12 of 464 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 9. Patient Care - Patient Care 9: Electromyography



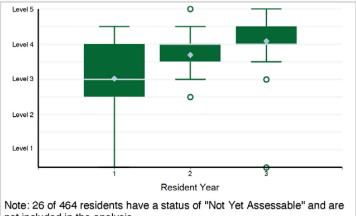
Note: 60 of 464 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 11. Medical Knowledge - Medical Knowledge 1: Development and Behavior



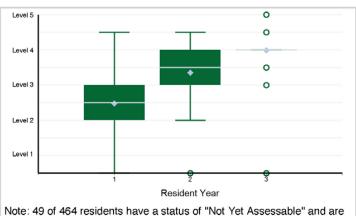
#### Note: 3 of 464 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 8. Patient Care - Patient Care 8: Lumbar Puncture



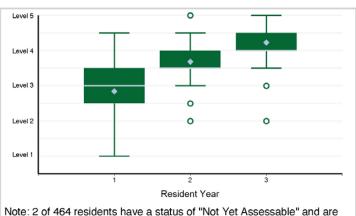
not included in the analysis.

#### 10. Patient Care - Patient Care 10: Determination of Death by Neurologic Criteria



not included in the analysis.

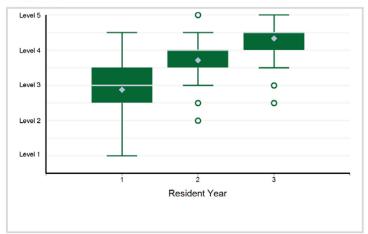
#### 12. Medical Knowledge - Medical Knowledge 2: Localization



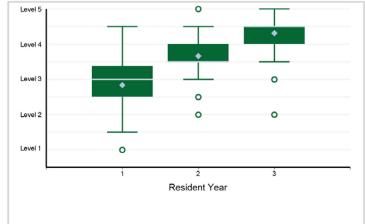
Note: 2 of 464 residents have a status of "Not Yet Assessable" and are not included in the analysis.

## SPECIALTY: Child Neurology

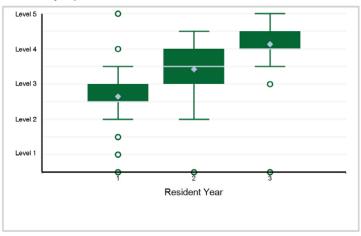
# 13. Medical Knowledge - Medical Knowledge 3: Clinical Reasoning and Formulation



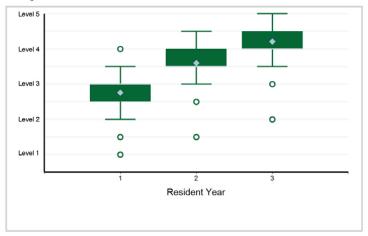
#### 14. Medical Knowledge - Medical Knowledge 4: Diagnostic Investigation



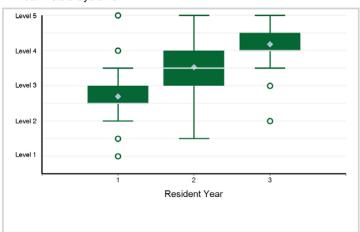
15. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



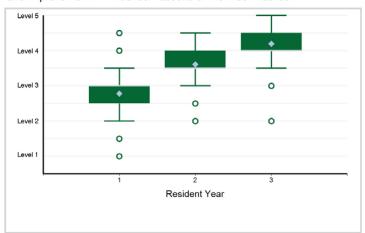
16. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



17. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems

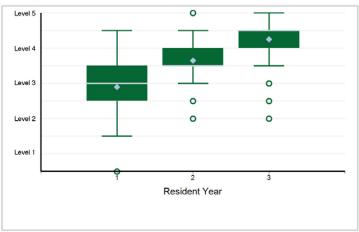


18. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice

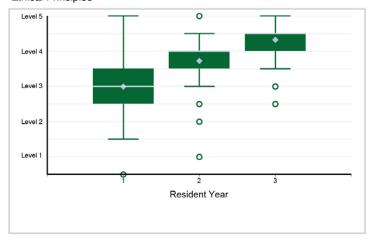


### SPECIALTY: Child Neurology

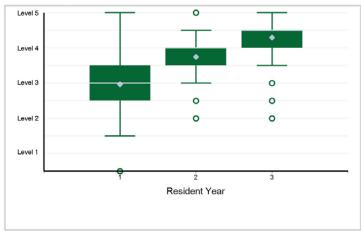
19. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



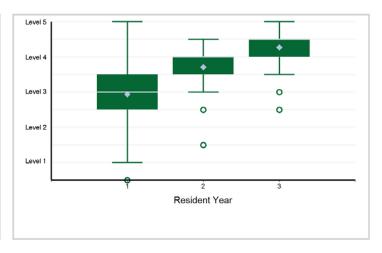
20. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



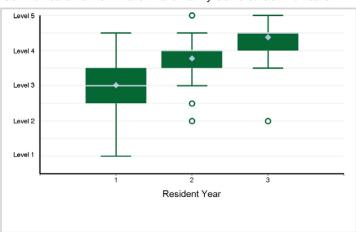
21. Professionalism - Professionalism 2: Accountability/Conscientiousness



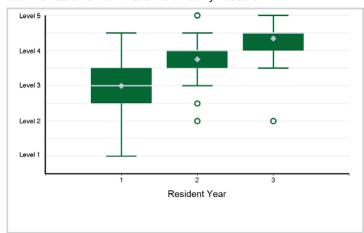
22. Professionalism - Professionalism 3: Self-Awareness and Well-Being



23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

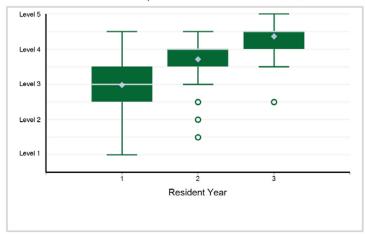


24. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Patient and Family Education

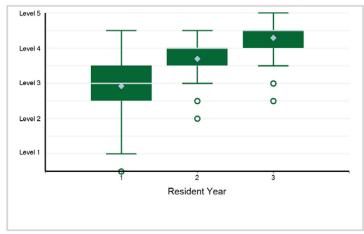


## SPECIALTY: Child Neurology

25. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Interprofessional and Team Communication



26. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Communication within Health Care Systems

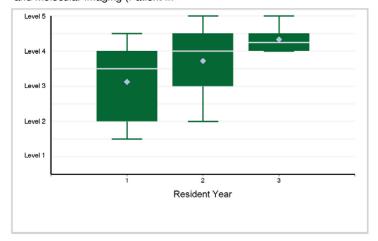


#### TABLE 62: SPECIALTY: Nuclear Medicine

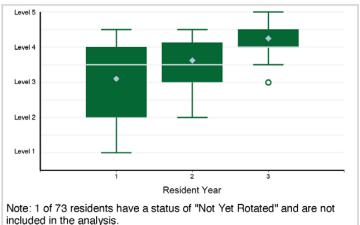
Resident Year	1	2	3	Total Residents*
# of Residents	38	20	18	76

<sup>\*</sup>Note: There are 3 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### 1. Patient Care - Diagnostic: General Nuclear Medicine, Cardiovascular, and Molecular Imaging (Patient ...

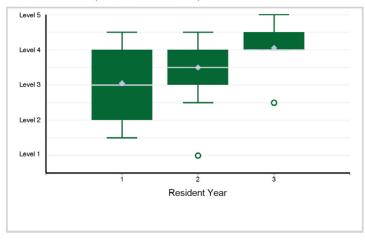


#### 2. Patient Care - Cardiovascular Nuclear Medicine-Stress Testing: Patient Evaluation and Procedure Monitoring—Patient Care

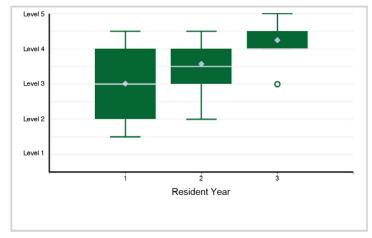


included in the analysis.

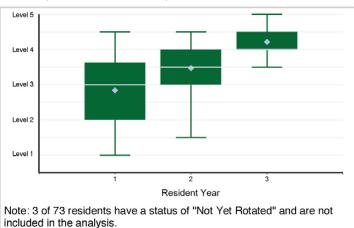
#### 3. Patient Care - Therapy: Radioiodine for Benign Thyroid Disease-Patient Evaluation, Procedure Selection, ...



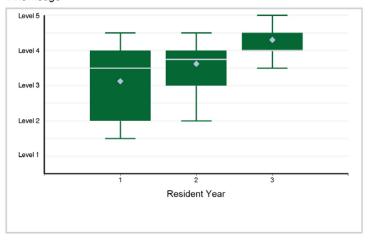
4. Patient Care - Therapy: Radioiodine for Thyroid Malignancy-Patient Evaluation, Procedure Selection, ...



5. Patient Care - Therapy: Parenteral-Patient Evaluation, Procedure Selection, Procedure Performance, and ...

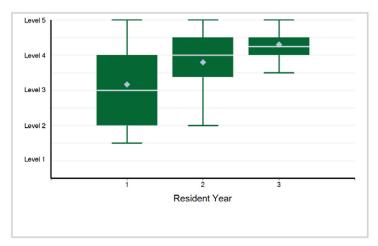


6. Medical Knowledge - Physiology and Pathophysiology-Medical Knowledge

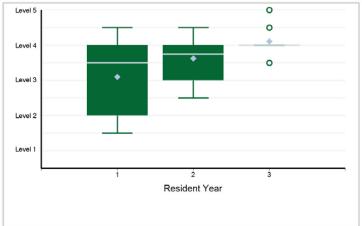


## **SPECIALTY: Nuclear Medicine**

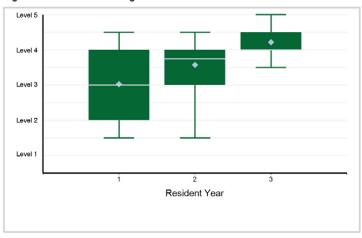
7. Medical Knowledge - Anatomic Imaging—Medical Knowledge



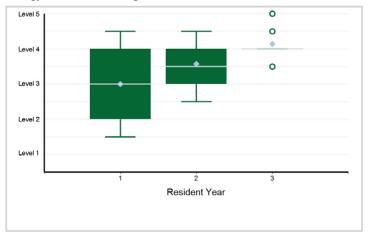
8. Medical Knowledge - Instrumentation—Medical Knowledge



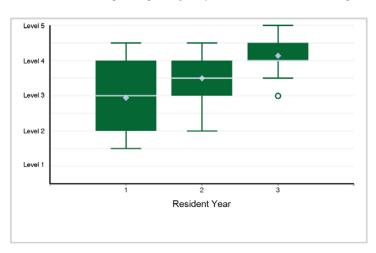
9. Medical Knowledge - Radiopharmaceuticals and molecular agents—Medical Knowledge



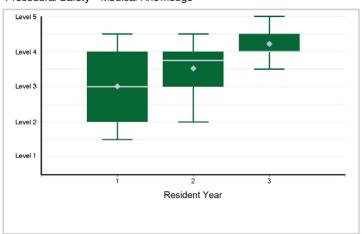
10. Medical Knowledge - Medical physics, mathematics, and radiation biology—Medical Knowledge



11. Medical Knowledge - Regulatory Requirements—Medical Knowledge

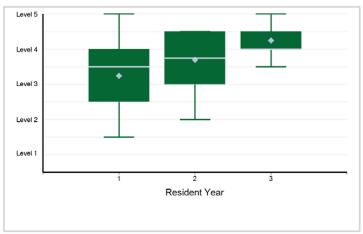


12. Medical Knowledge - Radiation Protection, Patient Safety, and Procedural Safety—Medical Knowledge

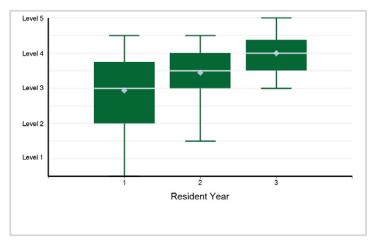


## **SPECIALTY: Nuclear Medicine**

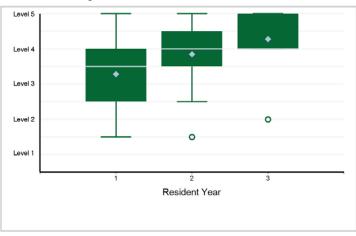
# 13. Systems-Based Practice - Computer Systems—Systems-Based Practice



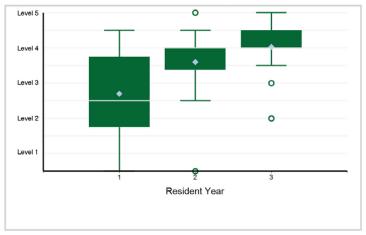
#### 14. Systems-Based Practice - Economics—Systems-Based Practice



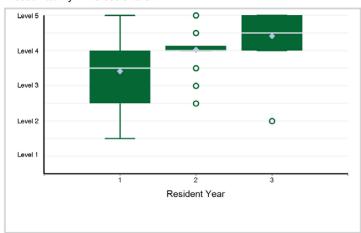
15. Practice-Based Learning and Improvement - Self-Directed Learning and Understanding Scientific Studies—Practice-Based ...



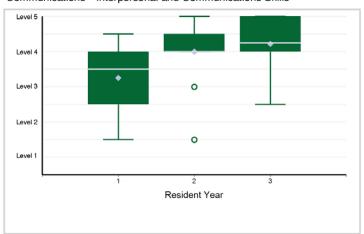
16. Practice-Based Learning and Improvement - Implements Quality Improvement Project—Practice-Based Learning and Improvement



# 17. Professionalism - Professional Ethics and Accountability—Professionalism

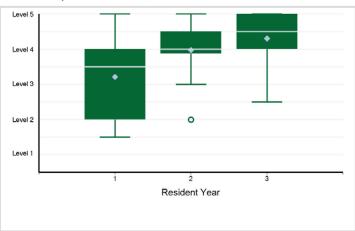


18. Interpersonal and Communication Skills - Patient Communications—Interpersonal and Communications Skills



## **SPECIALTY: Nuclear Medicine**

19. Interpersonal and Communication Skills - Health Care Team—Interpersonal and Communications Skills

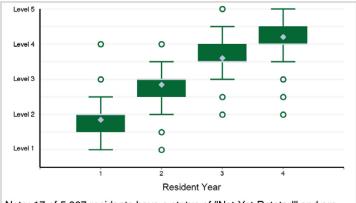


### TABLE 63: SPECIALTY: Obstetrics and Gynecology

Resident Year	1	2	3	4	Total Residents*
# of Residents	1,528	1,496	1,441	1,423	5,888

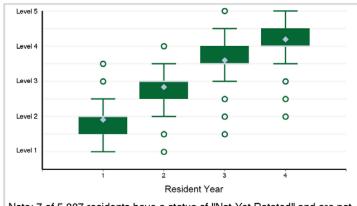
<sup>\*</sup>Note: There are 1 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### Patient Care - Antepartum Care and Complications of Pregnancy—Patient Care



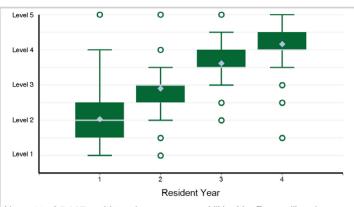
Note: 17 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 2. Patient Care - Care of Patients in the Intrapartum Period-Patient Care



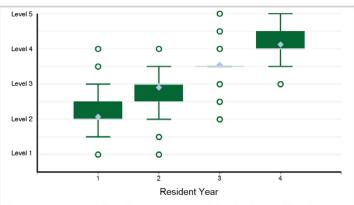
Note: 7 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 3. Patient Care - Care of Patients in the Postpartum Period-Patient Care



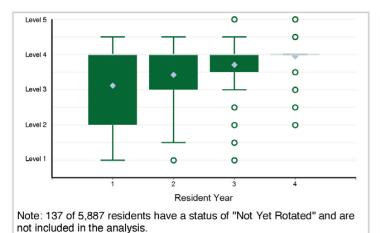
Note: 11 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 4. Patient Care - Obstetrical Technical Skills—Patient Care

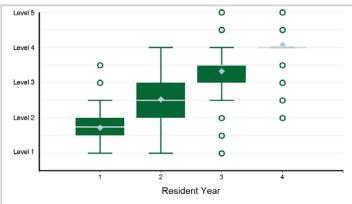


Note: 5 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 5. Patient Care - Immediate Care of the Newborn-Patient Care



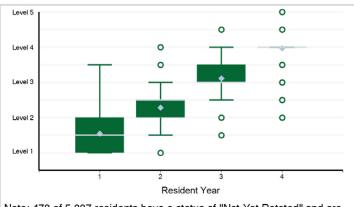
 Patient Care - Gynecology Technical Skills: Laparotomy (e.g., Hysterectomy, Myomectomy, Adnexectomy)—Patient Care



Note: 145 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

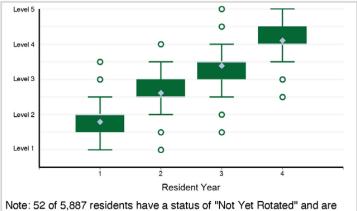
### SPECIALTY: Obstetrics and Gynecology

7. Patient Care - Gynecology Technical Skills: Vaginal Surgery (e.g., Vaginal Hysterectomy, Colporrhaphy, ...



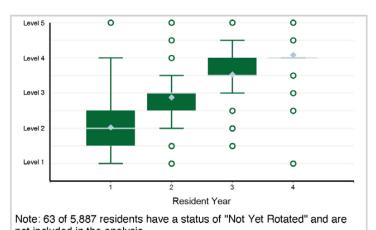
Note: 478 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 8. Patient Care - Gynecology Technical Skills: Endoscopy (Laparoscopy, Hysteroscopy, Cystoscopy)—Patient Care



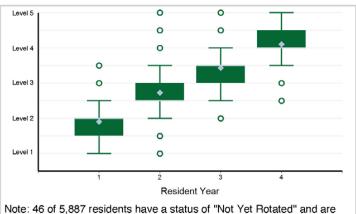
not included in the analysis.

#### 9. Patient Care - Family Planning-Patient Care



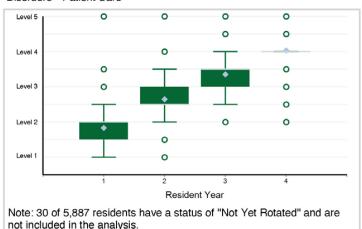
not included in the analysis.

### 10. Patient Care - Ambulatory Gynecology-Patient Care

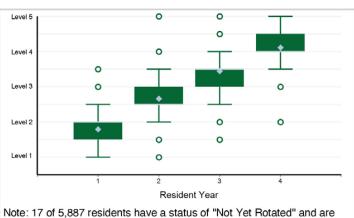


not included in the analysis.

#### 11. Patient Care - Care of the Patient with Non-Reproductive Medical Disorders-Patient Care



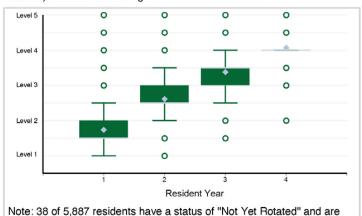
12. Medical Knowledge - Perioperative Care-Medical Knowledge



Note: 17 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

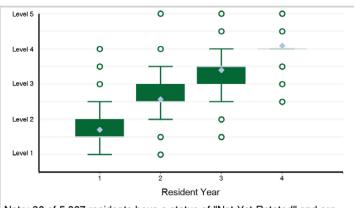
#### SPECIALTY: Obstetrics and Gynecology

## 13. Medical Knowledge - Abdominal/Pelvic Pain (Acute and Chronic)—Medical Knowledge



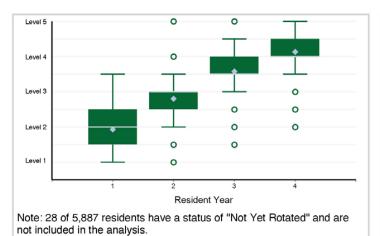
not included in the analysis.

#### 15. Medical Knowledge - Pelvic Mass-Medical Knowledge

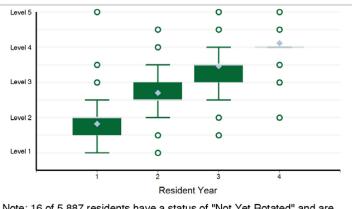


Note: 80 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 17. Medical Knowledge - First Trimester Bleeding-Medical Knowledge

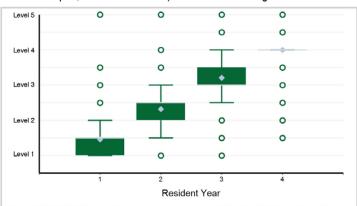


## 14. Medical Knowledge - Abnormal Uterine Bleeding (Acute and Chronic)—Medical Knowledge



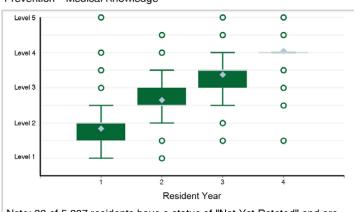
Note: 16 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### Medical Knowledge - Pelvic Floor Disorders (Urinary Incontinence, Pelvic Prolapse, Anal Incontinence)—Medical Knowledge



Note: 606 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

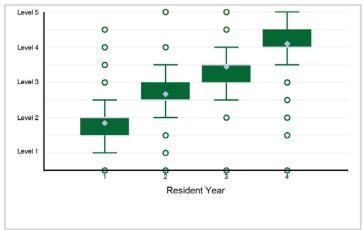
## 18. Medical Knowledge - Health Care Maintenance and Disease Prevention—Medical Knowledge



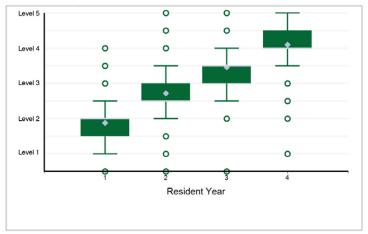
Note: 33 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### **SPECIALTY: Obstetrics and Gynecology**

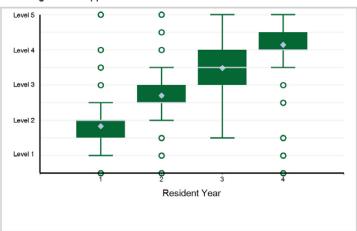
19. Systems-Based Practice - Patient Safety and Systems Approach to Medical Errors: Participate in identifying  $\dots$ 



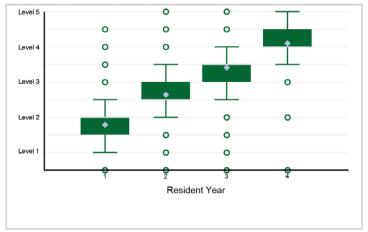
 Systems-Based Practice - Cost-effective Care and Patient Advocacy—Systems-Based Practice



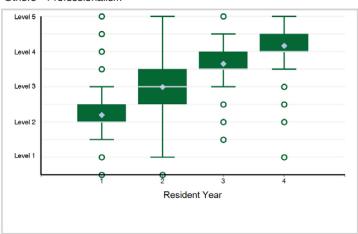
21. Practice-Based Learning and Improvement - Self-directed Learning/Critical Appraisal of Medical Literature—Practice-Based ...



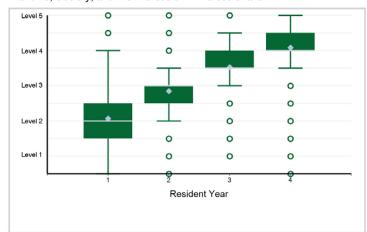
22. Practice-Based Learning and Improvement - Quality Improvement Process: Systematically analyze practice  $\dots$ 



23. Professionalism - Compassion, Integrity, and Respect for Others—Professionalism

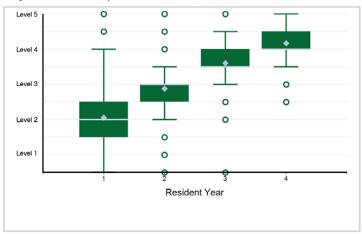


24. Professionalism - Accountability and Responsiveness to the Needs of Patients, Society, and the Profession—Professionalism

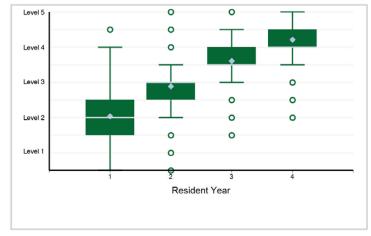


#### SPECIALTY: Obstetrics and Gynecology

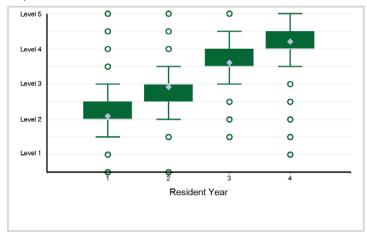
25. Professionalism - Respect for Patient Privacy, Autonomy, Patient-Physician Relationship—Professionalism



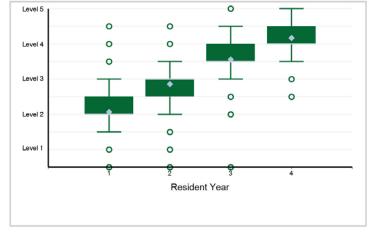
26. Interpersonal and Communication Skills - Communication with Patients and Families—Interpersonal and Communication Skills



27. Interpersonal and Communication Skills - Communication with Physicians and Other Health Professionals ...



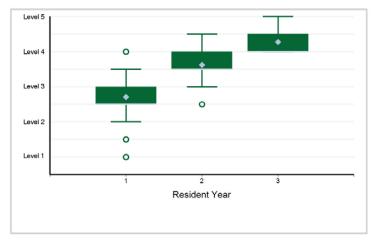
28. Interpersonal and Communication Skills - Informed Consent and Shared Decision Making—Interpersonal and Communication Skills



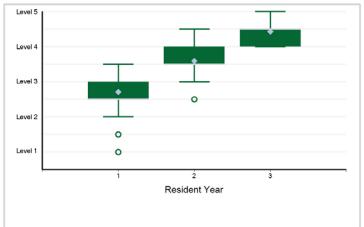
# TABLE 64: SUBSPECIALTY: Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary, Obstetrics and Gynecology)

Resident Year	1	2	3	Total Residents
# of Residents	53	48	51	152

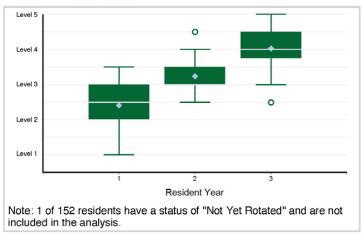
#### 1. Patient Care - General Pelvic Floor Evaluation — Patient Care



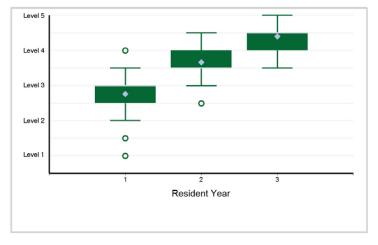
## Patient Care - Urinary Incontinence and Overactive Bladder Treatment Patient Care



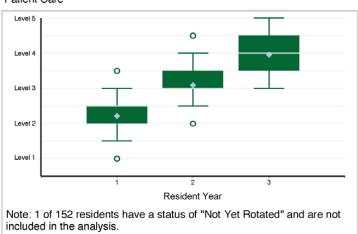
## 3. Patient Care - Anal Incontinence and Defecatory Dysfunction Treatment — Patient Care



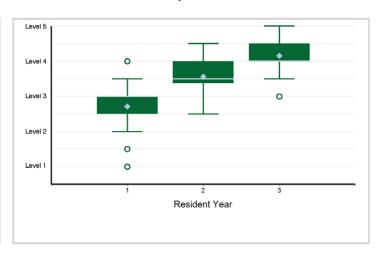
4. Patient Care - Pelvic Organ Prolapse Treatment — Patient Care



## 5. Patient Care - Urogenital Fistulas and Urethral Diverticula Treatment — Patient Care

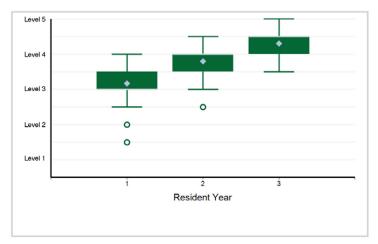


6. Patient Care - Painful Bladder Syndrome Treatment — Patient Care

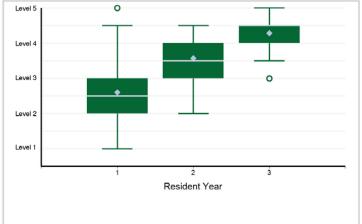


#### SUBSPECIALTY: Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary, Obstetrics and Gynecology)

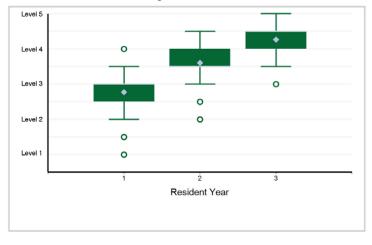
#### 7. Patient Care - Urinary Tract Infection (UTI) - Patient Care



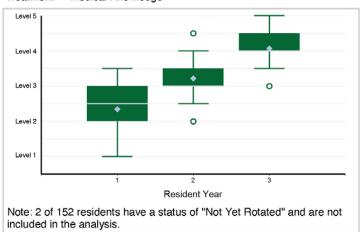
## 8. Medical Knowledge - Pelvic Floor Anatomy and Physiology — Medical Knowledge



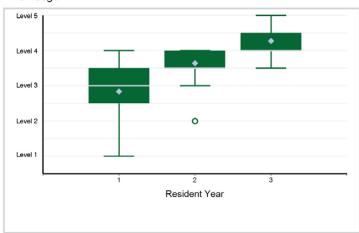
## 9. Medical Knowledge - Urinary Incontinence and Overactive Bladder Treatment — Medical Knowledge



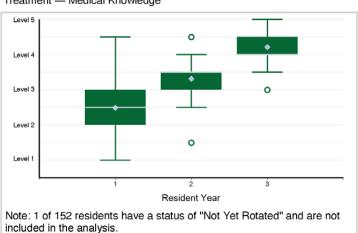
10. Medical Knowledge - Anal Incontinence and Defecatory Dysfunction Treatment — Medical Knowledge



11. Medical Knowledge - Pelvic Organ Prolapse Treatment — Medical Knowledge

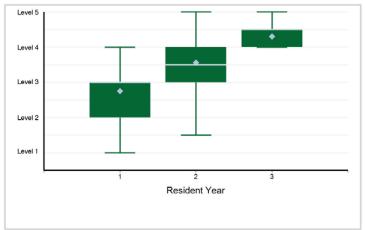


12. Medical Knowledge - Urogenital Fistulas and Urethral Diverticula Treatment — Medical Knowledge

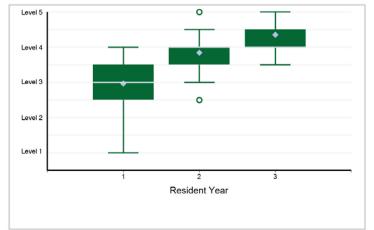


#### SUBSPECIALTY: Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary, Obstetrics and Gynecology)

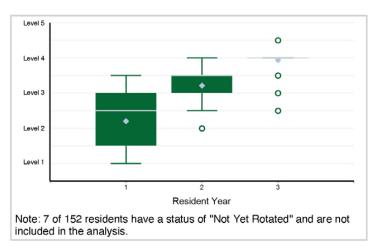
## 13. Medical Knowledge - Painful Bladder Syndrome Treatment — Medical Knowledge



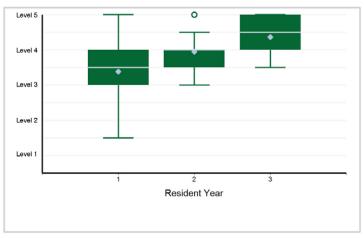
#### 14. Medical Knowledge - Urinary Tract Infection — Medical Knowledge



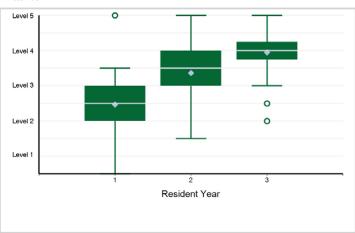
#### 15. Medical Knowledge - Neuro-Urology — Medical Knowledge



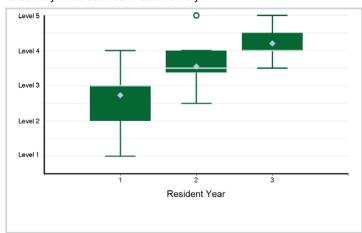
16. Systems-Based Practice - Computer Systems — Systems-Based Practice



## 17. Systems-Based Practice - Health Care Economics — Systems-Based Practice

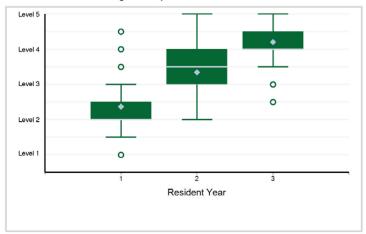


18. Systems-Based Practice - Works and coordinates patient care effectively in various health care delivery ...

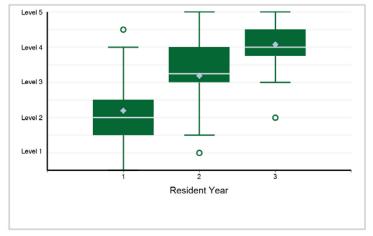


### SUBSPECIALTY: Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary, Obstetrics and Gynecology)

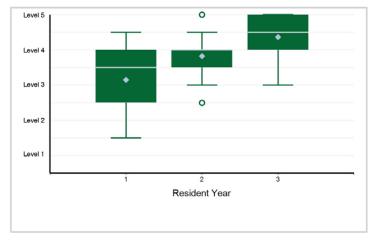
## 19. Practice-Based Learning and Improvement - Scholarly Activity — Practice-Based Learning and Improvement



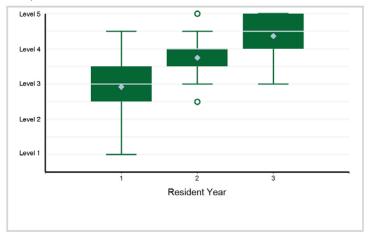
## 20. Practice-Based Learning and Improvement - Implements Quality Improvement Project — Practice-Based Learning and Improvement



## 21. Professionalism - Professional Ethics and Accountability — Professionalism



22. Interpersonal and Communication Skills - Health Care Teamwork — Interpersonal and Communication Skills



23. Interpersonal and Communication Skills - Effective Communication — Interpersonal and Communication Skills

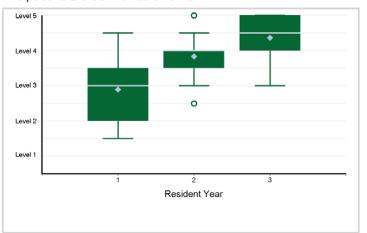
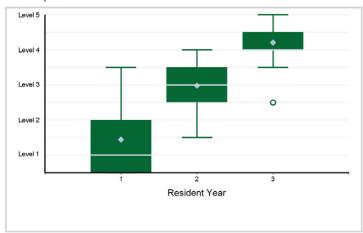


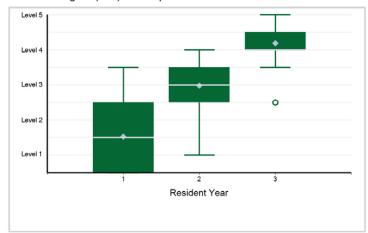
TABLE 65: SUBSPECIALTY: Gynecologic Oncology

Resident Year	1	2	3	Total Residents
# of Residents	81	75	73	229

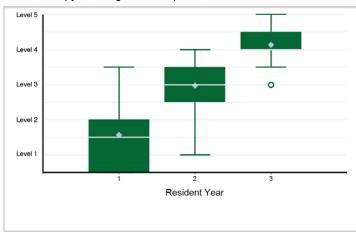
## 1. Patient Care - PC1: Surgical Care of Gynecologic Cancer - Open Techniques



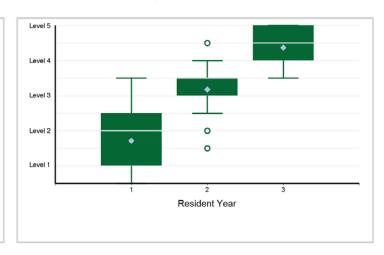
## 2. Patient Care - PC2: Surgical Care of Gynecologic Cancer – Minimally Invasive Surgical (MIS) Techniques



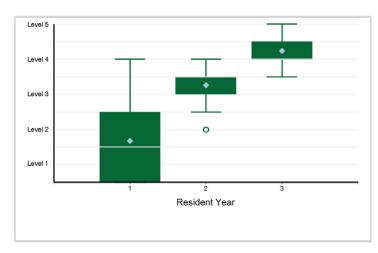
## 3. Patient Care - PC3: Medical Management of Gynecologic Cancer - Chemotherapy and Targeted Therapeutics



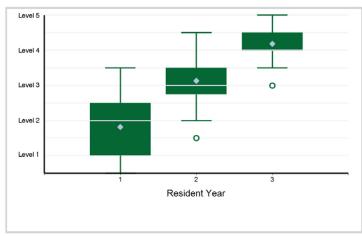
4. Patient Care - PC4: Peri-operative Care



#### 5. Patient Care - PC5: Hospice and Palliative Care

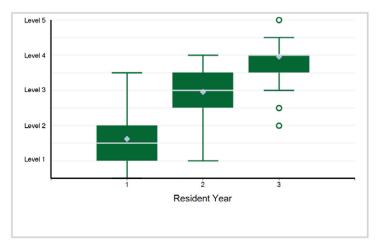


#### 6. Medical Knowledge - MK1: Anatomy

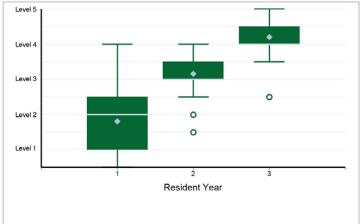


#### SUBSPECIALTY: Gynecologic Oncology

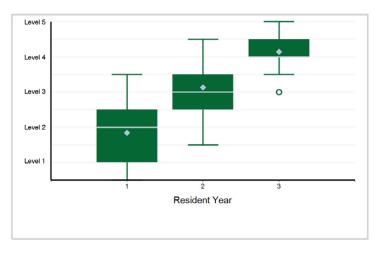
#### 7. Medical Knowledge - MK2: Pathology



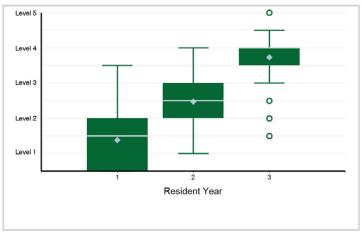
## 8. Medical Knowledge - MK3: Management of Medical Diseases in Gynecologic Cancer – Organ System Disorders



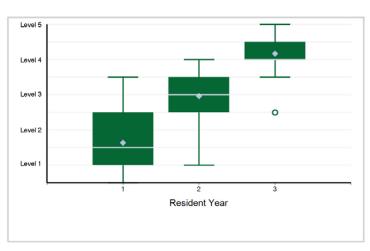
#### 9. Medical Knowledge - MK4: Genetics, Cancer Biology, and Immunology



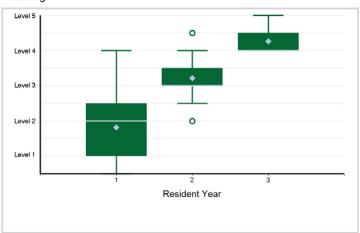
10. Medical Knowledge - MK5: Radiation Therapy - Radiation Biology and Physics



#### 11. Medical Knowledge - MK6: Chemotherapy and Targeted Therapeutics

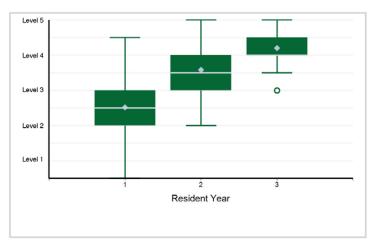


12. Medical Knowledge - MK7: Diagnostic Techniques and Treatment Planning

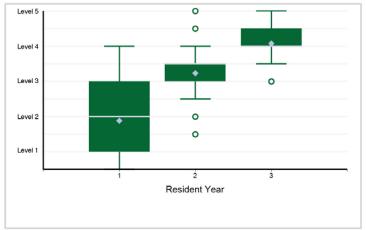


#### SUBSPECIALTY: Gynecologic Oncology

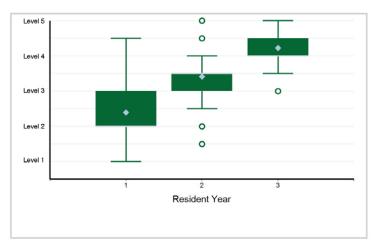
#### 13. Systems-Based Practice - SBP1: Computer Systems



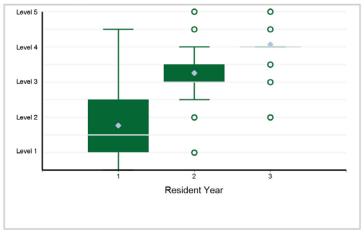
## 14. Systems-Based Practice - SBP2: Value-based Patient Care (Quality/Cost)



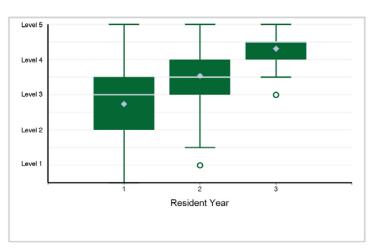
#### 15. Practice-Based Learning and Improvement - PBLI1: Scholarly Activity



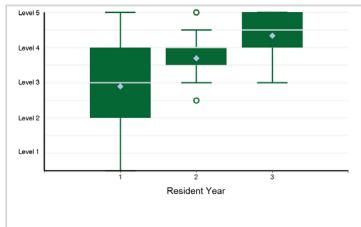
16. Practice-Based Learning and Improvement - PBLI2: Quality Improvement (QI)



#### 17. Professionalism - PROF1: Professional Ethics and Accountability

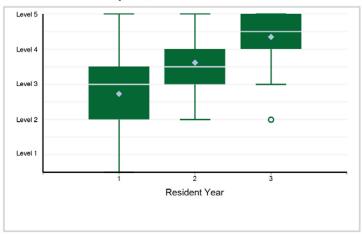


## 18. Professionalism - PROF2: Compassion, Integrity, and Respect for Others



### SUBSPECIALTY: Gynecologic Oncology

19. Interpersonal and Communication Skills - ICS1: Teamwork and Communication with Physicians and Other Health Professionals



20. Interpersonal and Communication Skills - ICS2: Communication with Patients and Families

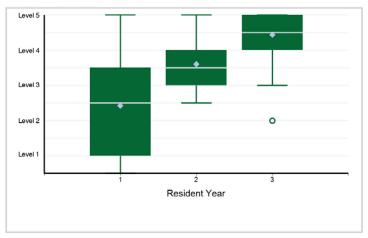
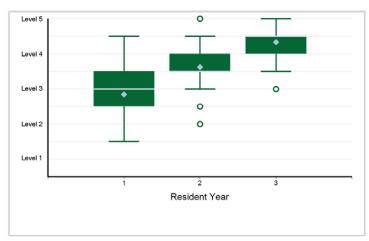


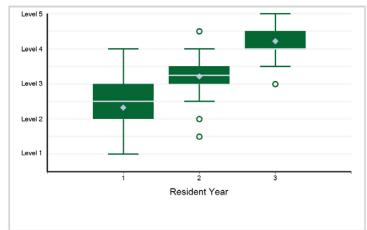
TABLE 66: SUBSPECIALTY: Maternal-Fetal Medicine

Resident Year	1	2	3	Total Residents
# of Residents	142	130	131	403

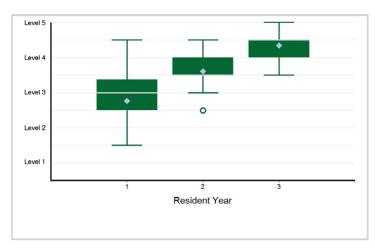
#### 1. Patient Care - PC1: Labor and Delivery Procedures



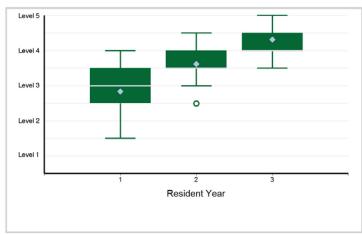
#### 2. Patient Care - PC2: Sonographic Diagnosis and Procedures



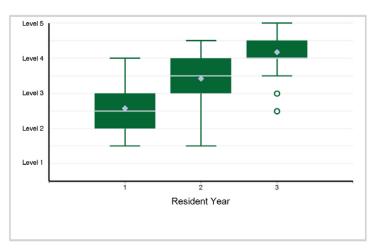
3. Patient Care - PC3: Medical Complications of Pregnancy



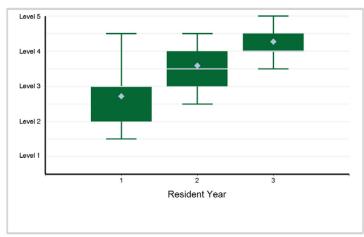
4. Patient Care - PC4: Obstetrical Complications



5. Medical Knowledge - MK1: Pathology, Anatomy, and Physiology

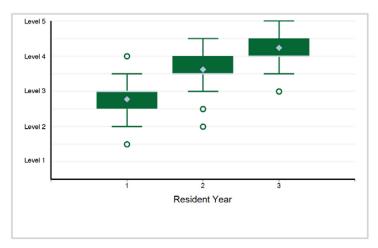


6. Medical Knowledge - MK2: Medical Complications of Pregnancy

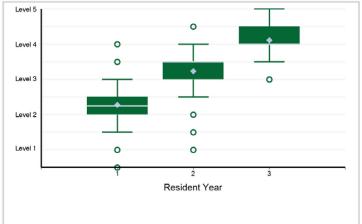


#### SUBSPECIALTY: Maternal-Fetal Medicine

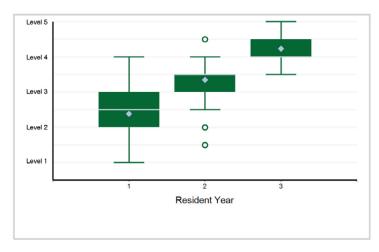
#### 7. Medical Knowledge - MK3: Obstetrical Complications



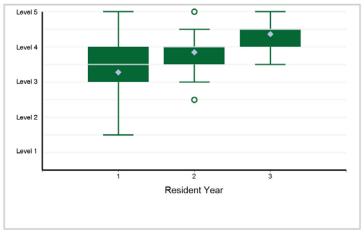
#### 8. Medical Knowledge - MK4: Genetic Principles



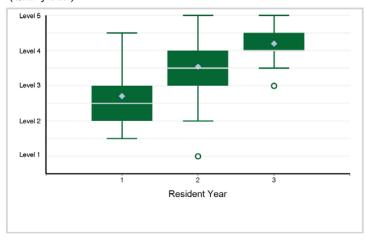
#### 9. Medical Knowledge - MK5: Prenatal Imaging and Diagnosis



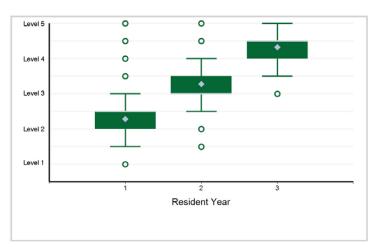
10. Systems-Based Practice - SBP1: Computer Systems



## 11. Systems-Based Practice - SBP2: Value-based Patient Care (Quality/Cost)

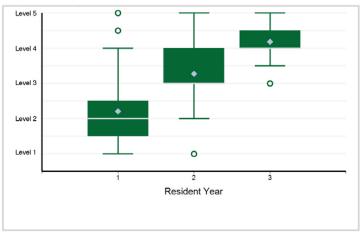


12. Practice-Based Learning and Improvement - PBLI1: Scholarly Activity

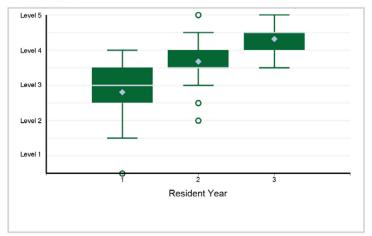


#### SUBSPECIALTY: Maternal-Fetal Medicine

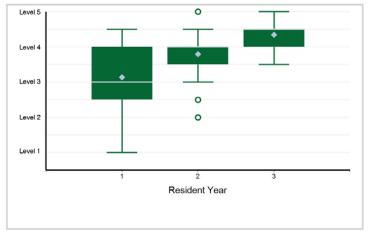
## 13. Practice-Based Learning and Improvement - PBLI2: Quality Improvement (QI)



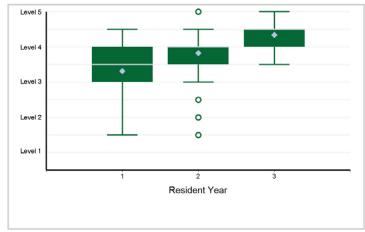
## 14. Practice-Based Learning and Improvement - PBLI3: Education of Team Members



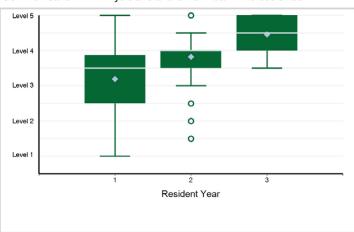
#### 15. Professionalism - PROF1: Professional Ethics and Accountability



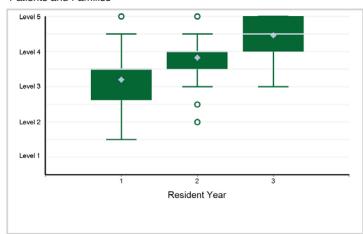
 Professionalism - PROF2: Compassion, Integrity, and Respect for Others



## 17. Interpersonal and Communication Skills - ICS1: Teamwork and Communication with Physicians and Other Health Professionals



18. Interpersonal and Communication Skills - ICS2: Communication with Patients and Families

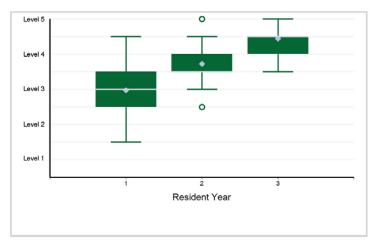


#### TABLE 67: SUBSPECIALTY: Reproductive Endocrinology and Infertility

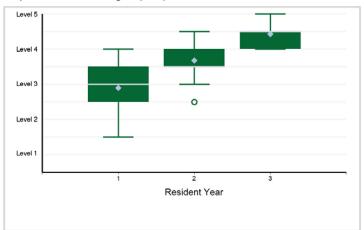
Resident Year	1	2	3	Total Residents*
# of Residents	61	55	56	172

<sup>\*</sup>Note: There are 1 residents with an incomplete milestone evaluation that are excluded from the box plots below.

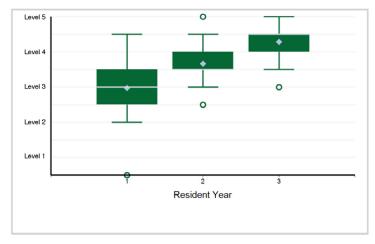
#### 1. Patient Care - PC1: General Infertility Evaluation



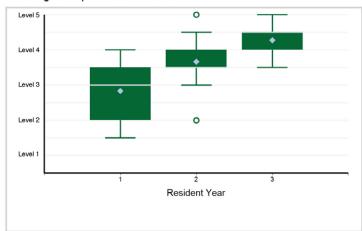
## 2. Patient Care - PC2: Ovulation Induction (OI) and Assisted Reproductive Technologies (ART)



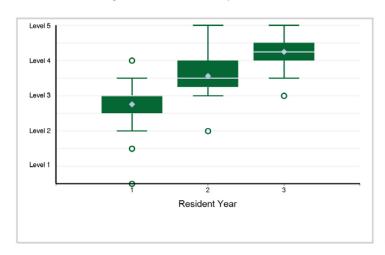
#### 3. Patient Care - PC3: Surgery for Reproductive Disorders



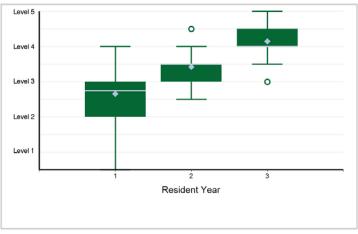
## 4. Medical Knowledge - MK1: Diagnostic Techniques and Treatment Planning for Reproductive Disorders



#### 5. Medical Knowledge - MK2: Genetic Principles

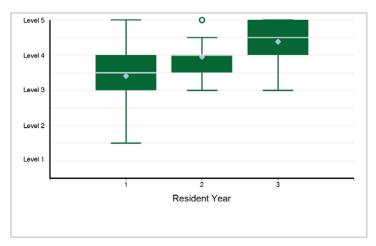


## 6. Medical Knowledge - MK3: Reproductive Medicine and Neuroendocrinology

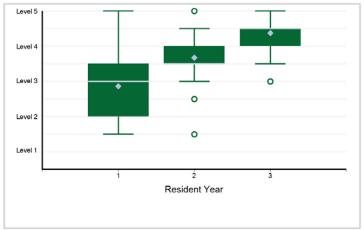


#### SUBSPECIALTY: Reproductive Endocrinology and Infertility

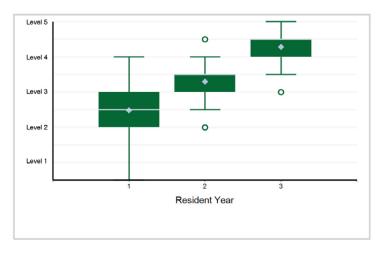
#### 7. Systems-Based Practice - SBP1: Computer Systems



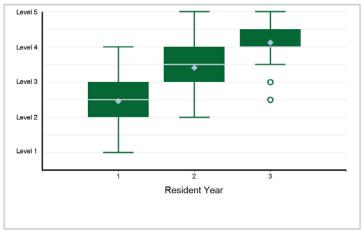
## 8. Systems-Based Practice - SBP2: Value-based Patient Care (Quality/Cost)



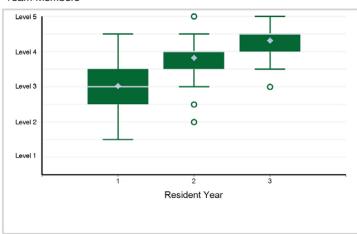
#### 9. Practice-Based Learning and Improvement - PBLI1: Scholarly Activity



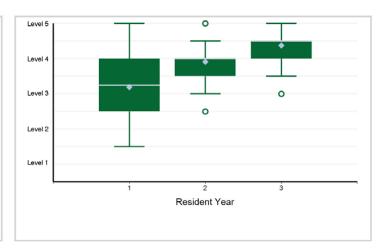
10. Practice-Based Learning and Improvement - PBLI2: Quality Improvement (QI)



## 11. Practice-Based Learning and Improvement - PBLI3: Education of Team Members

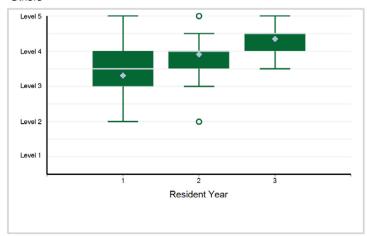


#### 12. Professionalism - PROF1: Professional Ethics and Accountability

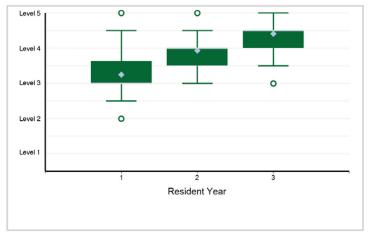


#### SUBSPECIALTY: Reproductive Endocrinology and Infertility

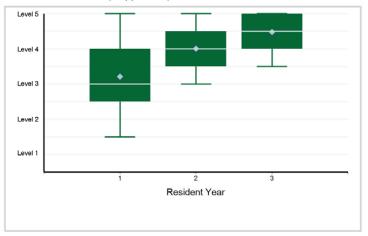
## 13. Professionalism - PROF2: Compassion, Integrity, and Respect for Others



## 14. Interpersonal and Communication Skills - ICS1: Teamwork and Communication with Physicians and Other Health Professionals



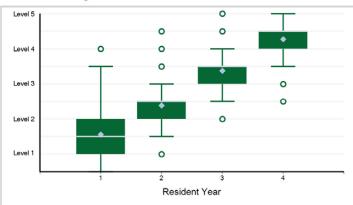
## 15. Interpersonal and Communication Skills - ICS2: Communication with Patients and Partner (if applicable)



#### TABLE 68: SPECIALTY: Ophthalmology

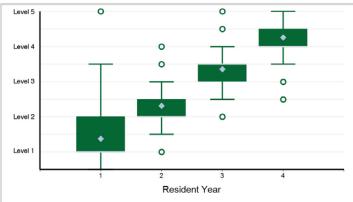
Resident Year	1	2	3	4	Total Residents
# of Residents	171	519	507	496	1,693

#### 1. Patient Care - Patient Care 1: Data Acquisition - Basic Ophthalmology Exam and Testing



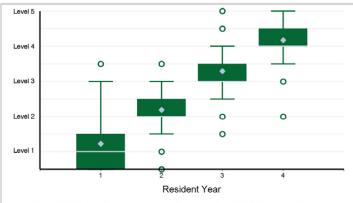
Note: 3 of 1,693 residents have a status of "Not Yet Assessable" and are not included in the analysis.

## 3. Patient Care - Patient Care 3: Office-Based Procedures



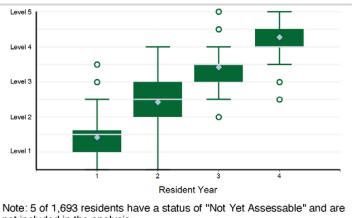
Note: 33 of 1,693 residents have a status of "Not Yet Assessable" and are not included in the analysis

#### 5. Patient Care - Patient Care 5: Extraocular Surgery (Plastics, Strabismus)



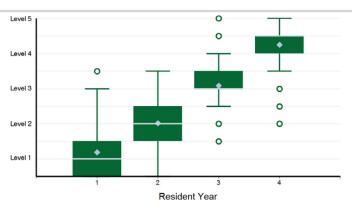
Note: 91 of 1,693 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 2. Patient Care - Patient Care 2: Hospital-Based Consultation



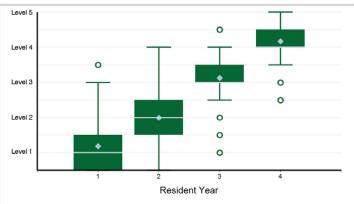
not included in the analysis.

#### 4. Patient Care - Patient Care 4: Cataract Surgery - Technical Skill



Note: 149 of 1,693 residents have a status of "Not Yet Assessable" and are not included in the analysis.

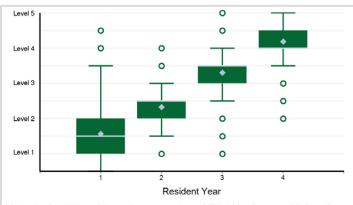
#### 6. Patient Care - Patient Care 6: Intraocular Surgery (Cornea, Retina, Glaucoma)



Note: 208 of 1,693 residents have a status of "Not Yet Assessable" and are not included in the analysis.

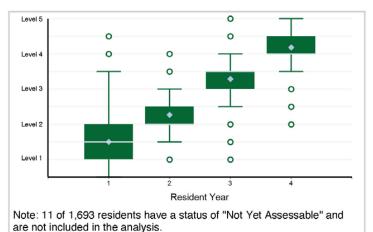
### SPECIALTY: Ophthalmology

#### 7. Medical Knowledge - Medical Knowledge 1: Pathophysiology

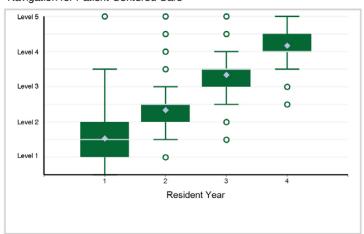


Note: 2 of 1,693 residents have a status of "Not Yet Assessable" and are not included in the analysis.

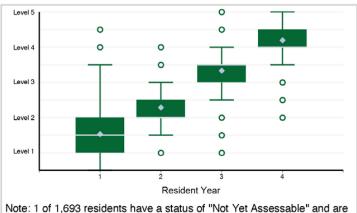
#### 9. Medical Knowledge - Medical Knowledge 3: Therapeutic Interventions



#### 11. Systems-Based Practice - Systems-based Practice 2: System Navigation for Patient-Centered Care

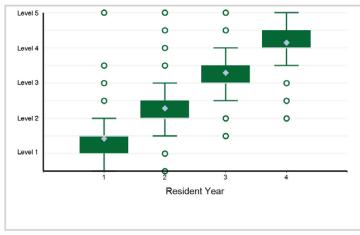


#### 8. Medical Knowledge - Medical Knowledge 2: Differential Diagnosis

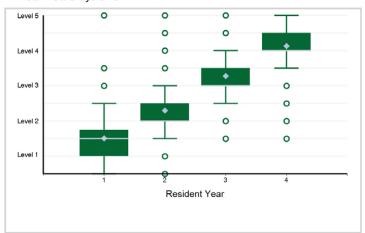


not included in the analysis.

#### 10. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement

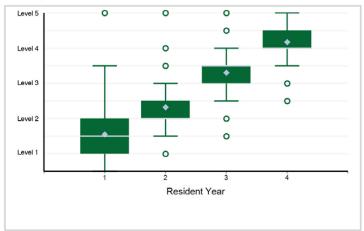


#### 12. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems

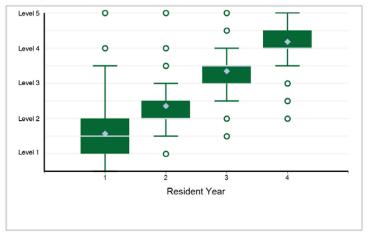


### SPECIALTY: Ophthalmology

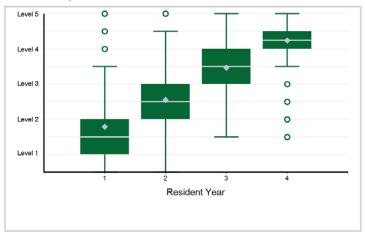
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



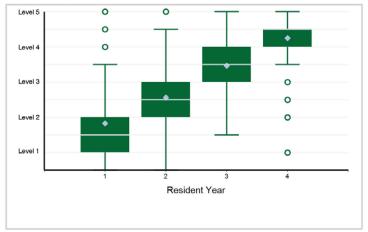
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



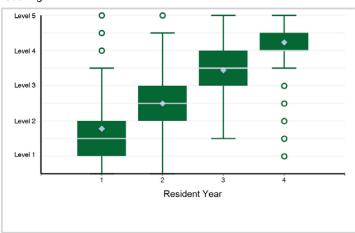
15. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



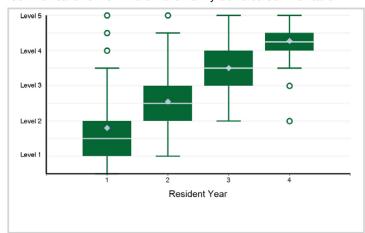
16. Professionalism - Professionalism 2: Accountability/Conscientiousness



17. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking

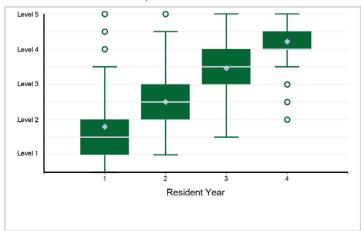


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient and Family-Centered Communication

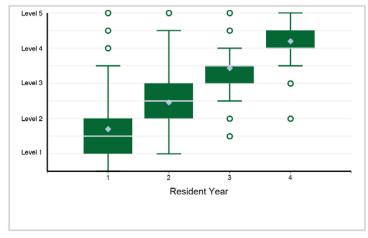


### SPECIALTY: Ophthalmology

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

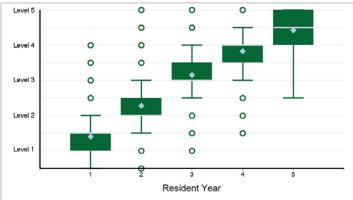


#### TABLE 69: SPECIALTY: Orthopaedic Surgery

Resident Year	1	2	3	4	5	Total Residents*
# of Residents	909	905	889	891	876	4,470

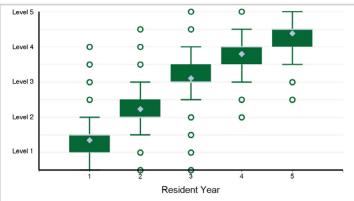
<sup>\*</sup>Note: There are 20 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### Patient Care - Patient Care 1: Operative Management of Fractures and Dislocations



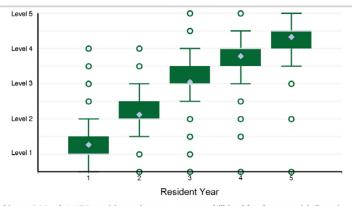
Note: 36 of 4,450 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### Patient Care - Patient Care 3: Operative Management of Degenerative, Infectious, and Neoplastic Conditions



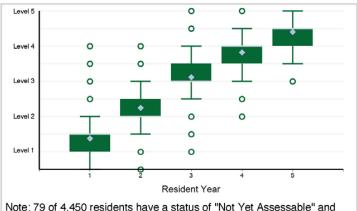
Note: 85 of 4,450 residents have a status of "Not Yet Assessable" and are not included in the analysis.

## 5. Patient Care - Patient Care 5: Operative Management of Pediatric Conditions



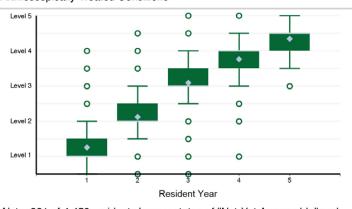
Note: 322 of 4,450 residents have a status of "Not Yet Assessable" and are not included in the analysis.

## 2. Patient Care - Patient Care 2: Operative Management of Soft Tissue Pathology



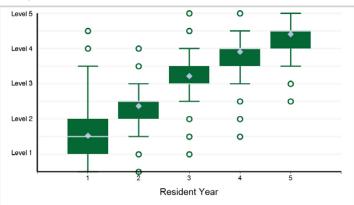
Note: 79 of 4,450 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### Patient Care - Patient Care 4: Operative Management of Arthroscopically Treated Conditions



Note: 221 of 4,450 residents have a status of "Not Yet Assessable" and are not included in the analysis.

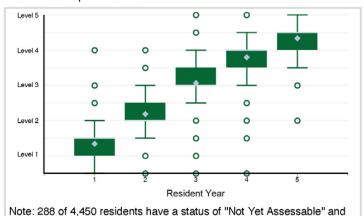
#### Patient Care - Patient Care 6: Evaluation and Management of the Adult Orthopaedic Patient



Note: 55 of 4,450 residents have a status of "Not Yet Assessable" and are not included in the analysis.

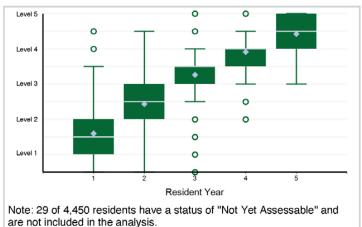
#### SPECIALTY: Orthopaedic Surgery

#### 7. Patient Care - Patient Care 7: Evaluation and Management of the Pediatric Orthopaedic Patient

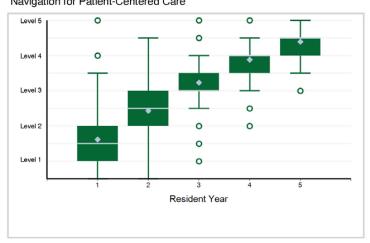


# are not included in the analysis.

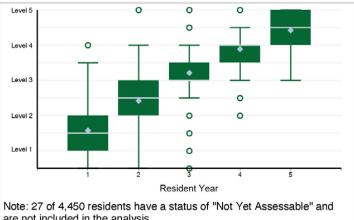
#### 9. Medical Knowledge - Medical Knowledge 2: Anatomy and Physiology of Musculoskeletal Conditions



11. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care

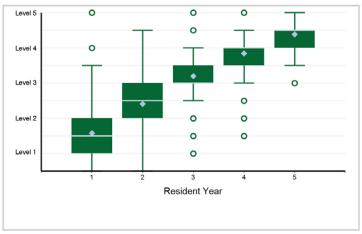


#### 8. Medical Knowledge - Medical Knowledge 1: Orthopaedic Clinical Decision Making

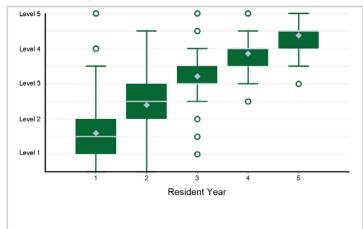


are not included in the analysis.

#### 10. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement

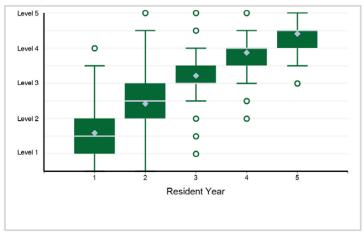


12. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems

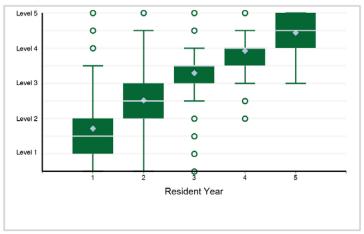


#### SPECIALTY: Orthopaedic Surgery

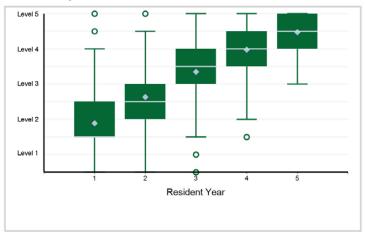
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



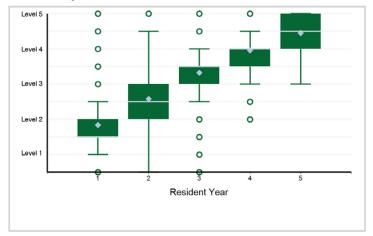
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



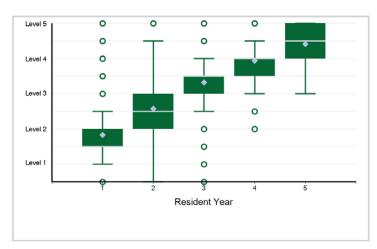
15. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



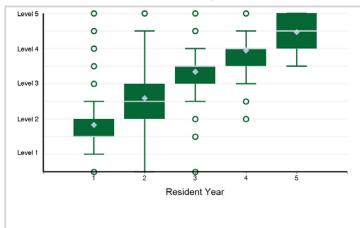
16. Professionalism - Professionalism 2: Accountability/Conscientiousness



17. Professionalism - Professionalism 3: Well-Being

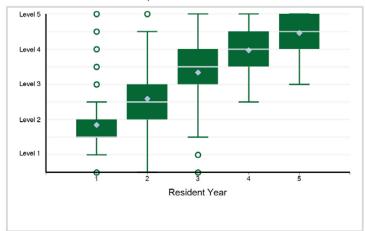


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

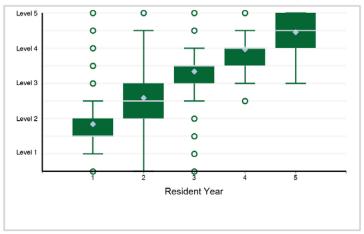


### **SPECIALTY: Orthopaedic Surgery**

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

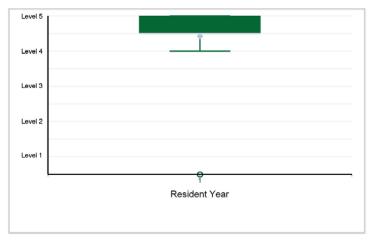


#### TABLE 70: SUBSPECIALTY: Adult Reconstructive Orthopaedic Surgery

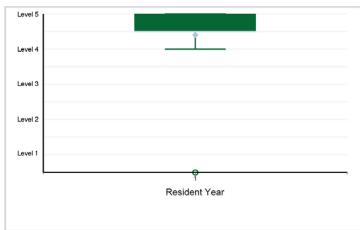
Resident Year	1	Total Residents*
# of Residents	53	53

<sup>\*</sup>Note: There are 1 residents with an incomplete milestone evaluation that are excluded from the box plots below.

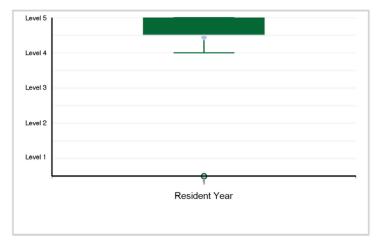
#### 1. Patient Care - Knee Arthritis-Patient Care



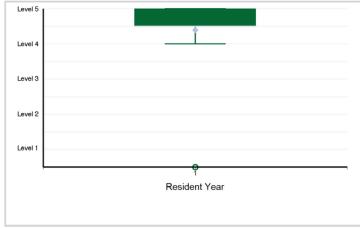
#### 2. Patient Care - Knee Revisions-Patient Care



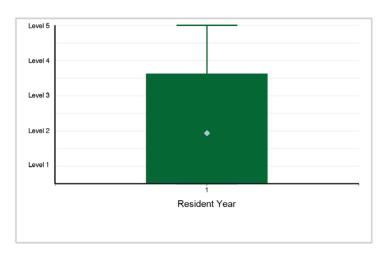
#### 3. Patient Care - Hip Arthritis-Patient Care



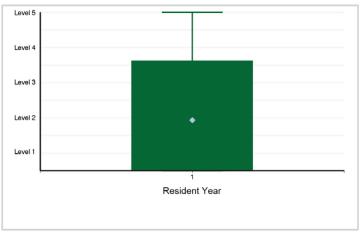
#### 4. Patient Care - Hip Revision-Patient Care



#### 5. Patient Care - Shoulder Arthritis - Patient Care

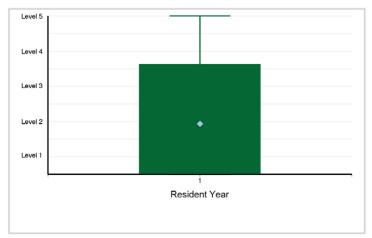


#### 6. Patient Care - Shoulder Revisions - Patient Care

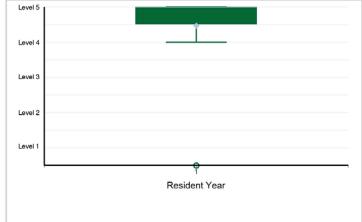


### SUBSPECIALTY: Adult Reconstructive Orthopaedic Surgery

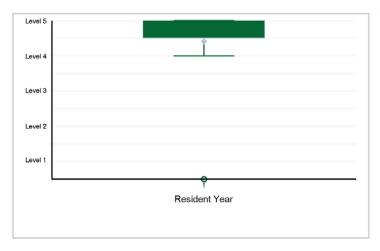
7. Patient Care - Elbow Arthritis - Patient Care



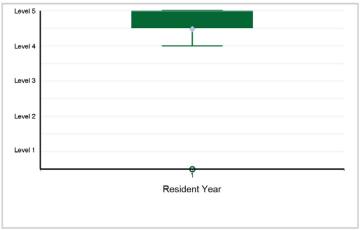
8. Medical Knowledge - Knee Arthritis-Medical Knowledge



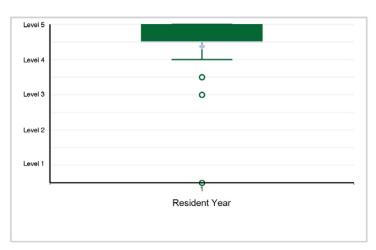
9. Medical Knowledge - Knee Revision-Medical Knowledge



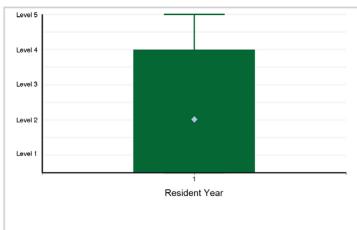
10. Medical Knowledge - Hip Arthritis-Medical Knowledge



11. Medical Knowledge - Hip Revision-Medical Knowledge

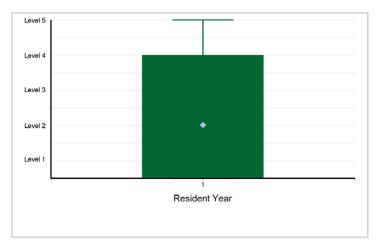


12. Medical Knowledge - Shoulder Arthritis - Medical Knowledge

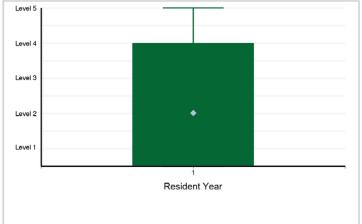


#### SUBSPECIALTY: Adult Reconstructive Orthopaedic Surgery

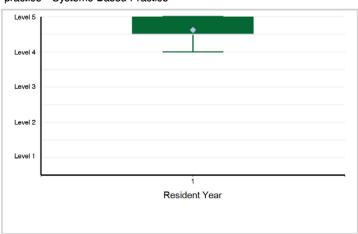
13. Medical Knowledge - Shoulder Revision - Medical Knowledge



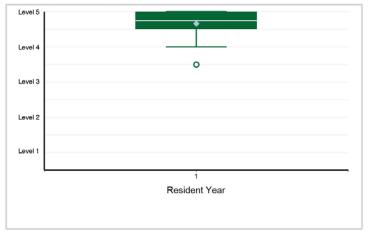
14. Medical Knowledge - Elbow Arthritis - Medical Knowledge



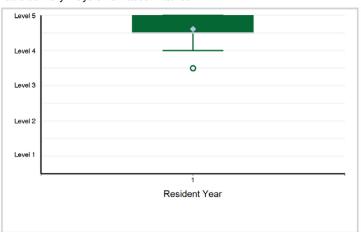
15. Systems-Based Practice - Systems thinking, including cost-effective practice—Systems-Based Practice



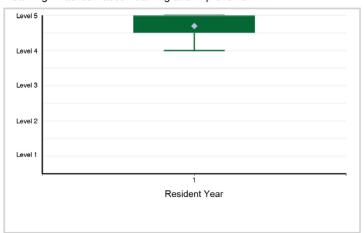
 Systems-Based Practice - Works in interprofessional teams to enhance patient safety and quality care—Systems-Based Practice



17. Systems-Based Practice - Uses technology to accomplish safe health care delivery—Systems-Based Practice

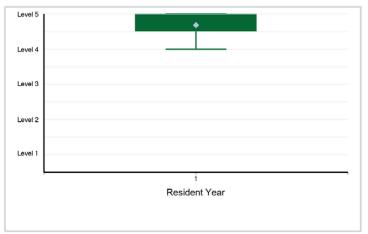


18. Practice-Based Learning and Improvement - Self-directed Learning-Practice-Based Learning and Improvement ...

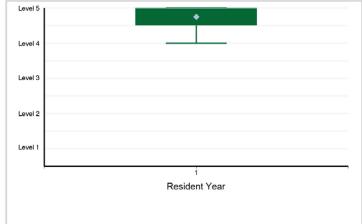


#### SUBSPECIALTY: Adult Reconstructive Orthopaedic Surgery

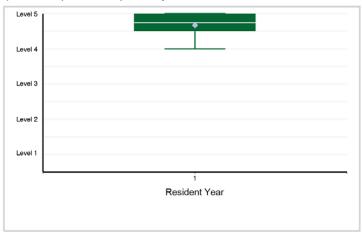
19. Practice-Based Learning and Improvement - Locate, appraise, and assimilate evidence from scientific ...



20. Professionalism - Compassion, integrity, and respect for others, as well as sensitivity and responsiveness ...



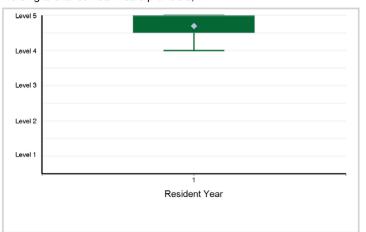
21. Professionalism - Accountability to patients, society, and the profession; personal responsibility to ...



22. Interpersonal and Communication Skills - Communication—Interpersonal and Communication Skills



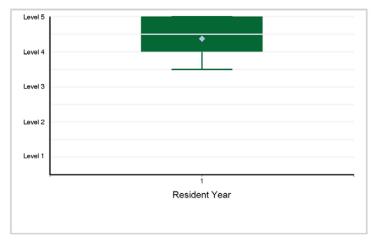
23. Interpersonal and Communication Skills - Teamwork (e.g., physician, nursing and allied health care providers,  $\dots$ 



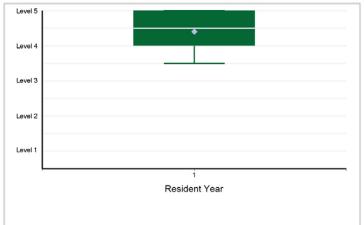
### TABLE 71: SUBSPECIALTY: Foot and Ankle Orthopaedic Surgery

Resident Year	1	Total Residents
# of Residents	16	16

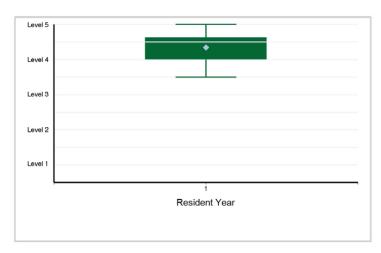
#### 1. Patient Care - Achilles Disorders-Patient Care



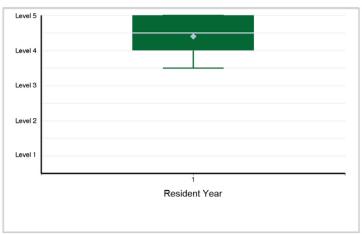
#### 2. Medical Knowledge - Achilles Disorder — Medical Knowledge



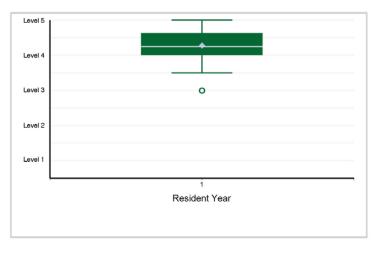
#### 3. Patient Care - Ankle Arthritis-Patient Care



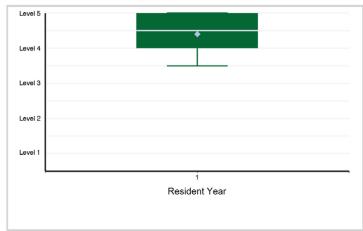
4. Medical Knowledge - Ankle Arthritis-Medical Knowledge



#### 5. Patient Care - Calcaneus Fractures—Patient Care

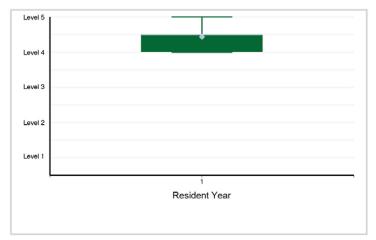


6. Medical Knowledge - Calcaneus Fractures-Medical Knowledge

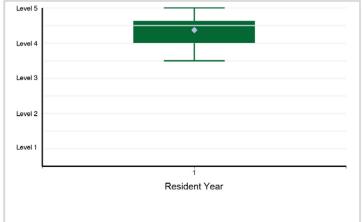


### SUBSPECIALTY: Foot and Ankle Orthopaedic Surgery

#### 7. Patient Care - Diabetic Foot-Patient Care



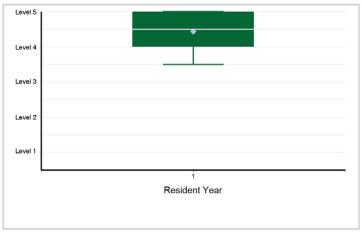
#### 8. Medical Knowledge - Diabetic Foot-Medical Knowledge



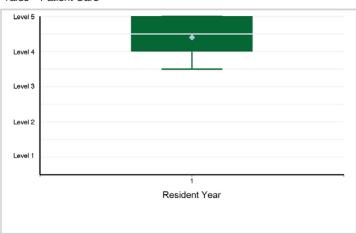
#### 9. Patient Care - Hallux Valgus-Patient Care



10. Medical Knowledge - Hallux Valgus-Medical Knowledge



11. Patient Care - Ankle Arthroscopy: Osteochondritis Dissecans (OCD) Talus—Patient Care

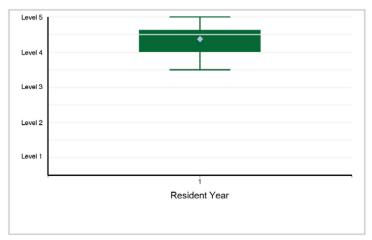


12. Medical Knowledge - Ankle Arthroscopy: Osteochondral Defects of the Talus—Medical Knowledge

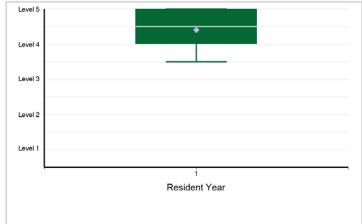


### SUBSPECIALTY: Foot and Ankle Orthopaedic Surgery

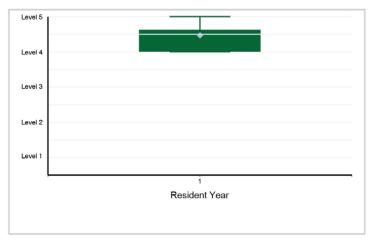
#### 13. Patient Care - Pes Cavus-Patient Care



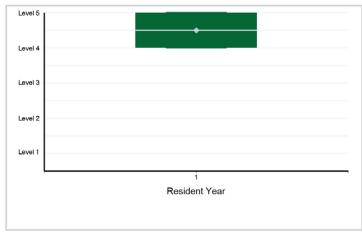
#### 14. Medical Knowledge - Pes Cavus-Medical Knowledge



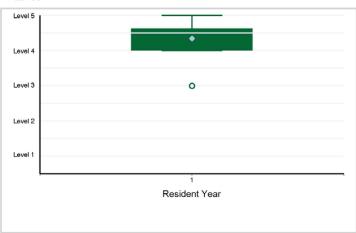
#### 15. Patient Care - Pes Planovalgus-Patient Care



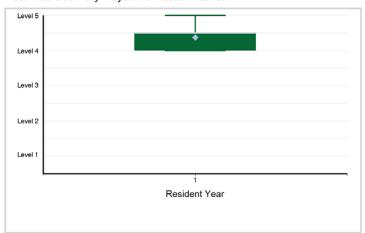
16. Medical Knowledge - Pes Planovalgus-Medical Knowledge



17. Systems-Based Practice - Interprofessional Teams—Systems-Based Practice

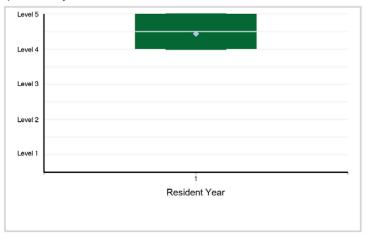


18. Systems-Based Practice - Use of technology to accomplish safe health care delivery—Systems-Based Practice

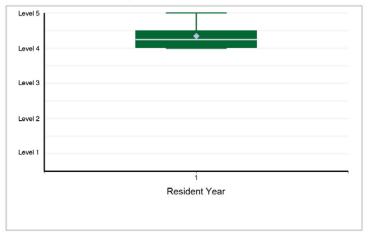


#### SUBSPECIALTY: Foot and Ankle Orthopaedic Surgery

19. Systems-Based Practice - Systems thinking, including cost-effective practice—Systems-Based Practice



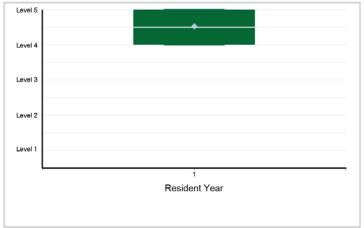
20. Practice-Based Learning and Improvement - Locate, appraise, and assimilate evidence to improve patient ...



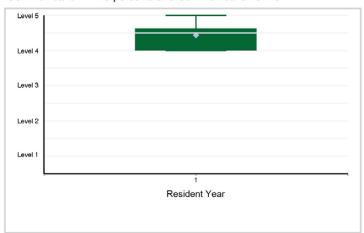
21. Professionalism - Accountability and Responsibility—Professionalism



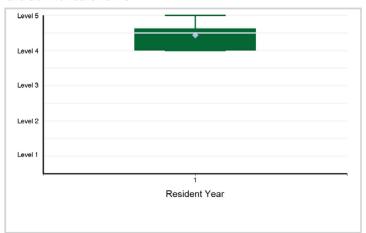
22. Professionalism - Compassion, Integrity, and Respect for others—Professionalism



23. Interpersonal and Communication Skills - Communication—Interpersonal and Communication Skills



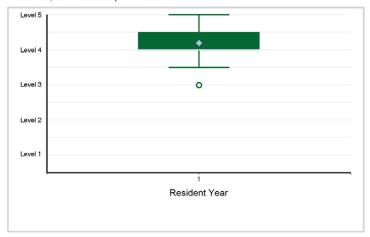
24. Interpersonal and Communication Skills - Teamwork—Interpersonal and Communication Skills



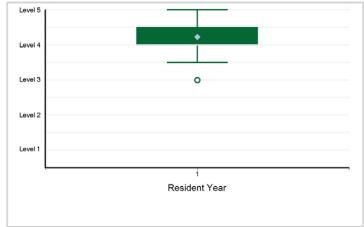
#### TABLE 72: SUBSPECIALTY: Hand Surgery (multidisciplinary, Orthopaedic Surgery)

Resident Year	1	Total Residents
# of Residents	156	156

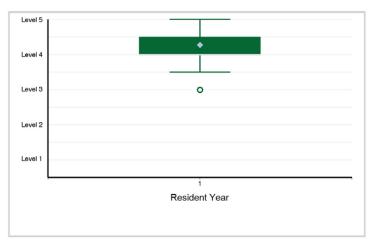
1. Patient Care - Acquired Conditions (Tumor, Dupuytren's, tenosynovitis, vascular, contractures) — Patient Care



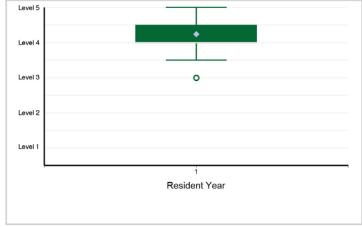
2. Medical Knowledge - Acquired Conditions (Tumor, Dupuytren's, tenosynovitis, vascular, contractures) — Medical Knowledge



3. Patient Care - Arthritis - Patient Care



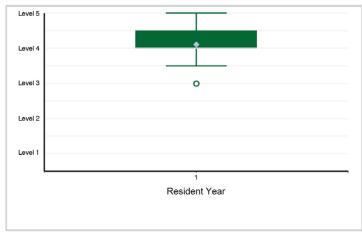
4. Medical Knowledge - Arthritis — Medical Knowledge



5. Patient Care - Congenital — Patient Care

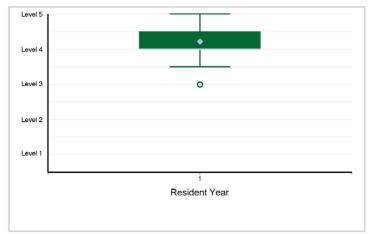


6. Medical Knowledge - Congenital — Medical Knowledge

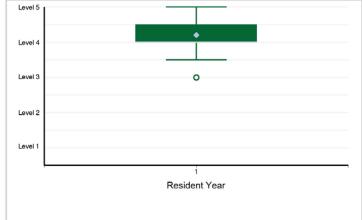


#### SUBSPECIALTY: Hand Surgery (multidisciplinary, Orthopaedic Surgery)

#### 7. Patient Care - Nerve - Patient Care



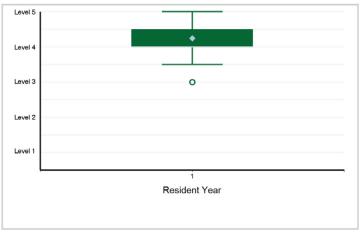
#### 8. Medical Knowledge - Nerve — Medical Knowledge



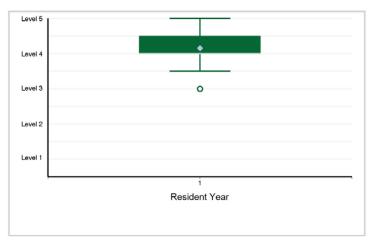
#### 9. Patient Care - Trauma: Bone, Joint — Patient Care



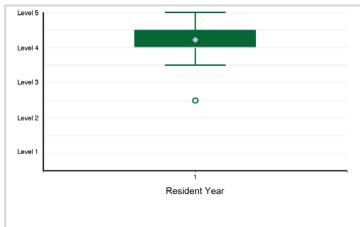
10. Medical Knowledge - Trauma: Bone, Joint — Medical Knowledge



#### 11. Patient Care - Soft Tissue Trauma, Infections — Patient Care

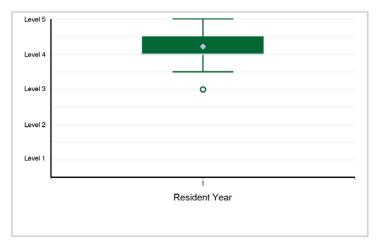


12. Medical Knowledge - Soft Tissue Trauma, Infections — Medical Knowledge

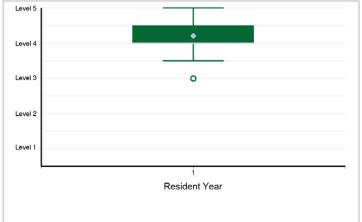


#### SUBSPECIALTY: Hand Surgery (multidisciplinary, Orthopaedic Surgery)

#### 13. Patient Care - Tendon - Patient Care



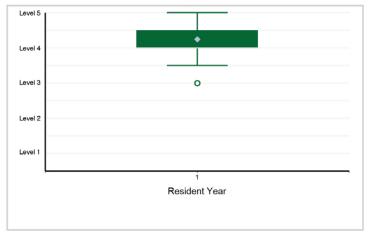
#### 14. Medical Knowledge - Tendon — Medical Knowledge



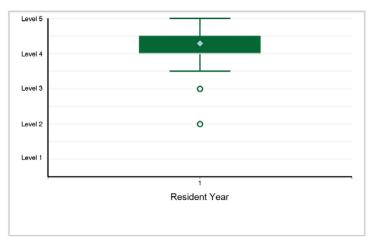
15. Systems-Based Practice - Patient Safety, Resource Allocation, Practice Management — Systems-Based Practice



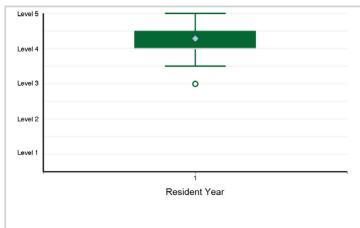
16. Practice-Based Learning and Improvement - The ability to investigate and evaluate the care of patients, to appraise and ...



#### 17. Professionalism - Ethics and Values — Professionalism



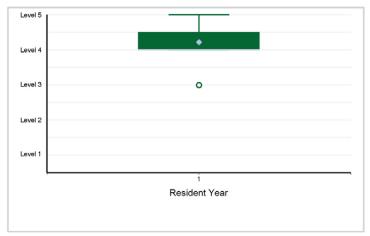
18. Interpersonal and Communication Skills - Interpersonal and Communication Skills



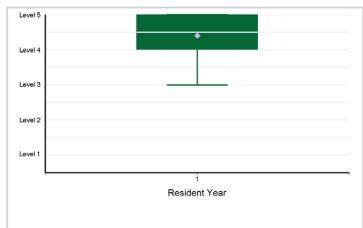
### TABLE 73: SUBSPECIALTY: Musculoskeletal Oncology

Resident Year	1	Total Residents
# of Residents	16	16

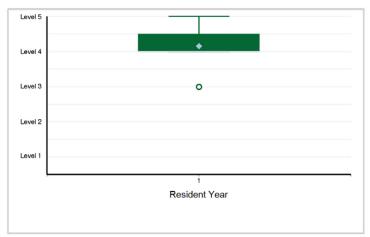
#### 1. Patient Care - Metastatic Bone Lesion-Patient Care



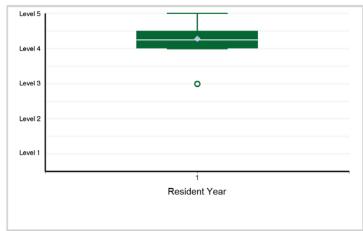
#### 2. Medical Knowledge - Metastatic Bone Lesion-Medical Knowledge



#### 3. Patient Care - Malignant Bone Lesion (Primary)-Patient Care



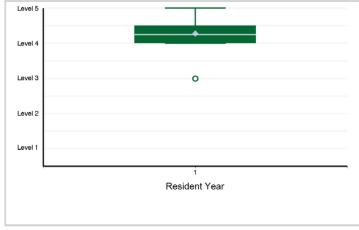
4. Medical Knowledge - Malignant Bone (Primary)—Medical Knowledge



### 5. Patient Care - Malignant Soft Tissue Tumor—Patient Care

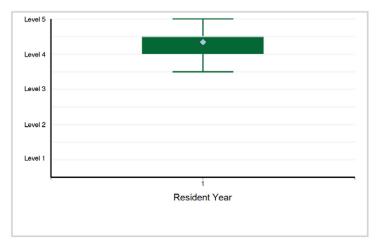


6. Medical Knowledge - Malignant Soft Tissue Tumor—Medical Knowledge

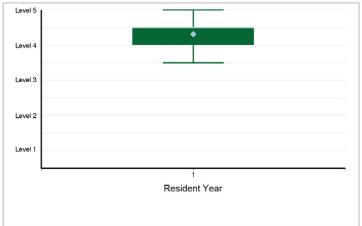


### SUBSPECIALTY: Musculoskeletal Oncology

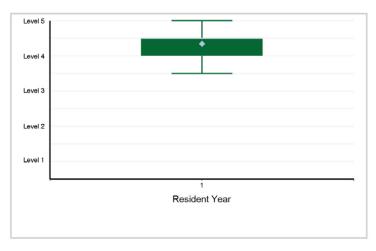
7. Patient Care - Benign Bone Tumor—Patient Care



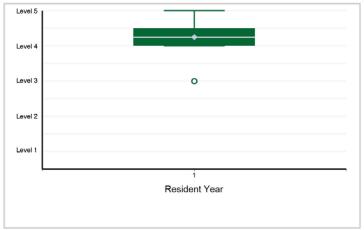
8. Medical Knowledge - Benign Bone Tumor-Medical Knowledge



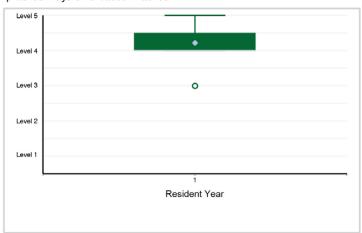
9. Patient Care - Benign Soft Tissue Tumor-Patient Care



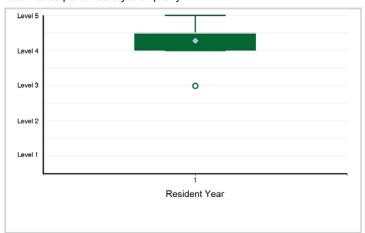
10. Medical Knowledge - Benign Soft Tissue Tumor-Medical Knowledge



11. Systems-Based Practice - Systems thinking, including cost-effective practice—Systems-based Practice

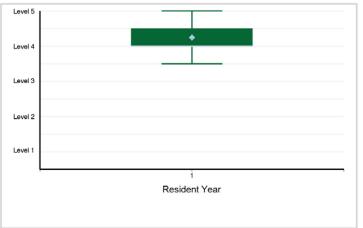


12. Systems-Based Practice - Fellow will work in interprofessional teams to enhance patient safety and quality  $\dots$ 

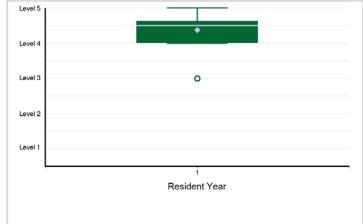


### SUBSPECIALTY: Musculoskeletal Oncology

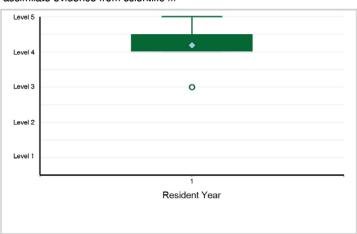
13. Systems-Based Practice - Uses technology to accomplish safe health care delivery—Systems-based Practice



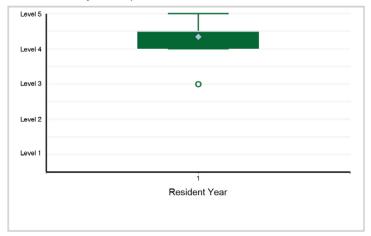
14. Practice-Based Learning and Improvement - Self-Directed Learning—Practice-based Learning and Improvement ...



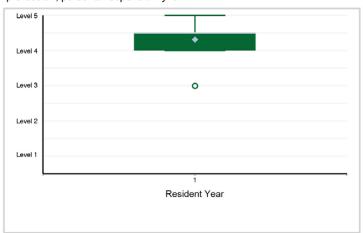
15. Practice-Based Learning and Improvement - Locate, appraise, and assimilate evidence from scientific  $\dots$ 



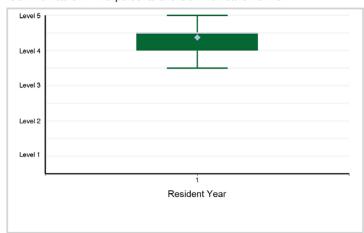
16. Professionalism - Compassion, integrity, and respect for others as well as sensitivity and responsiveness ...



17. Professionalism - Accountability to patients, society, and the profession; personal responsibility to ...

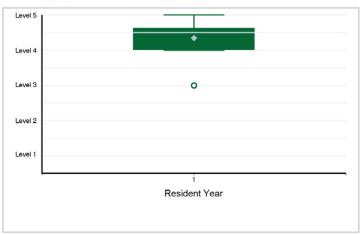


18. Interpersonal and Communication Skills - Communication—Interpersonal and Communication Skills



## SUBSPECIALTY: Musculoskeletal Oncology

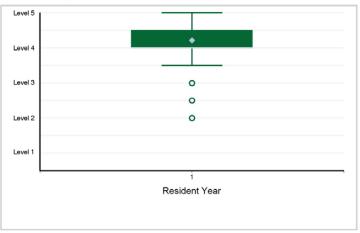
19. Interpersonal and Communication Skills - Teamwork—Interpersonal and Communication Skills



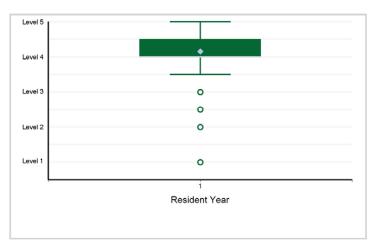
### TABLE 74: SUBSPECIALTY: Orthopaedic Sports Medicine

Resident Year	1	Total Residents
# of Residents	216	216

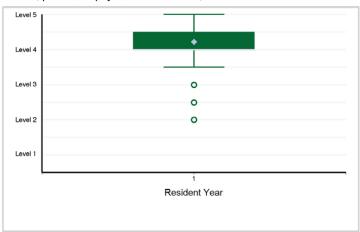
1. Patient Care - Nonoperative: history and physical examination, imaging interpretation, common medical  $\dots$ 



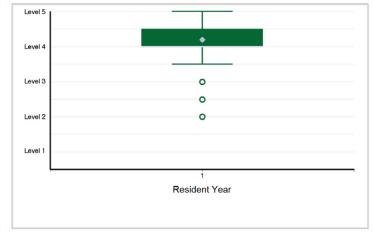
2. Patient Care - Operative Skills-Patient Care



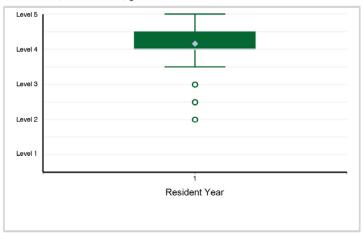
3. Patient Care - Team Coverage and Athletic Care: coverage of sporting events, preseason physical examinations,  $\dots$ 



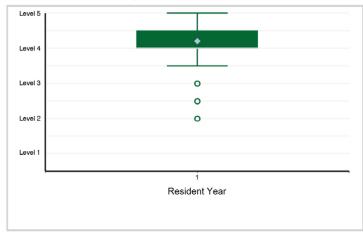
4. Medical Knowledge - Basic Science: gross anatomy, microanatomy, rehabilitation and kinesiology, pathophysiology, tissue ...



5. Medical Knowledge - Medical Issues: cardiopulmonary, skin, heat/cold intolerance, concussions, gastrointestinal ...

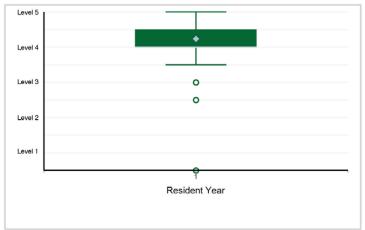


6. Medical Knowledge - Musculoskeletal: acute and chronic orthopaedic disorders, acute non-orthopaedic ...

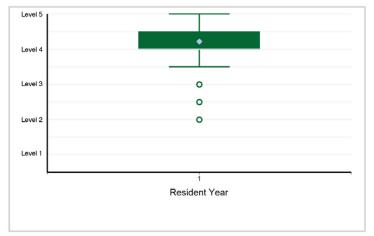


### SUBSPECIALTY: Orthopaedic Sports Medicine

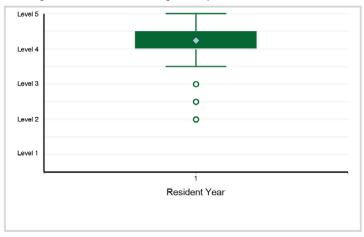
7. Systems-Based Practice - Working with interprofessional teams (consultants, certified athletic trainer [ATCs], physical ...



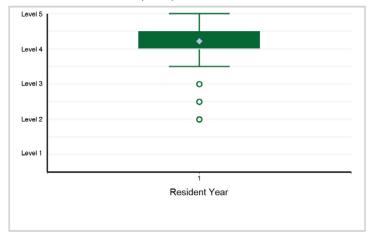
8. Systems-Based Practice - Systems thinking—Systems-based Practice



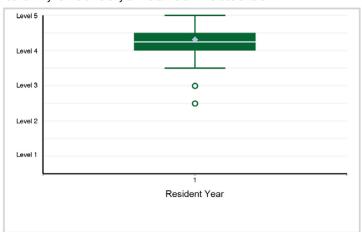
9. Practice-Based Learning and Improvement - Self-directed learning—Practice-based Learning and Improvement



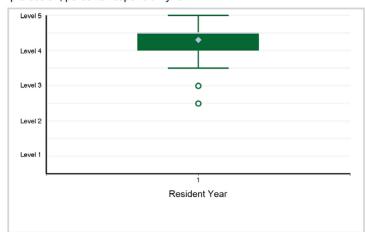
10. Practice-Based Learning and Improvement - Locate, appraise, and contribute to evidence to improve patient ...



11. Professionalism - Compassion, integrity, respect for others, and sensitivity to the diversity of the athlete—Professionalism



12. Professionalism - Accountability to patients, society, and the profession; personal responsibility to ...

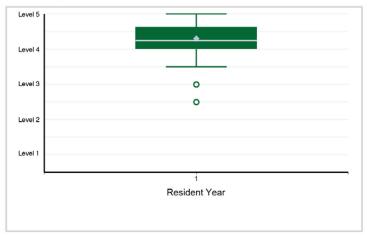


## SUBSPECIALTY: Orthopaedic Sports Medicine

13. Interpersonal and Communication Skills - Communication—Interpersonal and Communication Skills



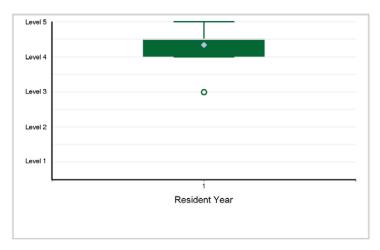
14. Interpersonal and Communication Skills - Teamwork—Interpersonal and Communication Skills



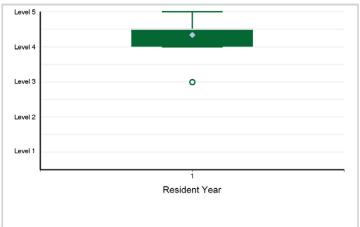
## TABLE 75: SUBSPECIALTY: Orthopaedic Surgery of the Spine

Resident Year	1	Total Residents
# of Residents	25	25

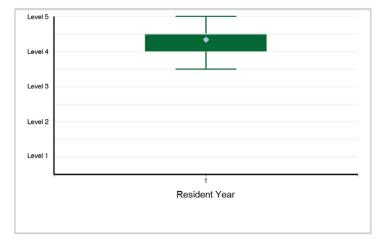
#### 1. Patient Care - Degenerative Lumbar-Patient Care



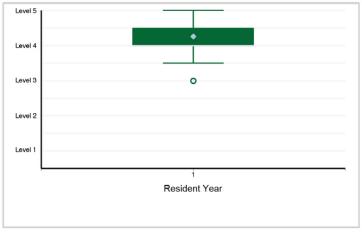
#### 2. Patient Care - Degenerative Cervical-Patient Care



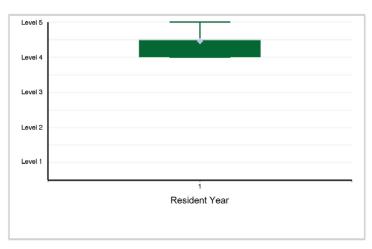
#### 3. Patient Care - Traumatic-Patient Care



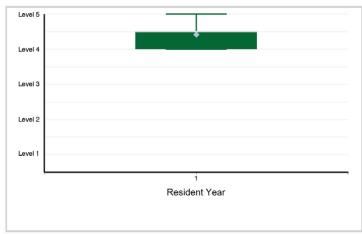
4. Patient Care - Deformity-Patient Care



### 5. Medical Knowledge - Degenerative Lumbar—Medical Knowledge

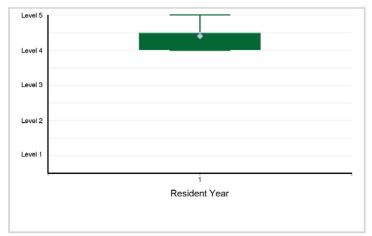


#### 6. Medical Knowledge - Degenerative Cervical—Medical Knowledge

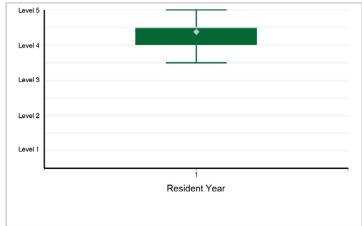


### SUBSPECIALTY: Orthopaedic Surgery of the Spine

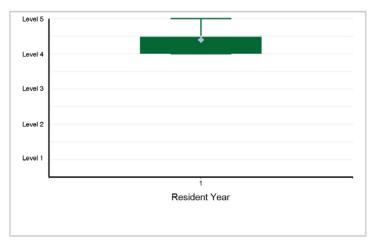
7. Medical Knowledge - Traumatic-Medical Knowledge



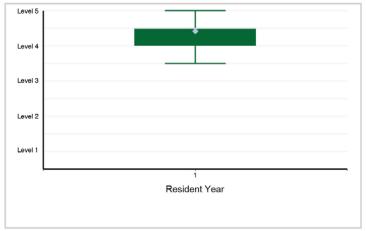
8. Medical Knowledge - Deformity-Medical Knowledge



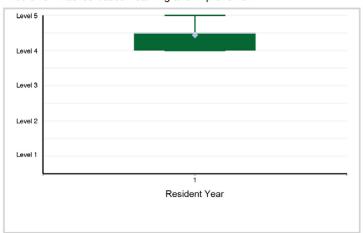
9. Systems-Based Practice - Systems-based Practice



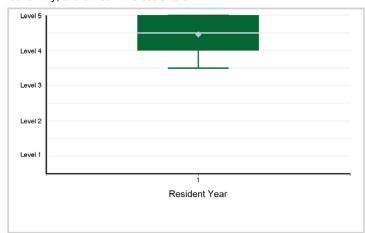
10. Practice-Based Learning and Improvement - Self-directed Learning-Practice-based Learning and Improvement



11. Practice-Based Learning and Improvement - Evidence-based Medicine-Practice-based Learning and Improvement

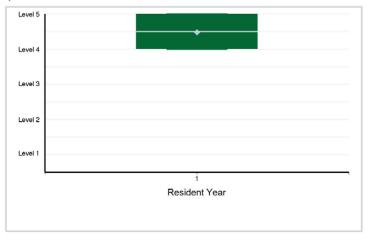


12. Professionalism - Commitment to diversity, compassion, integrity, sensitivity, and ethics—Professionalism

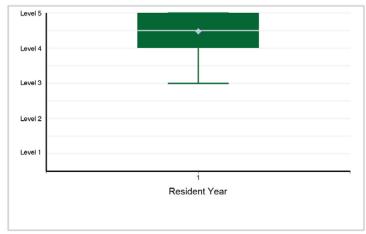


## SUBSPECIALTY: Orthopaedic Surgery of the Spine

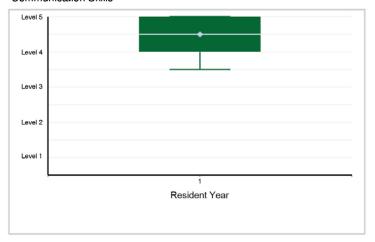
# 13. Professionalism - Accountability and professionalism—Professionalism



# 14. Interpersonal and Communication Skills - Patient Centered Communications–Interpersonal and Communication Skills



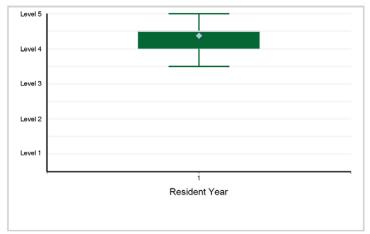
# 15. Interpersonal and Communication Skills - Interpersonal and Communication Skills



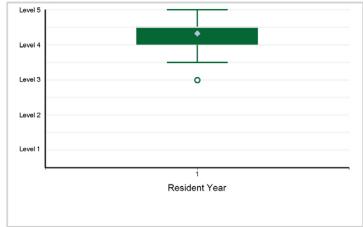
### TABLE 76: SUBSPECIALTY: Orthopaedic Trauma

Resident Year	1	Total Residents
# of Residents	20	20

#### 1. Patient Care - Care of multiply injured patient-Patient Care



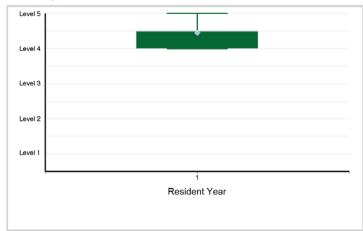
# 2. Medical Knowledge - Care of multiply injured patient—Medical Knowledge



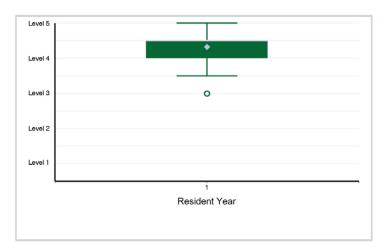
#### 3. Patient Care - Complex Diaphyseal Fracture—Patient Care



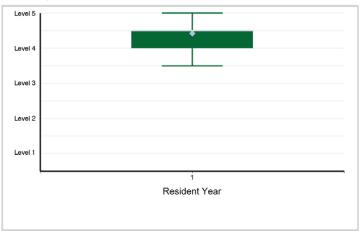
4. Medical Knowledge - Complex Diaphyseal Fracture—Medical Knowledge



### 5. Patient Care - Complex Periarticular Fractures—Patient Care

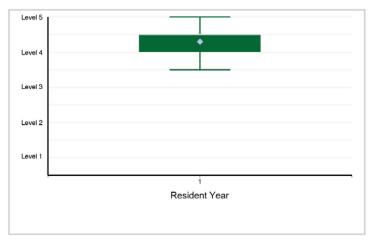


6. Medical Knowledge - Complex Periarticular Fractures—Medical Knowledge

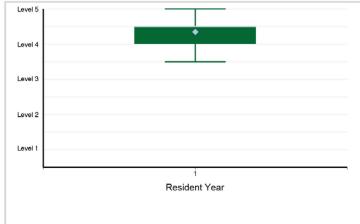


### SUBSPECIALTY: Orthopaedic Trauma

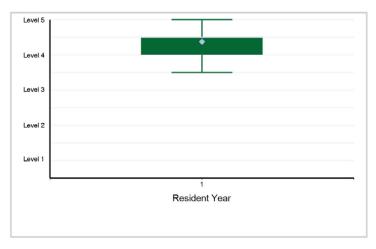
7. Patient Care - Nonunion/Malunion-Patient Care



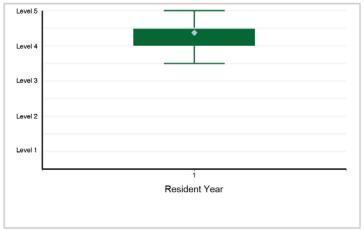
8. Medical Knowledge - Nonunion/Malunion—Medical Knowledge



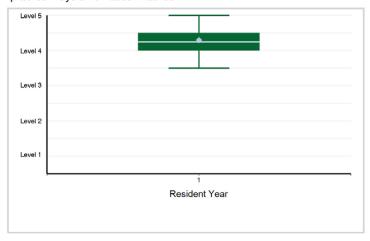
9. Patient Care - Pelvic and Acetabular fractures-Patient Care



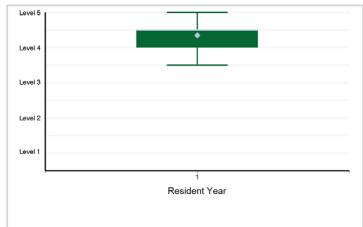
10. Medical Knowledge - Pelvic and Acetabular fractures—Medical Knowledge



11. Systems-Based Practice - Systems thinking, including cost-effective practice—Systems-Based Practice

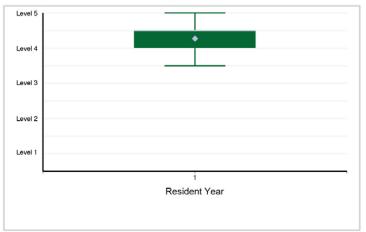


12. Systems-Based Practice - Fellow will work in interprofessional teams to enhance patient safety, quality  $\dots$ 

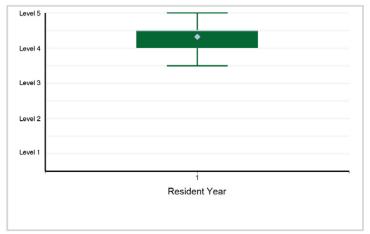


### SUBSPECIALTY: Orthopaedic Trauma

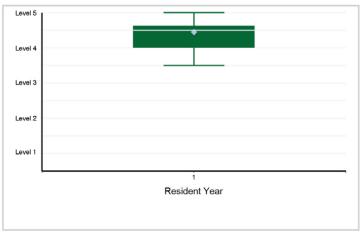
13. Practice-Based Learning and Improvement - Self-directed Learning—Practice-Based Learning and Improvement ...



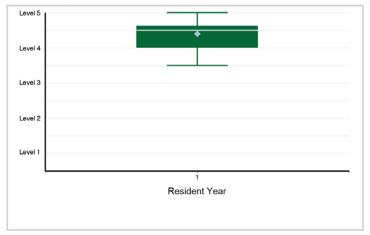
14. Practice-Based Learning and Improvement - Locate, appraise, and assimilate evidence from scientific ...



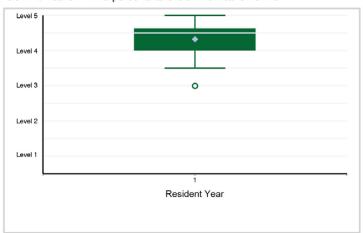
15. Professionalism - Compassion, integrity, and respect for others, as well as sensitivity and responsiveness  $\dots$ 



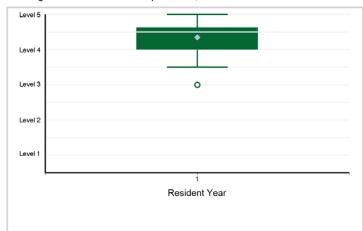
16. Professionalism - Accountability to patients, society, and the profession; personal responsibility to ...



17. Interpersonal and Communication Skills - Communication—Interpersonal and Communication Skills



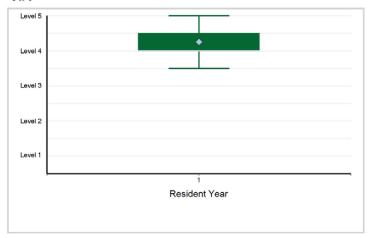
18. Interpersonal and Communication Skills - Teamwork (e.g., physician, nursing and allied health care providers,  $\dots$ 



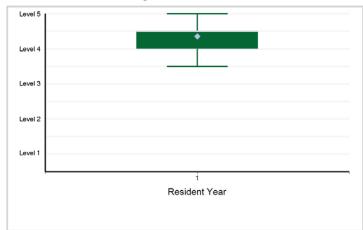
### TABLE 77: SUBSPECIALTY: Pediatric Orthopaedic Surgery

Resident Year	1	Total Residents
# of Residents	35	35

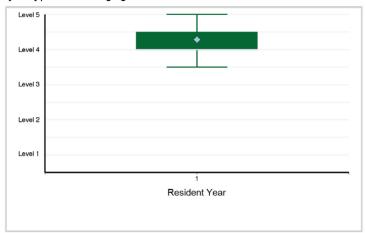
# 1. Patient Care - Pediatric Orthopaedics Idiopathic Scoliosis—Patient Care



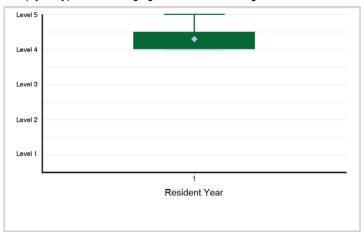
# 2. Medical Knowledge - Pediatric Orthopaedics Idiopathic Scoliosis—Medical Knowledge



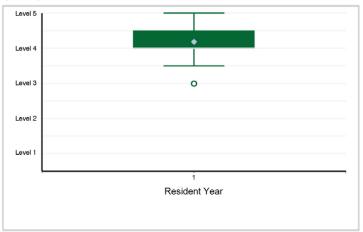
# 3. Patient Care - Pediatric Orthopaedics developmental dysplasia of hip [DDH] prior to walking age—Patient Care



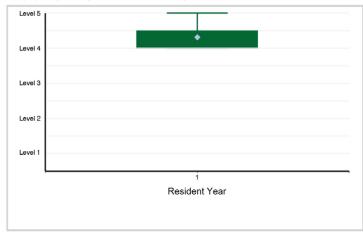
4. Medical Knowledge - Pediatric Orthopaedics developmental dysplasia of hip [DDH] prior to walking age—Medical Knowledge



# 5. Patient Care - Pediatric Orthopaedics slipped capital femoral epiphysis [SCFE]—Patient Care

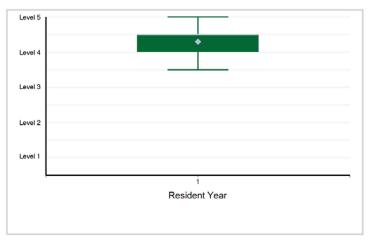


6. Medical Knowledge - Pediatric Orthopaedics slipped capital femoral epiphysis [SCFE]—Medical Knowledge

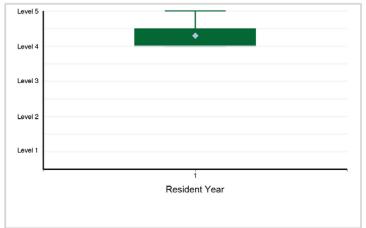


### SUBSPECIALTY: Pediatric Orthopaedic Surgery

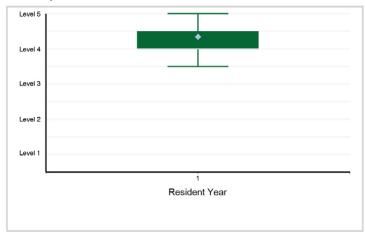
#### 7. Patient Care - Pediatric Orthopaedics Clubfoot—Patient Care



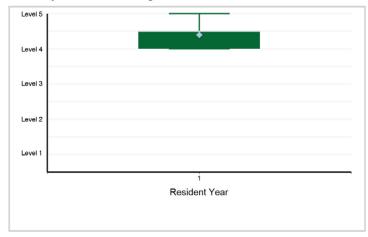
#### Medical Knowledge - Pediatric Orthopaedics Clubfoot—Medical Knowledge



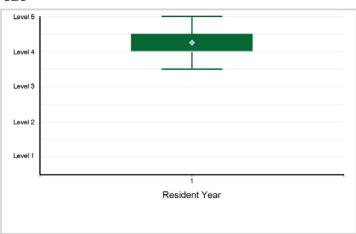
# 9. Patient Care - Pediatric Orthopaedics Lower Extremity Deformity—Patient Care



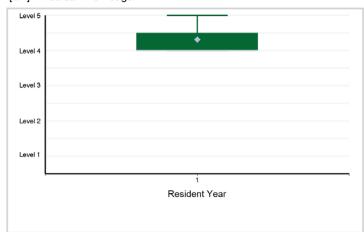
 Medical Knowledge - Pediatric Orthopaedics Lower Extremity Deformity—Medical Knowledge



# 11. Patient Care - Pediatric Orthopaedics Cerebral Palsy [CP]—Patient Care

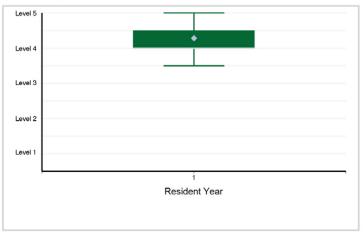


12. Medical Knowledge - Pediatric Orthopaedics Cerebral Palsy [CP]—Medical Knowledge

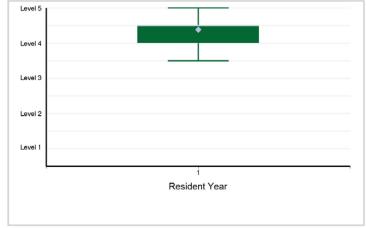


### SUBSPECIALTY: Pediatric Orthopaedic Surgery

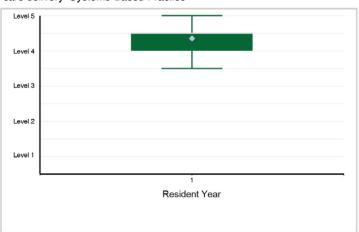
 Systems-Based Practice - Systems thinking, including cost-effective practice—Systems-Based Practice



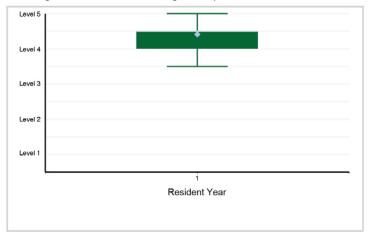
14. Systems-Based Practice - Resident will work in interprofessional teams to enhance patient safety and ...



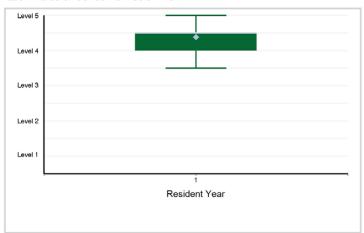
15. Systems-Based Practice - Uses technology to accomplish safe health care delivery–Systems-Based Practice



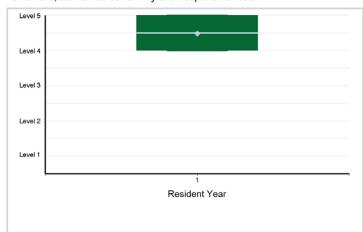
16. Practice-Based Learning and Improvement - Self-Directed Learning—Practice-Based Learning and Improvement 1. Identifies ...



17. Practice-Based Learning and Improvement - Locates, appraises, and assimilates evidence from scientific  $\dots$ 

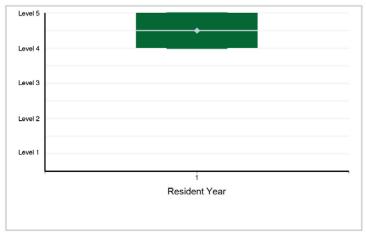


18. Professionalism - Demonstrates compassion, integrity, and respect for others, as well as sensitivity and responsiveness ...



## SUBSPECIALTY: Pediatric Orthopaedic Surgery

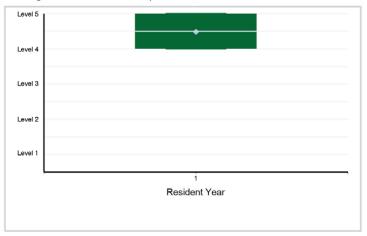
19. Professionalism - Demonstrates accountability to patients, society, and the profession; demonstrates ...



20. Interpersonal and Communication Skills - Communication—Interpersonal and Communication Skills



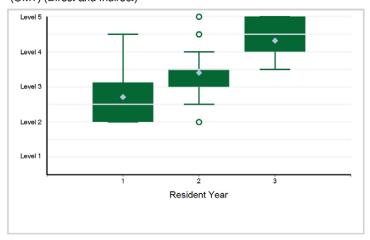
21. Interpersonal and Communication Skills - Teamwork (e.g., physician, nursing and allied health care providers, ...



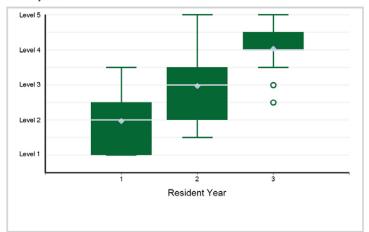
## TABLE 78: SPECIALTY: Osteopathic Neuromusculoskeletal Medicine

Resident Year	1	2	3	Total Residents
# of Residents	16	22	45	83

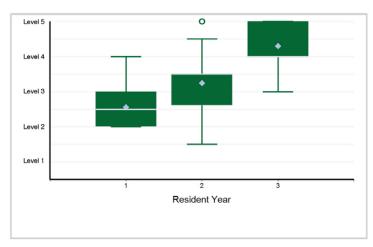
# 1. Patient Care - Patient Care 1: Osteopathic Manipulative Techniques (OMT) (Direct and Indirect)



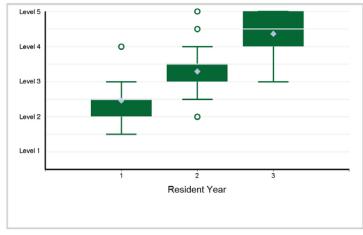
# 2. Patient Care - Patient Care 2: Trigger Point Injection, Joint Aspiration, and Injection



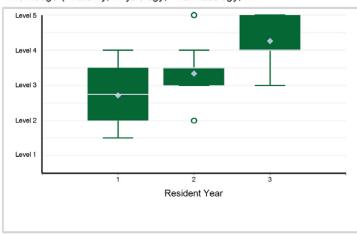
#### 3. Patient Care - Patient Care 3: Patient Management



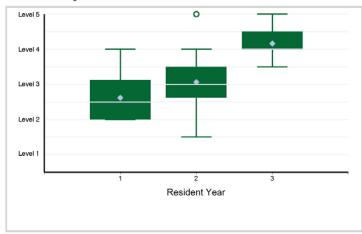
4. Patient Care - Patient Care 4: Providing and Requesting Consultation



# 5. Medical Knowledge - Medical Knowledge 1: Possesses Clinical Knowledge (Anatomy, Physiology, Pharmacology, ...

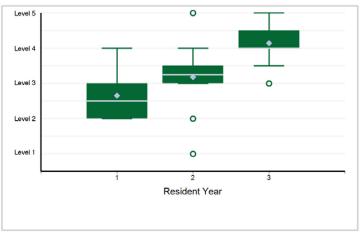


6. Medical Knowledge - Medical Knowledge 2: Manifestation of systemic disease through neuromusculoskelatal ...

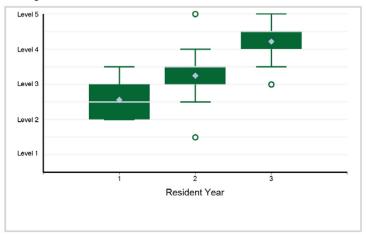


## SPECIALTY: Osteopathic Neuromusculoskeletal Medicine

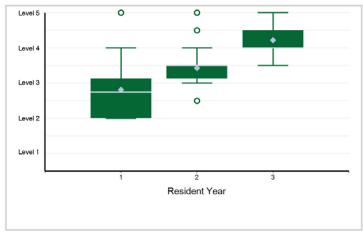
# 7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Advocacy



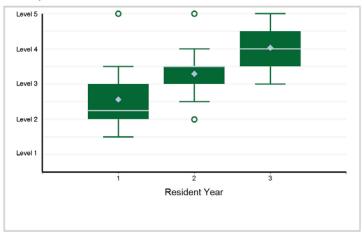
# 8. Systems-Based Practice - Systems-Based Practice 2: Practice Management and Economics



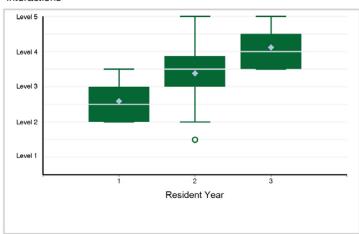
# 9. Practice-Based Learning and Improvement - Practice-based Learning and Improvement 1: Learning and Feedback



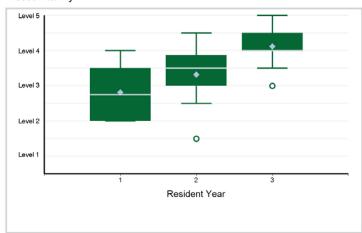
 Practice-Based Learning and Improvement - Practice-based Learning and Improvement 2: Literature Review and Research



# 11. Professionalism - Professionalism 1: Patient and Community Interactions

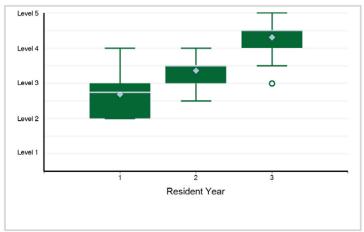


12. Professionalism - Professionalism 2: Professional Conduct and Accountability

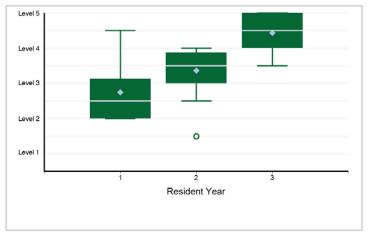


## SPECIALTY: Osteopathic Neuromusculoskeletal Medicine

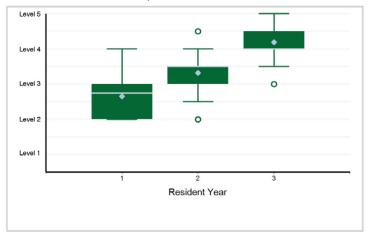
13. Professionalism - Professionalism 3: Maintains emotional, physical, and mental health; and pursues continual ...



14. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Develops Meaningful, ...



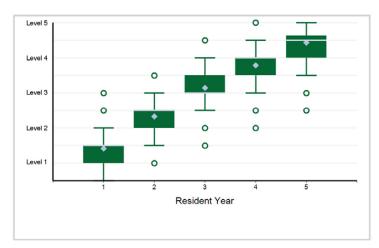
15. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional Communications



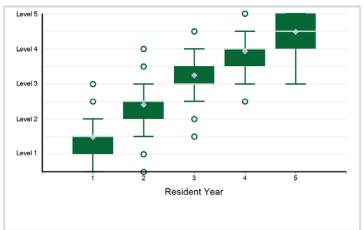
### TABLE 79: SPECIALTY: Otolaryngology - Head and Neck Surgery

Resident Year	1	2	3	4	5	Total Residents
# of Residents	362	367	349	342	344	1,764

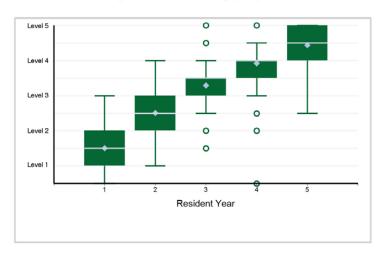
#### 1. Patient Care - Salivary Disease-Patient Care



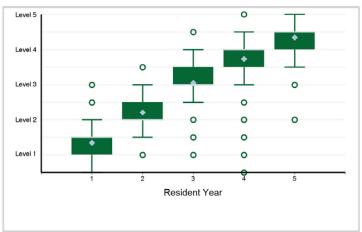
#### 2. Patient Care - Aerodigestive Tract Lesions (ADT)-Patient Care



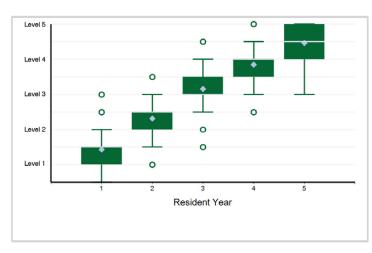
3. Patient Care - Sleep Disordered Breathing (SDB)—Patient Care



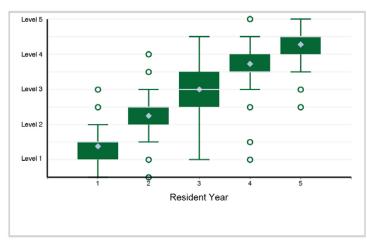
4. Patient Care - Facial Trauma—Patient Care



5. Patient Care - Rhinosinusitis—Patient Care

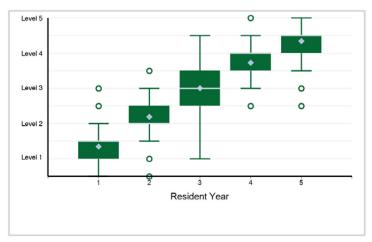


6. Patient Care - Nasal Deformity-Patient Care

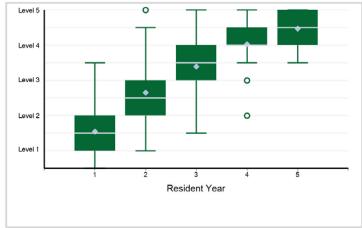


### SPECIALTY: Otolaryngology - Head and Neck Surgery

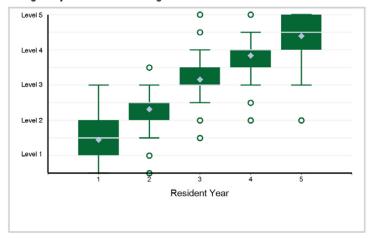
#### 7. Patient Care - Chronic Ear-Patient Care



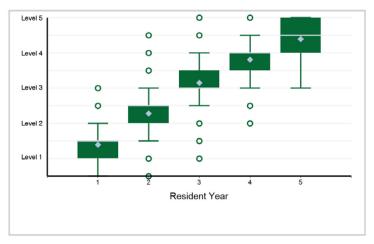
#### 8. Patient Care - Pediatric Otitis Media-Patient Care



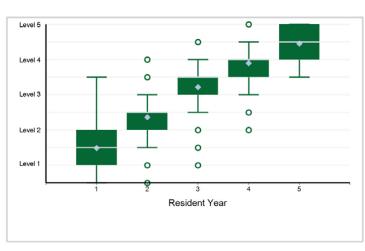
### 9. Medical Knowledge - Upper Aerodigestive Tract (UADT) Malignancy—Medical Knowledge



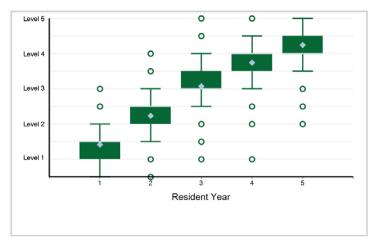
10. Medical Knowledge - Hearing Loss-Medical Knowledge



#### 11. Medical Knowledge - Dysphagia-Dysphonia-Medical Knowledge

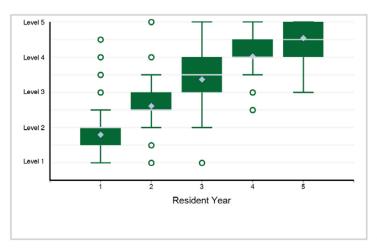


12. Medical Knowledge - Inhalant Allergy-Medical Knowledge

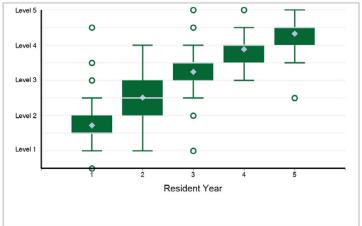


## SPECIALTY: Otolaryngology - Head and Neck Surgery

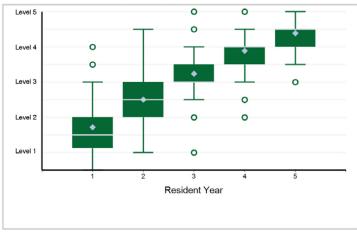
#### 13. Systems-Based Practice - Patient Safety—Systems-Based Practice



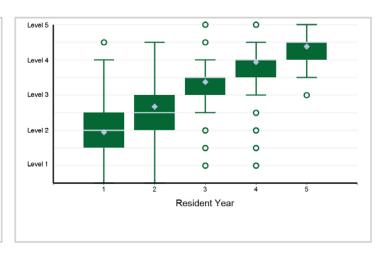
# 14. Systems-Based Practice - Resource Utilization—Systems-Based Practice



# 15. Practice-Based Learning and Improvement - The ability to investigate and evaluate the care of patients, to appraise and $\dots$



16. Professionalism - Professionalism



# 17. Interpersonal and Communication Skills - Interpersonal Communication Skills

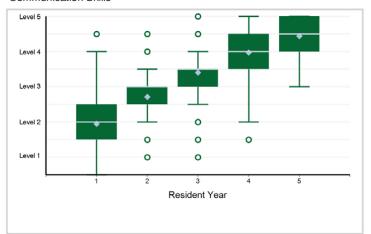
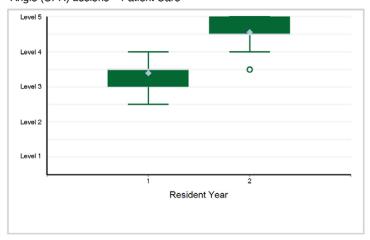


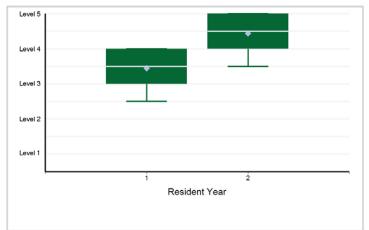
TABLE 80: SUBSPECIALTY: Neurotology

Resident Year	1	2	Total Residents
# of Residents	20	17	37

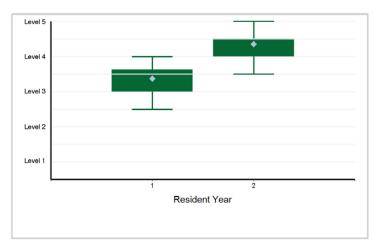
# 1. Patient Care - Internal Auditory Canal (IAC) and Cerebellopontine Angle (CPA) Lesions - Patient Care



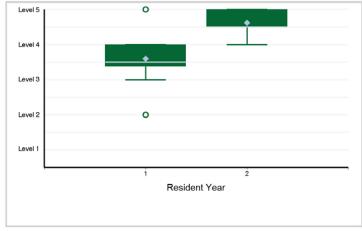
#### 2. Patient Care - Lateral Skull Base Tumors - Patient Care



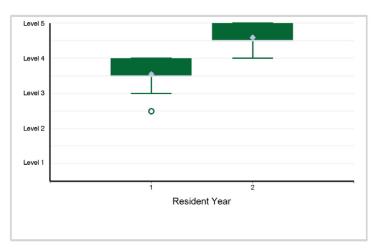
#### 3. Patient Care - Facial Nerve Disorders - Patient Care



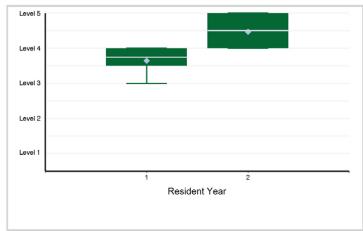
4. Medical Knowledge - Hearing Loss - Medical Knowledge



### 5. Medical Knowledge - Dizziness - Medical Knowledge

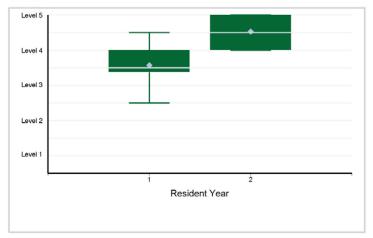


6. Systems-Based Practice - Patient Safety - Systems-Based Practice

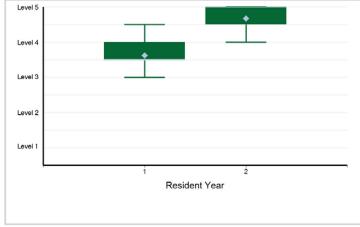


## SUBSPECIALTY: Neurotology

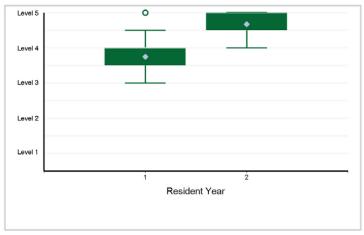
# 7. Systems-Based Practice - Resource Utilization – Systems-Based Practice



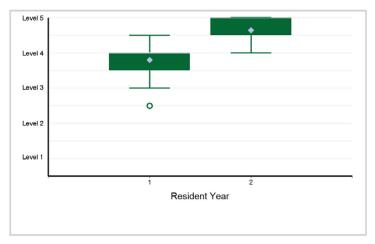
# 8. Practice-Based Learning and Improvement - Evidence-based Medicine - Practice-Based Learning and Improvement



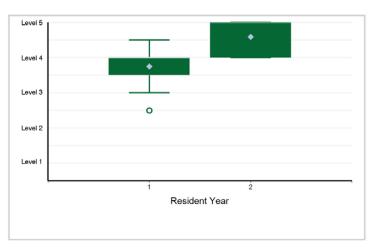
# 9. Practice-Based Learning and Improvement - Self-directed Learning - Practice-Based Learning and Improvement



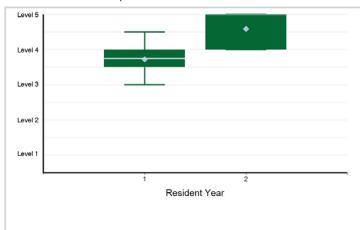
10. Professionalism - Behavior - Professionalism



#### 11. Professionalism - Leadership - Professionalism

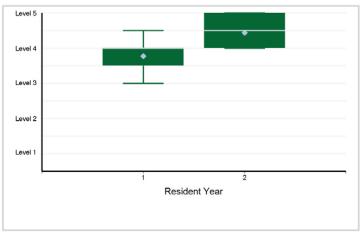


12. Interpersonal and Communication Skills - Health Care Team Communications - Interpersonal and Communication Skills



## SUBSPECIALTY: Neurotology

13. Interpersonal and Communication Skills - Patient- and Family-centered Care – Interpersonal and Communication Skills

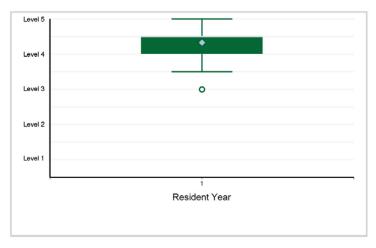


### TABLE 81: SUBSPECIALTY: Pediatric Otolaryngology

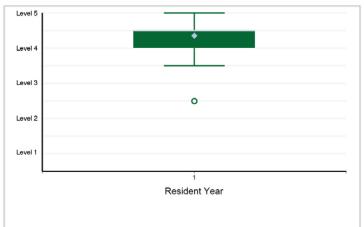
Resident Year	1	Total Residents*
# of Residents	42	42

<sup>\*</sup>Note: There are 1 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### 1. Patient Care - Airway Management - Patient Care



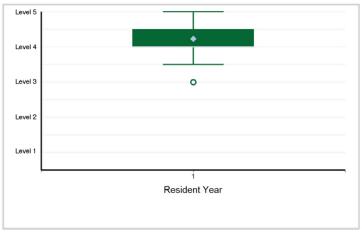
#### 2. Patient Care - Pediatric Neck Mass - Patient Care



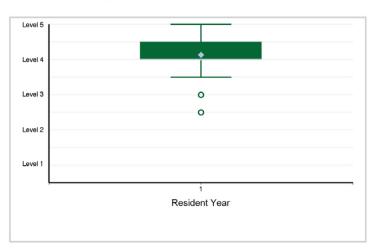
#### 3. Patient Care - Rhinology - Patient Care



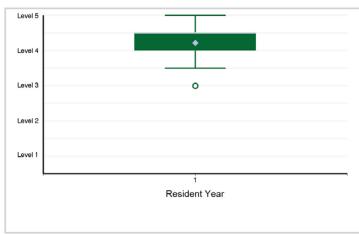
4. Medical Knowledge - Hearing Loss — Medical Knowledge



### 5. Medical Knowledge - Craniofacial Conditions — Medical Knowledge

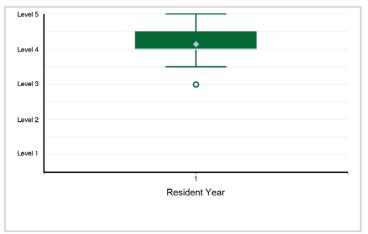


### 6. Systems-Based Practice - Patient Safety — Systems-Based Practice

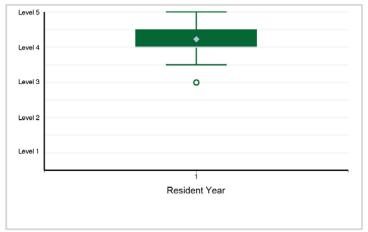


### SUBSPECIALTY: Pediatric Otolaryngology

# 7. Systems-Based Practice - Resource Utilization — Systems-Based Practice



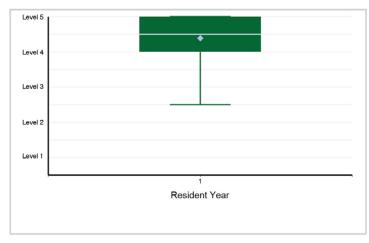
# 8. Practice-Based Learning and Improvement - Evidence-based Medicine — Practice-Based Learning and Improvement



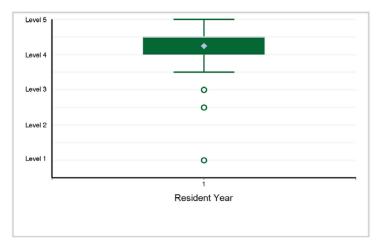
# 9. Practice-Based Learning and Improvement - Self-directed Learning — Practice-Based Learning and Improvement



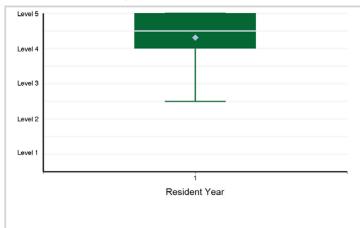
10. Professionalism - Behavior - Professionalism



#### 11. Professionalism - Leadership — Professionalism

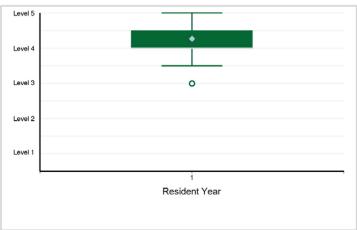


12. Interpersonal and Communication Skills - Health Care Team Communications — Interpersonal and Communication Skills



## SUBSPECIALTY: Pediatric Otolaryngology

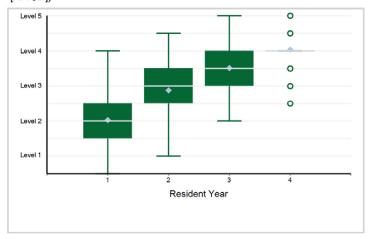
13. Interpersonal and Communication Skills - Patient- and Family-centered Care — Interpersonal and Communication Skills



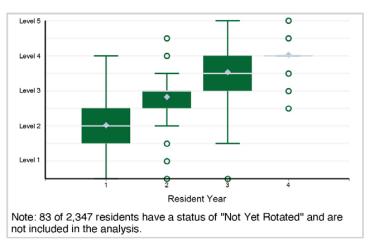
### TABLE 82: SPECIALTY: Pathology - Anatomic and Clinical

Resident Year	1	2	3	4	Total Residents
# of Residents	628	611	594	514	2,347

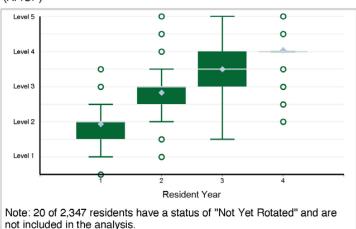
#### 1. Patient Care - 1: Reporting (Anatomic Pathology/Clinical Pathology [AP/CP])



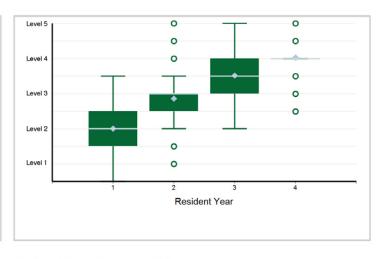
### 2. Patient Care - 2: Grossing (AP)



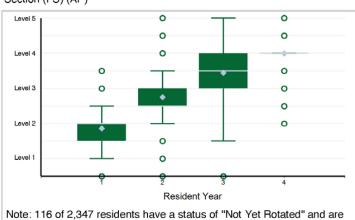
#### 3. Patient Care - 3: Clinical Consultation, including On-Call Interactions (AP/CP)



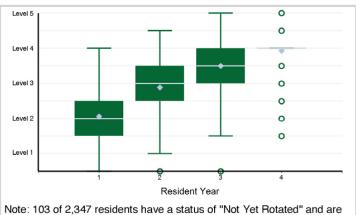
4. Patient Care - 4: Interpretation and Diagnosis (AP/CP)



#### 5. Patient Care - 5: Intra-Operative Consultation (IOC), including Frozen Section (FS) (AP)



6. Patient Care - 6: Autopsy (AP)

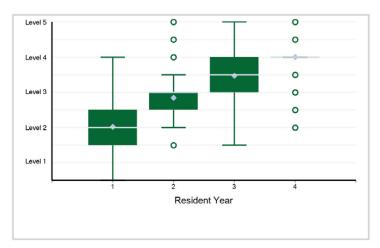


not included in the analysis.

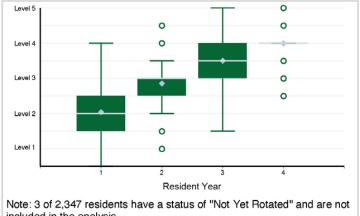
not included in the analysis.

## SPECIALTY: Pathology - Anatomic and Clinical

#### 7. Medical Knowledge - 1: Diagnostic Knowledge (AP/CP)

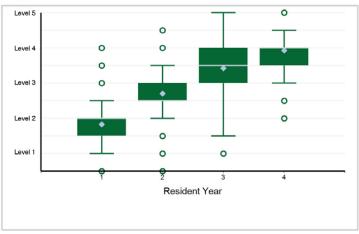


#### 8. Medical Knowledge - 2: Clinical Reasoning (AP/CP)

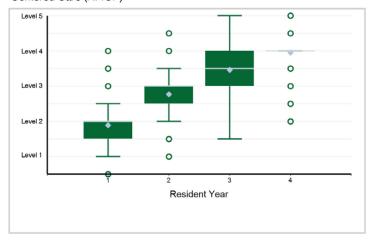


# included in the analysis.

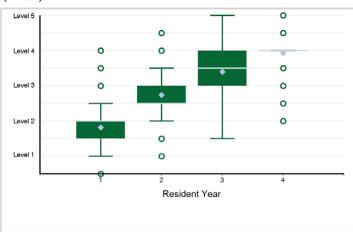
#### 9. Systems-Based Practice - 1: Patient Safety and Quality Improvement (QI) (AP/CP)



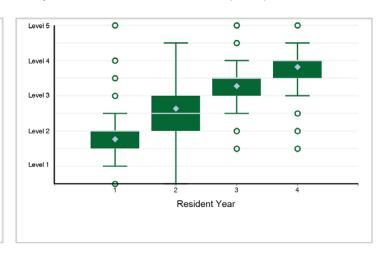
10. Systems-Based Practice - 2: Systems Navigation for Patient-Centered Care (AP/CP)



#### 11. Systems-Based Practice - 3: Physician Role in Health Care System (AP/CP)

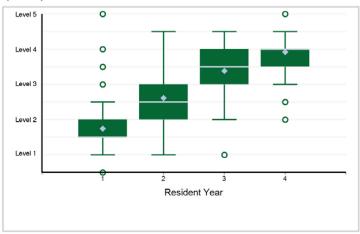


#### 12. Systems-Based Practice - 4: Informatics (AP/CP)

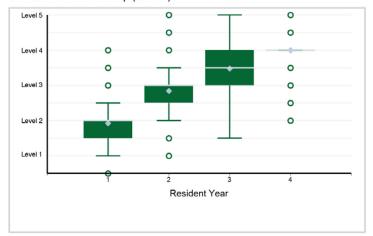


### SPECIALTY: Pathology - Anatomic and Clinical

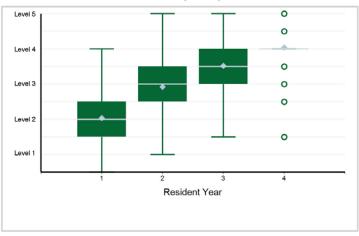
# 13. Systems-Based Practice - 5: Accreditation, Compliance, and Quality (AP/CP)



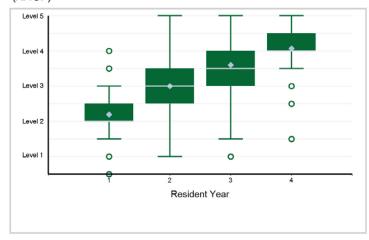
# 14. Practice-Based Learning and Improvement - 1: Evidence-Based Practice and Scholarship (AP/CP)



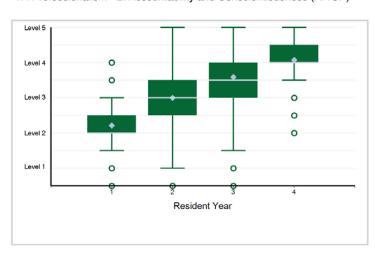
# 15. Practice-Based Learning and Improvement - 2: Reflective Practice and Commitment to Personal Growth (AP/CP)



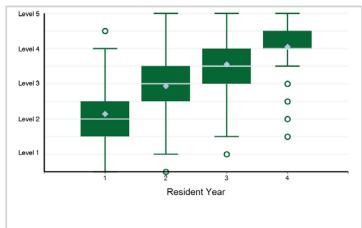
16. Professionalism - 1: Professional Behavior and Ethical Principles (AP/CP)



### 17. Professionalism - 2: Accountability and Conscientiousness (AP/CP)

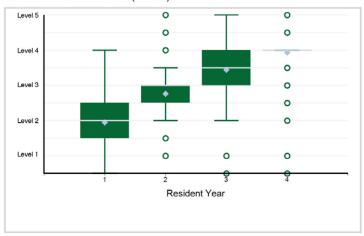


18. Professionalism - 3: Self-Awareness and Help-Seeking (AP/CP)

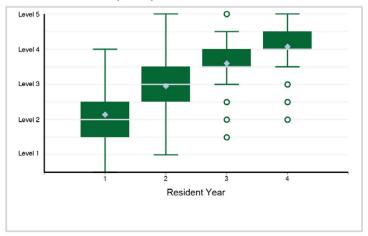


## SPECIALTY: Pathology - Anatomic and Clinical

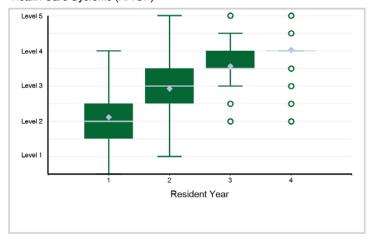
# 19. Interpersonal and Communication Skills - 1: Patient and Family-Centered Communication (AP/CP)



# 20. Interpersonal and Communication Skills - 2: Interprofessional and Team Communication (AP/CP)



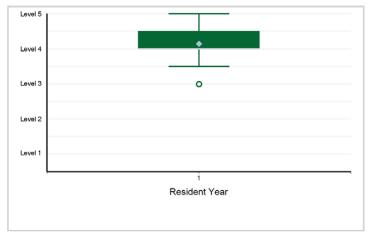
# 21. Interpersonal and Communication Skills - 3: Communication within Health Care Systems (AP/CP)



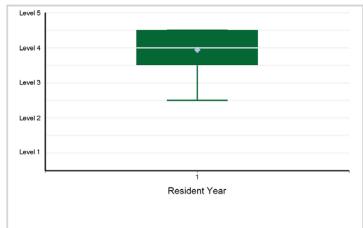
### TABLE 83: SUBSPECIALTY: Blood Banking/Transfusion Medicine

Resident Year	1	Total Residents
# of Residents	45	45

#### 1. Patient Care - Patient Care 1: Consultation



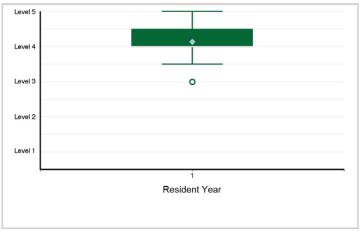
#### 2. Patient Care - Patient Care 2: Therapeutic and Donor Procedures



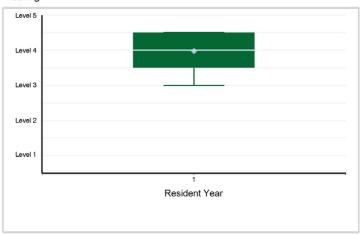
#### 3. Patient Care - Patient Care 3: Interpretation and Diagnosis



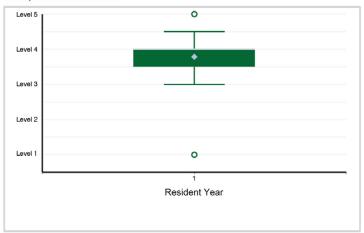
4. Patient Care - Patient Care 4: Reporting



# 5. Medical Knowledge - Medical Knowledge 1: Immunohematology Testing

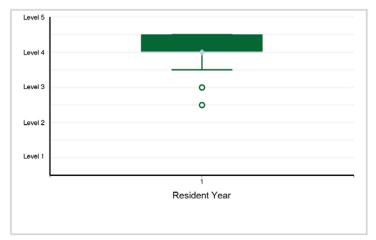


6. Medical Knowledge - Medical Knowledge 2: Donor Management and Component Manufacture

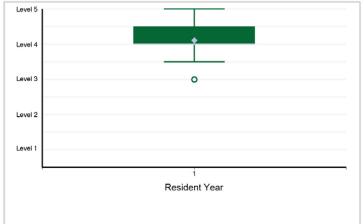


## SUBSPECIALTY: Blood Banking/Transfusion Medicine

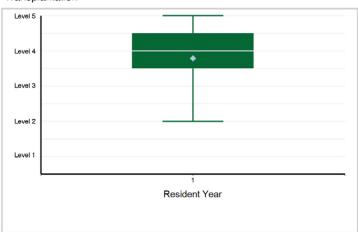
7. Medical Knowledge - Medical Knowledge 3: Apheresis



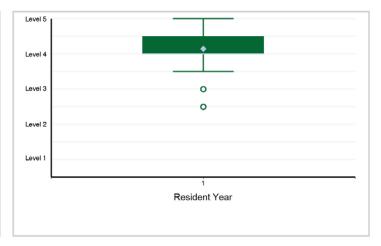
8. Medical Knowledge - Medical Knowledge 4: Transfusion Practice



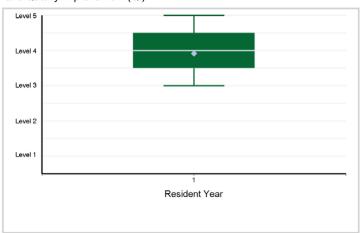
9. Medical Knowledge - Medical Knowledge 5: Cellular Therapy and Transplantation



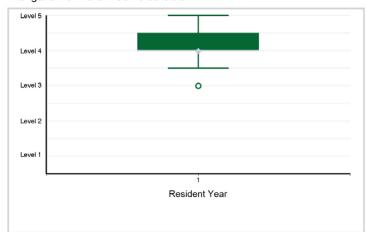
10. Medical Knowledge - Medical Knowledge 6: Clinical Reasoning



11. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement (QI)

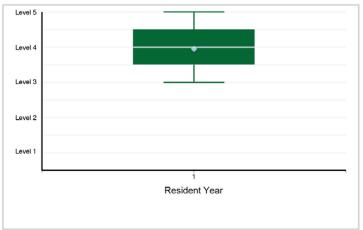


12. Systems-Based Practice - Systems-Based Practice 2: Systems Navigation for Patient-Centered Care



### SUBSPECIALTY: Blood Banking/Transfusion Medicine

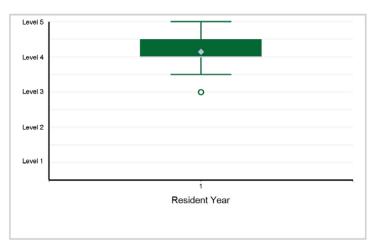
13. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care System



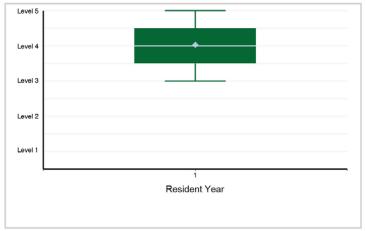
 Systems-Based Practice - Systems-Based Practice 4: Accreditation, Compliance, and Quality



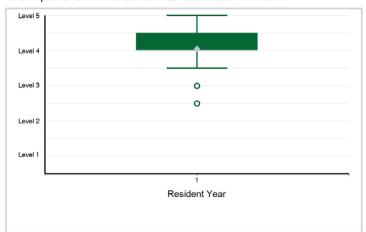
15. Systems-Based Practice - Systems-Based Practice 5: Utilization



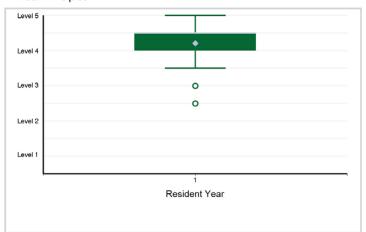
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based Practice and Scholarship



17. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

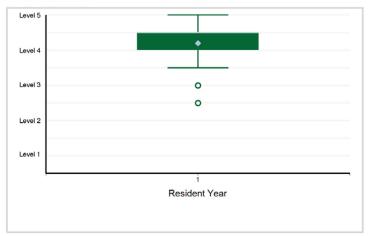


18. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

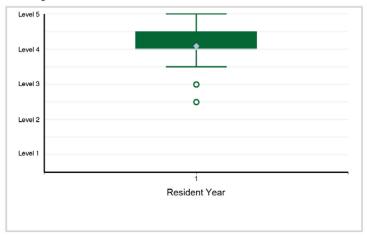


### SUBSPECIALTY: Blood Banking/Transfusion Medicine

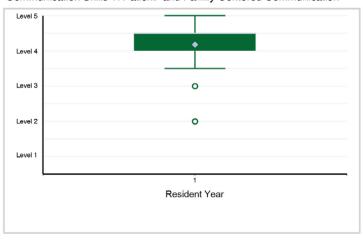
# 19. Professionalism - Professionalism 2: Accountability and Conscientiousness



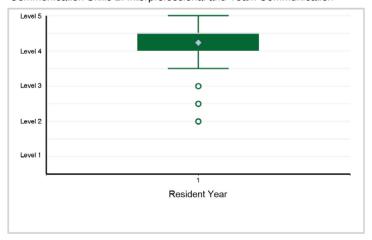
# 20. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



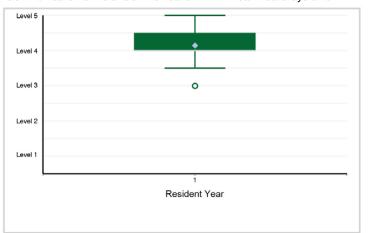
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



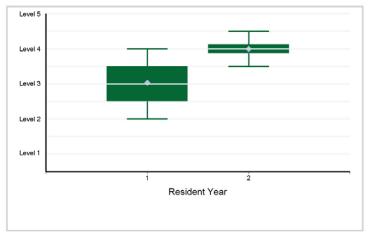
23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



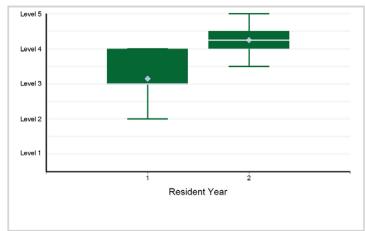
### TABLE 84: SUBSPECIALTY: Clinical Informatics (multidisciplinary, Pathology)

Resident Year	1	2	Total Residents
# of Residents	13	8	21

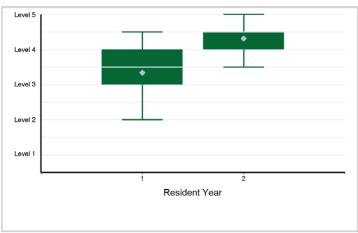
#### 1. Patient Care - Patient Care 1: Technology Assessment



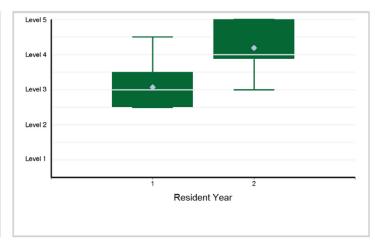
#### 2. Patient Care - Patient Care 2: Clinical Decision Support Systems



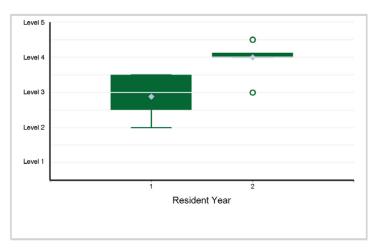
# 3. Patient Care - Patient Care 3: Impact of Clinical Informatics on Patient Care



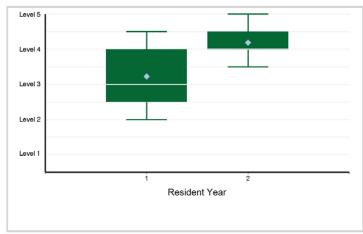
4. Patient Care - Patient Care 4: Project Management



### 5. Patient Care - Patient Care 5: Information System Lifecycle

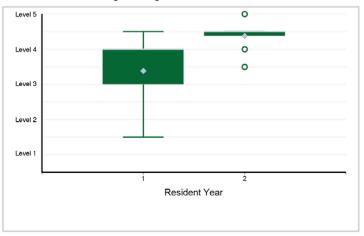


6. Patient Care - Patient Care 6: Assessing User Needs

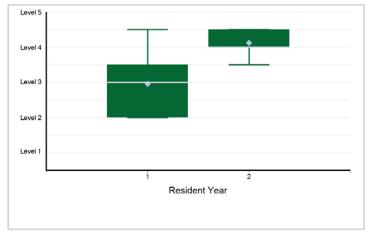


### SUBSPECIALTY: Clinical Informatics (multidisciplinary, Pathology)

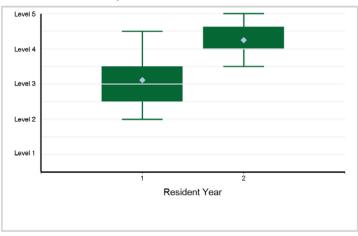
# 7. Medical Knowledge - Medical Knowledge 1: Clinical Informatics Fundamentals and Programming



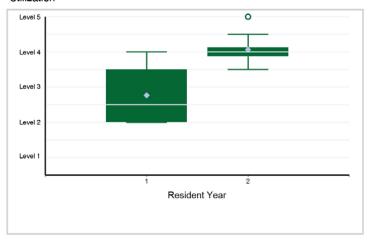
#### Medical Knowledge - Medical Knowledge 2: Leadership and Change Management



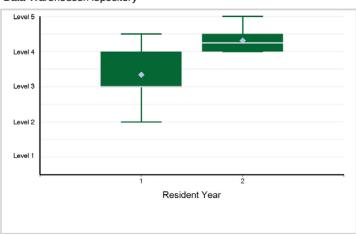
# 9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Unintended Consequences



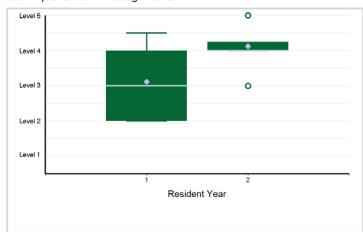
10. Systems-Based Practice - Systems-Based Practice 2: Resource Utilization



# 11. Systems-Based Practice - Systems-Based Practice 3: Workflow and Data Warehouse/Repository

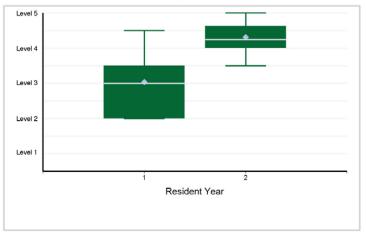


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Recognition of ...

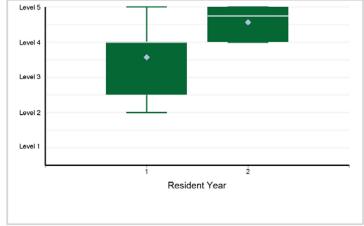


## SUBSPECIALTY: Clinical Informatics (multidisciplinary, Pathology)

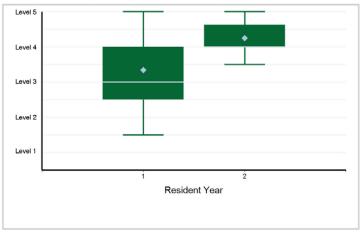
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Scholarly Activity ...



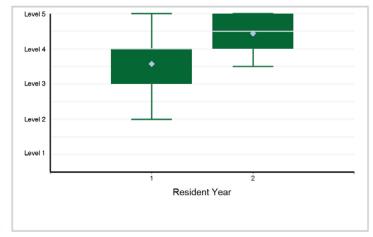
 Professionalism - Professionalism 1: Professionalism — Demonstrates honesty, integrity, and ethical behavior



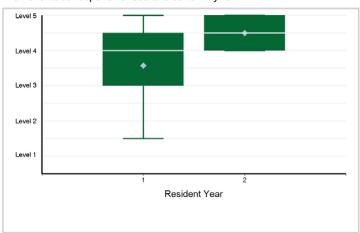
 Professionalism - Professionalism 2: Professionalism — Demonstrates responsibility and follow-through on tasks



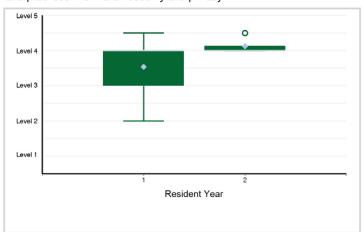
16. Professionalism - Professionalism 3: Professionalism — Gives and receives feedback



17. Professionalism - Professionalism 4: Professionalism — Demonstrates responsiveness and sensitivity to ...

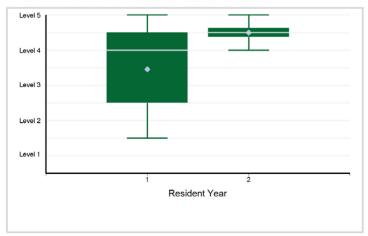


18. Professionalism - Professionalism 5: Professionalism — Understands and practices information security and privacy

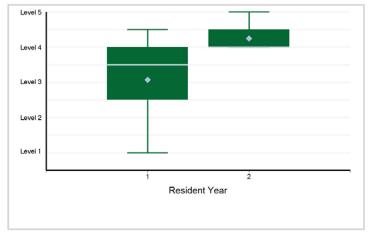


### SUBSPECIALTY: Clinical Informatics (multidisciplinary, Pathology)

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Effective Communications ...



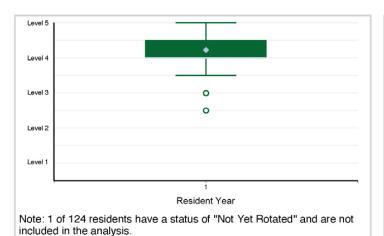
20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Communication with Patients and Families



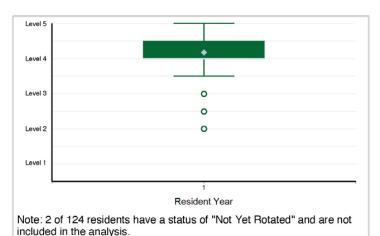
### TABLE 85: SUBSPECIALTY: Cytopathology

Resident Year	1	Total Residents
# of Residents	124	124

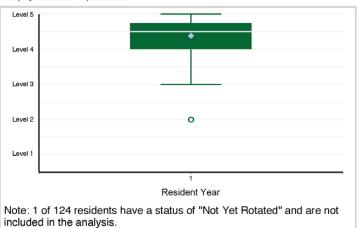
#### 1. Patient Care - Patient Care 1: Reporting



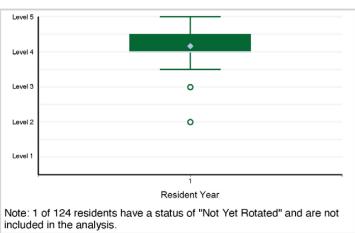
#### 3. Patient Care - Patient Care 3: Performance of Fine Needle Aspirations



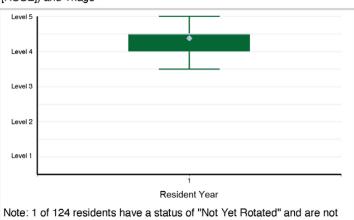
#### 5. Patient Care - Patient Care 5: Fine Needle Aspiration Slide and Core Biopsy Touch Preparations



#### 2. Patient Care - Patient Care 2: Consultation

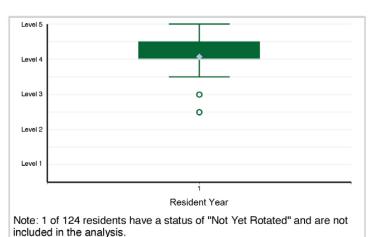


#### 4. Patient Care - Patient Care 4: Adequacy (Rapid On-Site Evaluation [ROSE]) and Triage



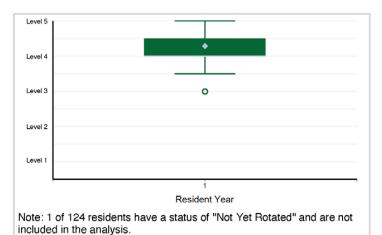
included in the analysis.

### 6. Patient Care - Patient Care 6: Cytopreparatory Techniques



### SUBSPECIALTY: Cytopathology

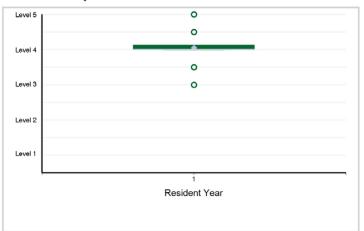
#### 7. Medical Knowledge - Medical Knowledge 1: Diagnosis



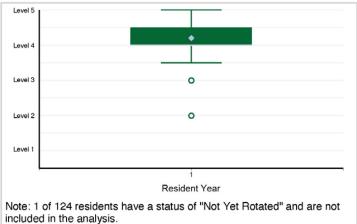
#### 9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement (QI)



#### 11. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care System

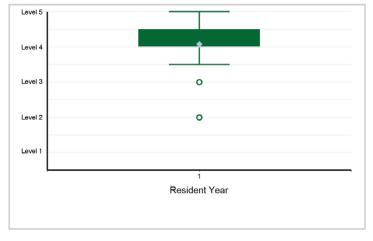


#### 8. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

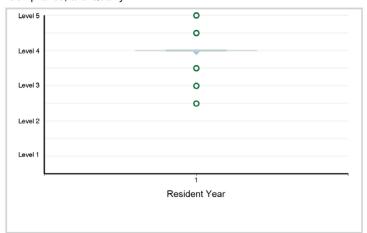


included in the analysis.

#### 10. Systems-Based Practice - Systems-Based Practice 2: Systems Navigation for Patient-Centered Care



#### 12. Systems-Based Practice - Systems-Based Practice 4: Accreditation, Compliance, and Quality

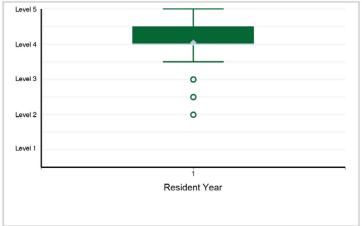


### SUBSPECIALTY: Cytopathology

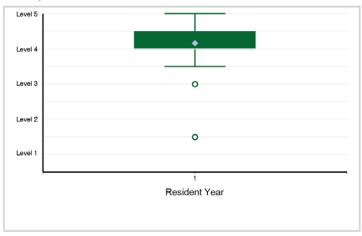
#### 13. - Systems-Based Practice 5: Utilization



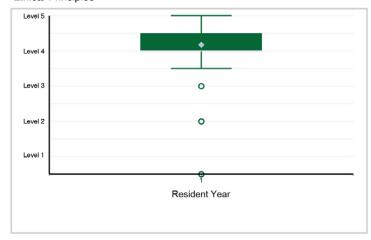
# 14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based Practice and Scholarship



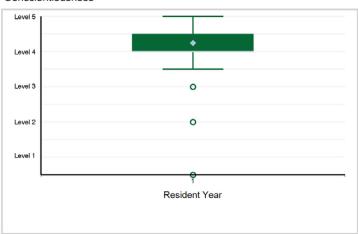
# 15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



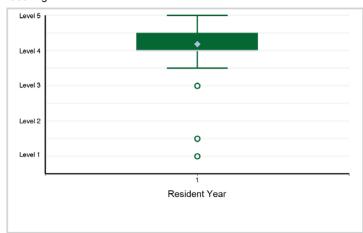
16. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



# 17. Professionalism - Professionalism 2: Accountability and Conscientiousness

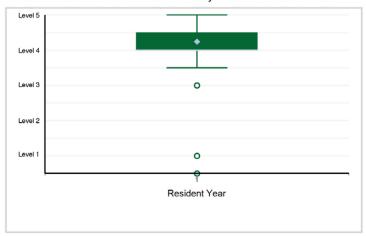


18. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking

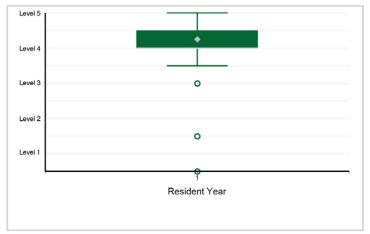


### SUBSPECIALTY: Cytopathology

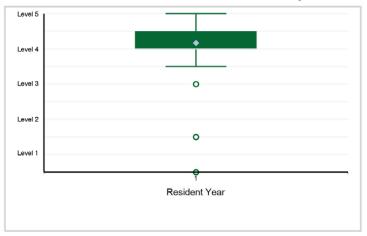
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient and Family-Centered Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



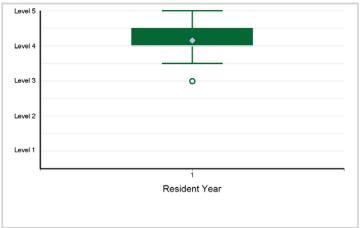
### TABLE 86: SUBSPECIALTY: Forensic Pathology

Resident Year	1	Total Residents
# of Residents	59	59

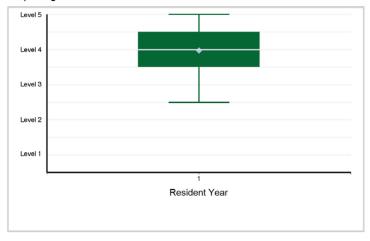
#### 1. Patient Care - Patient Care 1: Death Investigation



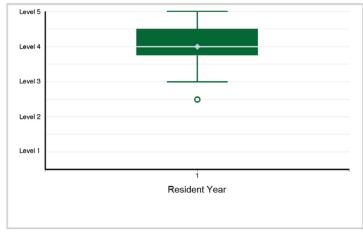
# 2. Patient Care - Patient Care 2: Autopsy (External and Internal Examination)



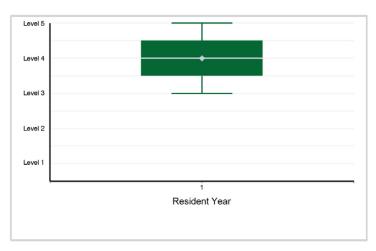
#### Medical Knowledge - Medical Knowledge 1: Death Certification and Reporting



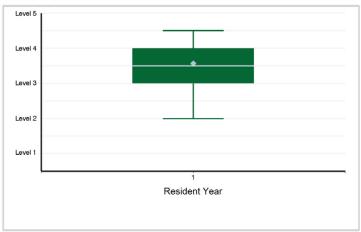
4. Medical Knowledge - Medical Knowledge 2: Recognition and Interpretation of Autopsy Findings and Ancillary Studies



#### 5. Medical Knowledge - Medical Knowledge 3: Clinical Reasoning

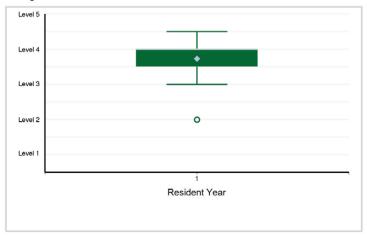


#### Systems-Based Practice - Systems-Based Practice 1: Safety and Quality Improvement (QI)

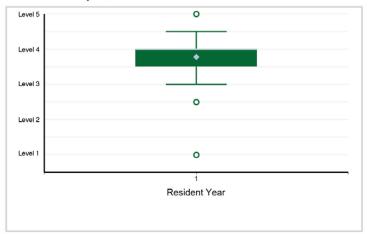


### SUBSPECIALTY: Forensic Pathology

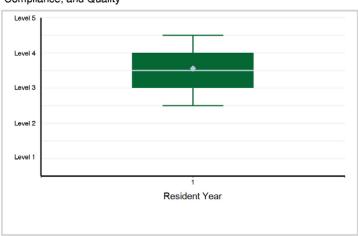
7. Systems-Based Practice - Systems-Based Practice 2: Systems Navigation for Patient-Centered Care



8. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care System



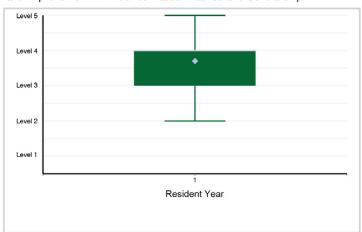
9. Systems-Based Practice - Systems-Based Practice 4: Accreditation, Compliance, and Quality



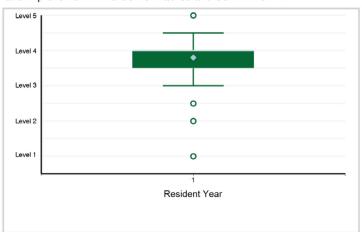
10. Systems-Based Practice - Systems-Based Practice 5: Utilization



11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based Practice and Scholarship

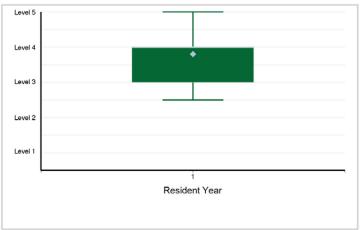


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

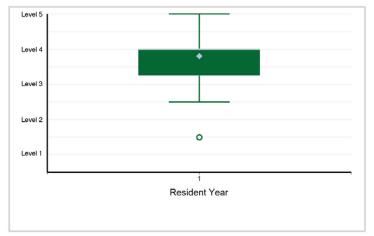


### SUBSPECIALTY: Forensic Pathology

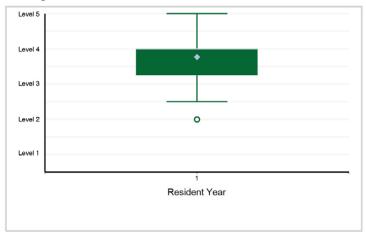
# 13. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



## 14. Professionalism - Professionalism 2: Accountability and Conscientiousness



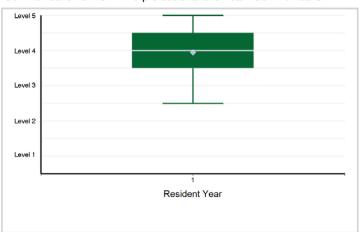
# 15. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



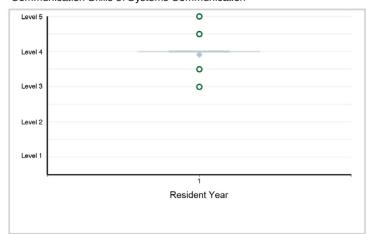
16. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Family-Centered Communication



# 17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication

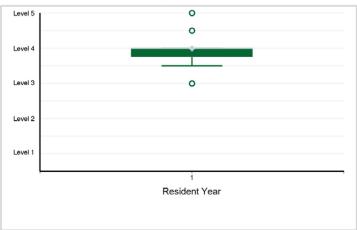


# 18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Systems Communication



### SUBSPECIALTY: Forensic Pathology

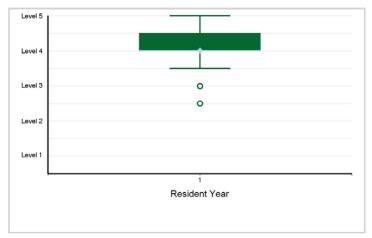
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Medicolegal Communication



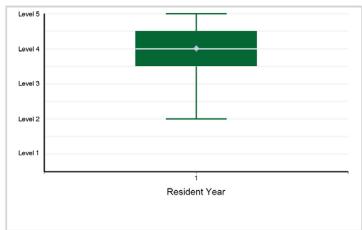
### TABLE 87: SUBSPECIALTY: Hematopathology

Resident Year	1	Total Residents
# of Residents	128	128

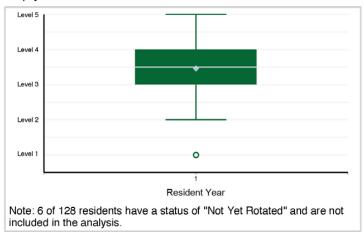
#### 1. Patient Care - Patient Care 1: Interdisciplinary Consultation



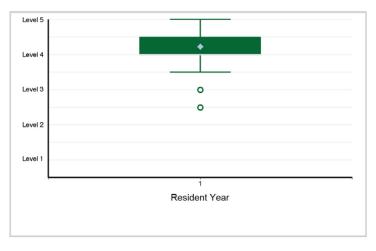
#### 2. Patient Care - Patient Care 2: Reporting



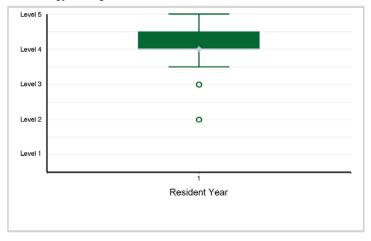
# 3. Patient Care - Patient Care 3: Procedure: Bone Marrow Aspiration and Biopsy



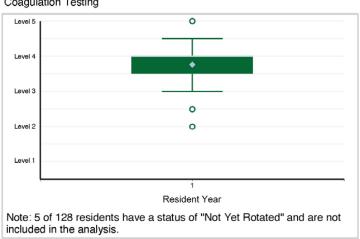
4. Patient Care - Patient Care 4: Specimen Handling and Triaging



# 5. Medical Knowledge - Medical Knowledge 1: Interpretation of Hematology Testing

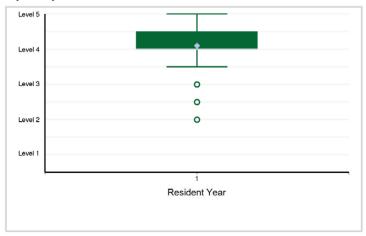


6. Medical Knowledge - Medical Knowledge 2: Interpretation of Coagulation Testing

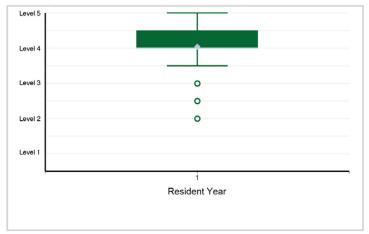


### SUBSPECIALTY: Hematopathology

# 7. Medical Knowledge - Medical Knowledge 3: Interpretation of Flow Cytometry



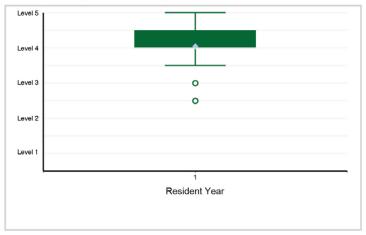
#### Medical Knowledge - Medical Knowledge 4: Morphologic Interpretation and Diagnosis



# 9. Medical Knowledge - Medical Knowledge 5: Selection of Molecular and Cytogenetics Testing and Interpretation of Reports



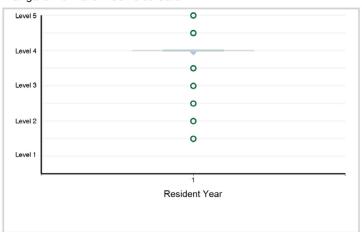
10. Medical Knowledge - Medical Knowledge 6: Clinical Reasoning in Hematopathology and Hematology



11. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement (QI)

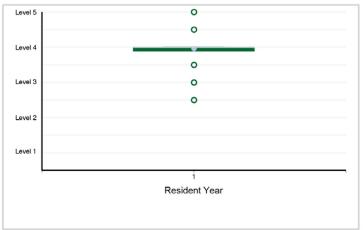


12. Systems-Based Practice - Systems-Based Practice 2: Systems Navigation for Patient-Centered Care

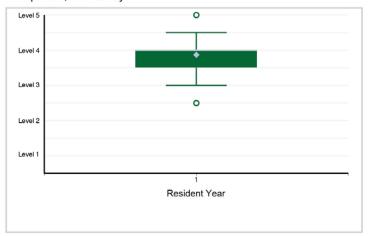


### SUBSPECIALTY: Hematopathology

13. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care System



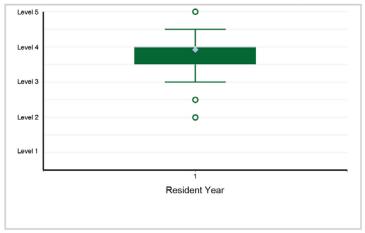
14. Systems-Based Practice - Systems-Based Practice 4: Accreditation, Compliance, and Quality



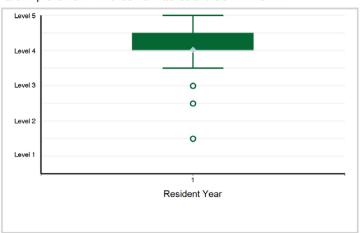
15. Systems-Based Practice - Systems-Based Practice 5: Utilization



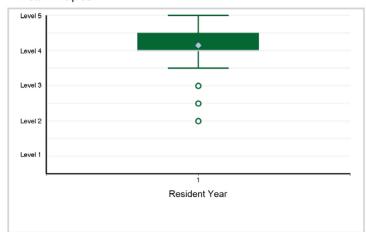
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based Practice and Scholarship



17. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

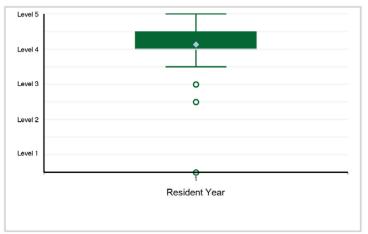


18. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

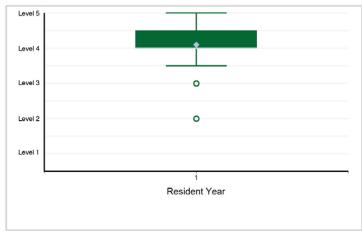


### SUBSPECIALTY: Hematopathology

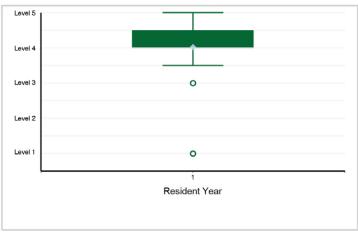
# 19. Professionalism - Professionalism 2: Accountability and Conscientiousness



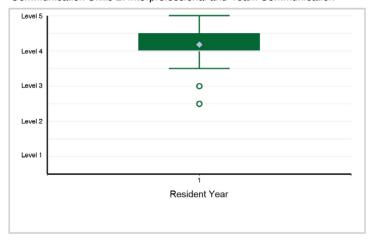
# 20. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



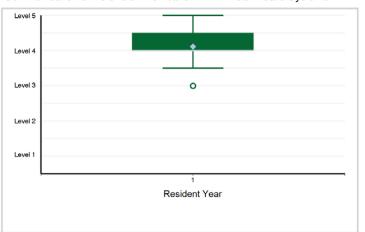
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



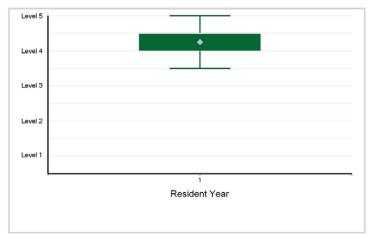
23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



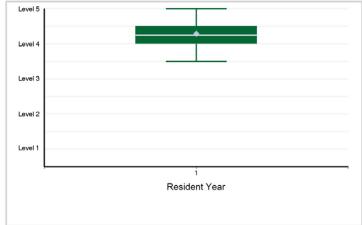
### TABLE 88: SUBSPECIALTY: Medical Microbiology

Resident Year	1	Total Residents
# of Residents	12	12

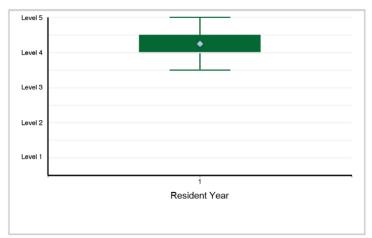
#### 1. Patient Care - Patient Care 1: Clinical Consultation



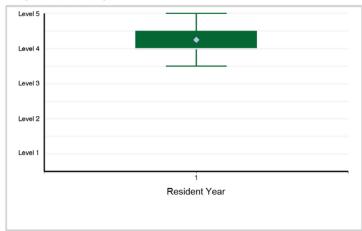
# 2. Patient Care - Patient Care 2: Test Performance and Organism Identification



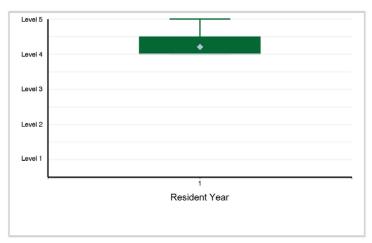
#### 3. Patient Care - Patient Care 3: Test Interpretation and Reporting



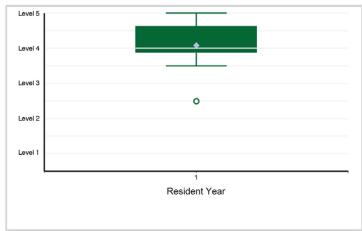
4. Medical Knowledge - Medical Knowledge 1: Fundamental and Diagnostic Knowledge



#### 5. Medical Knowledge - Medical Knowledge 2: Test Methodology

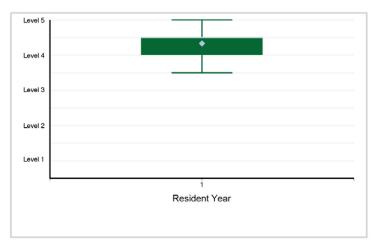


#### Medical Knowledge - Medical Knowledge 3: Test Development and Validation/Verification

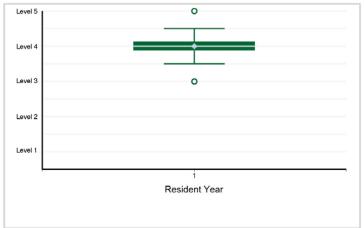


### SUBSPECIALTY: Medical Microbiology

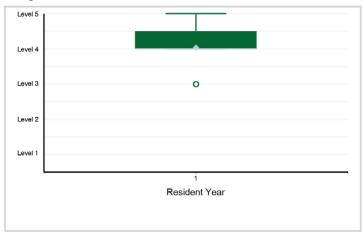
7. Medical Knowledge - Medical Knowledge 4: Clinical Reasoning



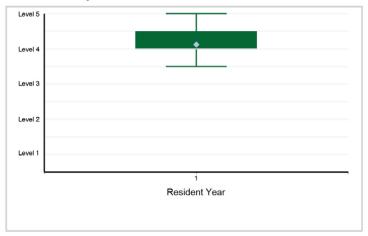
8. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement (QI)



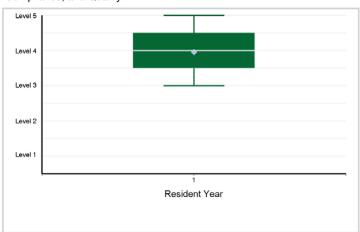
9. Systems-Based Practice - Systems-Based Practice 2: Systems Navigation for Patient-Centered Care



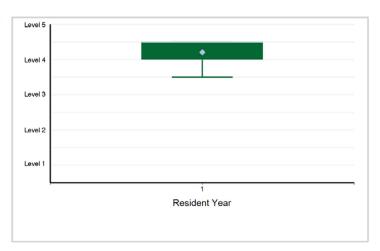
10. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care System



11. Systems-Based Practice - Systems-Based Practice 4: Accreditation, Compliance, and Quality

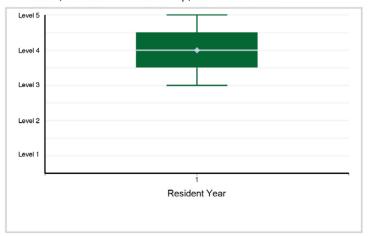


12. Systems-Based Practice - Systems-Based Practice 5: Utilization

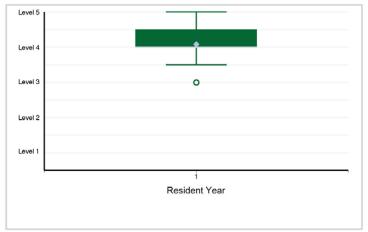


### SUBSPECIALTY: Medical Microbiology

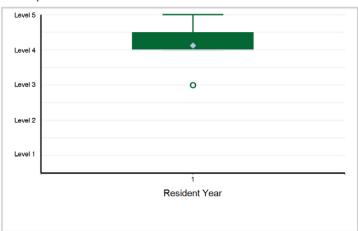
13. Systems-Based Practice - Systems-Based Practice 6: Infection Prevention, Antimicrobial Stewardship, and Public Health



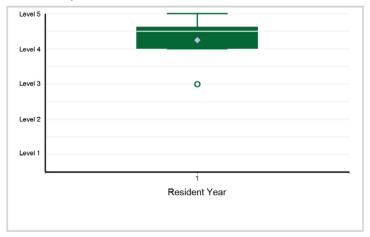
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based Practice and Scholarship



15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



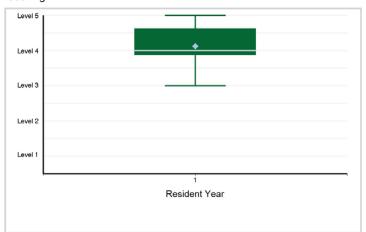
16. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



17. Professionalism - Professionalism 2: Accountability and Conscientiousness



18. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking

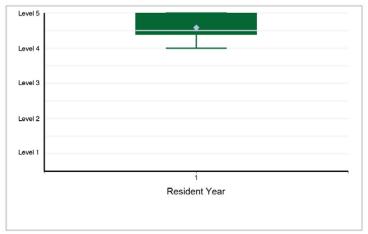


### SUBSPECIALTY: Medical Microbiology

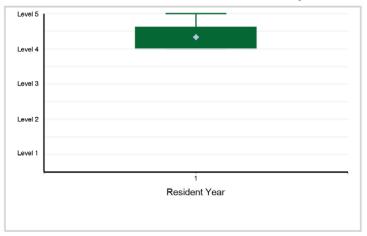
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



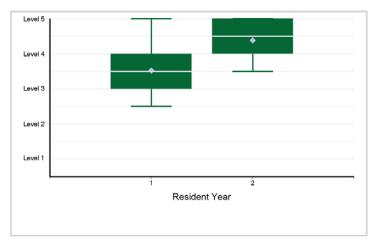
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



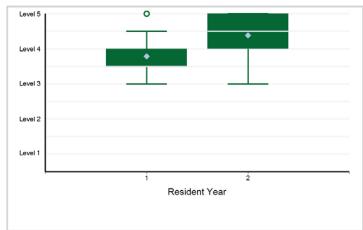
### TABLE 89: SUBSPECIALTY: Neuropathology

Resident Year	1	2	Total Residents
# of Residents	31	22	53

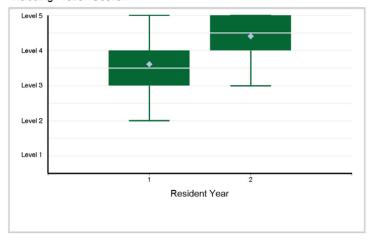
#### 1. Patient Care - Patient Care 1: Autopsy



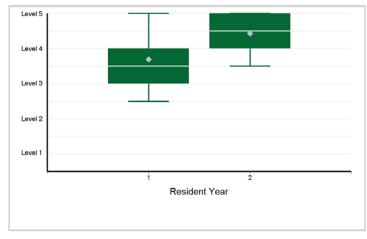
#### 2. Patient Care - Patient Care 2: Surgical Neuropathology



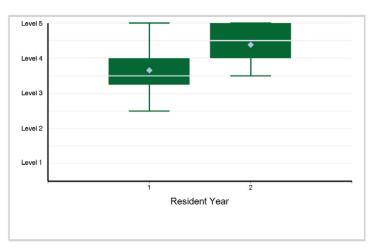
# 3. Patient Care - Patient Care 3: Intra-Operative Consultation (IOC), including Frozen Section



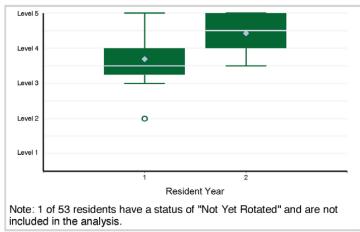
4. Patient Care - Patient Care 4: Reporting



#### 5. Medical Knowledge - Medical Knowledge 1: Diagnostic Knowledge

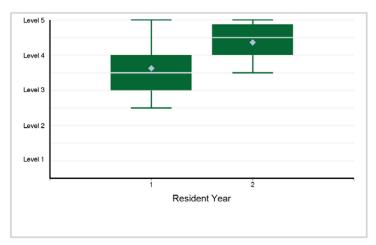


6. Medical Knowledge - Medical Knowledge 2: Neuropathology Instruction

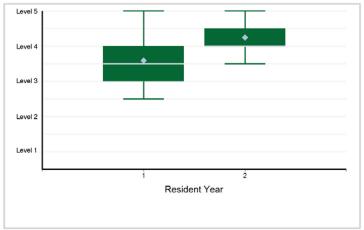


### SUBSPECIALTY: Neuropathology

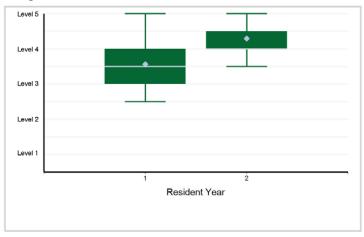
7. Medical Knowledge - Medical Knowledge 3: Clinical Reasoning



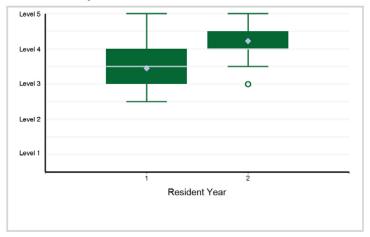
8. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement (QI)



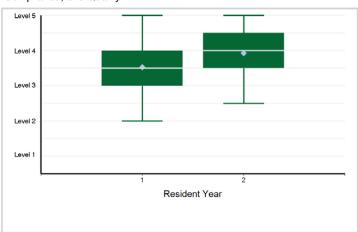
9. Systems-Based Practice - Systems-Based Practice 2: Systems Navigation for Patient-Centered Care



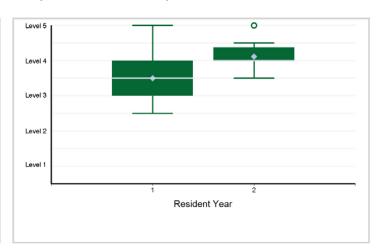
10. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care System



11. Systems-Based Practice - Systems-Based Practice 4: Accreditation, Compliance, and Quality

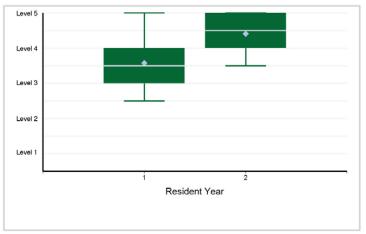


12. Systems-Based Practice - Systems-Based Practice 5: Utilization

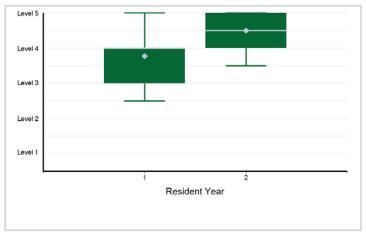


### SUBSPECIALTY: Neuropathology

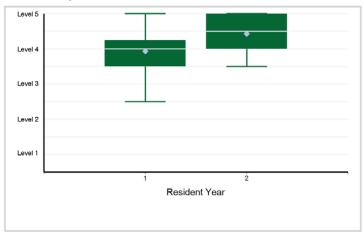
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based Practice and Scholarship



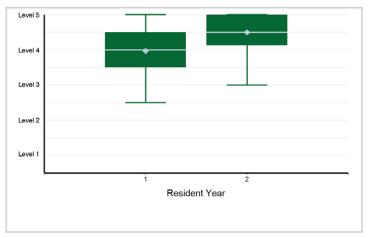
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



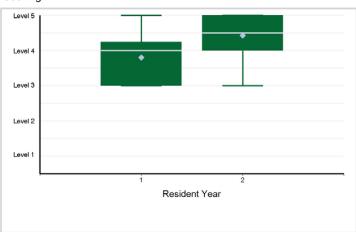
15. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



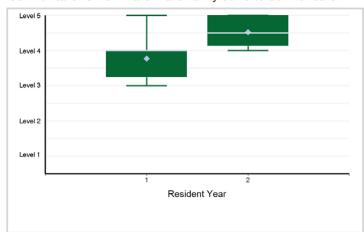
16. Professionalism - Professionalism 2: Accountability and Conscientiousness



17. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking

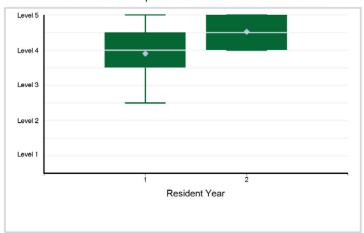


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

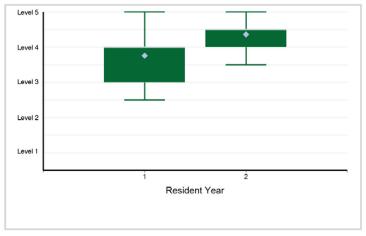


### **SUBSPECIALTY: Neuropathology**

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



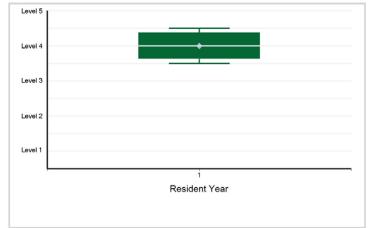
### TABLE 90: SUBSPECIALTY: Pediatric Pathology

Resident Year	1	Total Residents
# of Residents	22	22

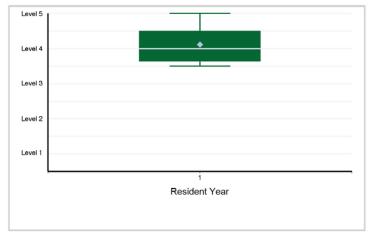
1. Patient Care - Patient Care 1: Pediatric and Perinatal Pathology Grossing (Examine, Describe, Triage, Sample, and Document)



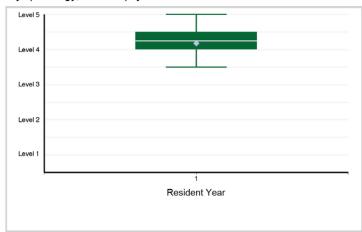
2. Patient Care - Patient Care 2: Intra-Operative Consultation (Frozen Sections, Rapid Onsite Evaluation of Fine Needle Aspiration)



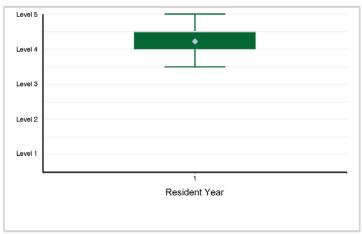
3. Patient Care - Patient Care 3: Autopsy



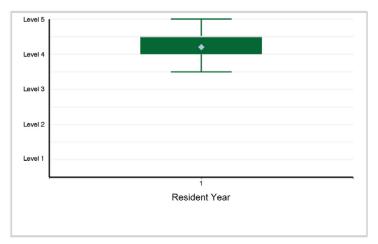
4. Patient Care - Patient Care 4: Reporting, including Surgical Pathology, Cytopathology, and Autopsy



5. Medical Knowledge - Medical Knowledge 1: Knowledge of Pediatric and Perinatal Diseases

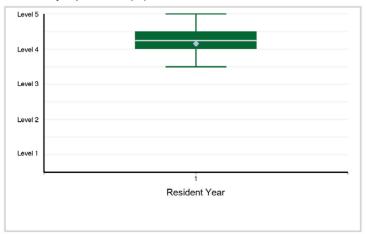


6. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

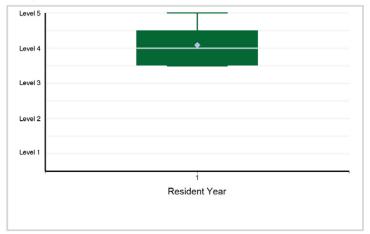


### SUBSPECIALTY: Pediatric Pathology

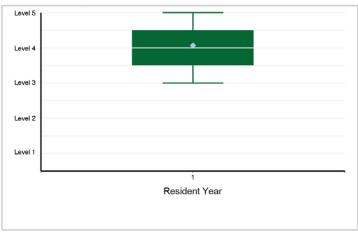
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement (QI)



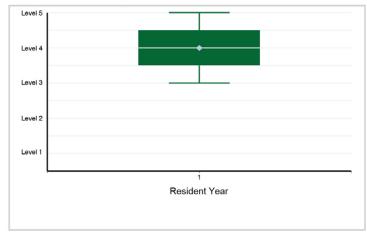
8. Systems-Based Practice - Systems-Based Practice 2: Systems Navigation for Patient-Centered Care



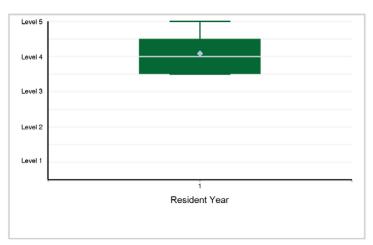
9. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care System



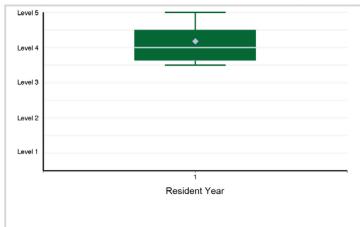
 Systems-Based Practice - Systems-Based Practice 4: Accreditation, Compliance, and Quality



11. Systems-Based Practice - Systems-Based Practice 5: Utilization

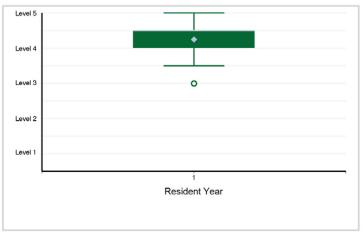


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based Practice and Scholarship

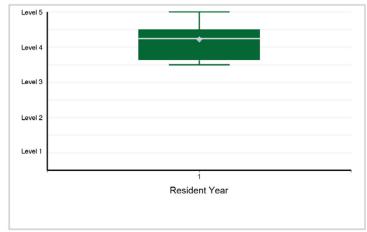


### SUBSPECIALTY: Pediatric Pathology

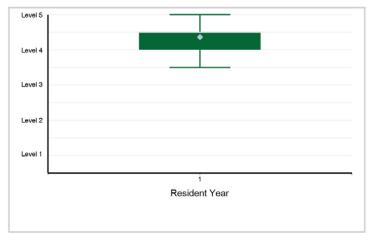
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



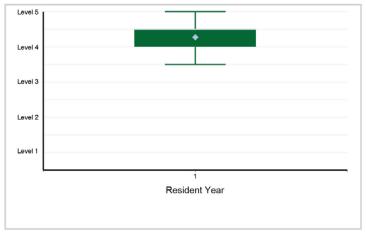
14. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



15. Professionalism - Professionalism 2: Accountability and Conscientiousness



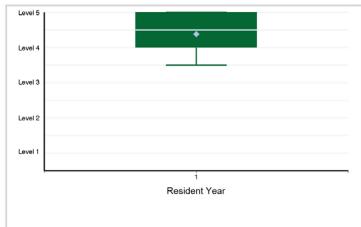
16. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

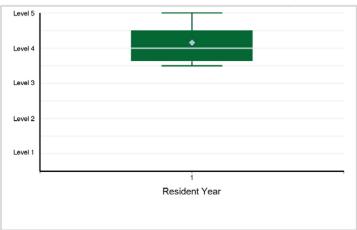


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



### SUBSPECIALTY: Pediatric Pathology

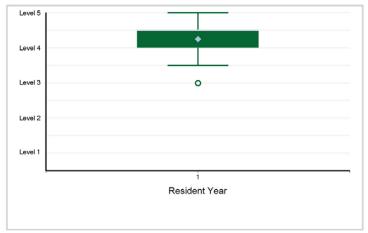
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



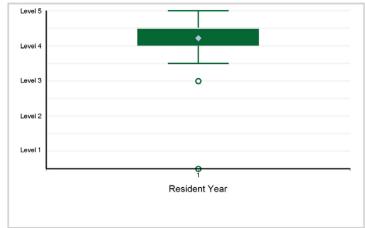
### TABLE 91: SUBSPECIALTY: Selective Pathology - Focused Anatomic

Resident Year	1	Total Residents
# of Residents	104	104

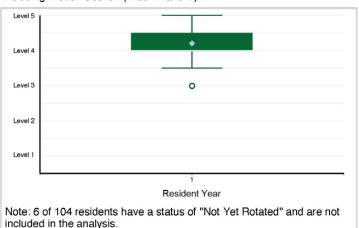
1. Patient Care - Patient Care 1: Reporting (Track A, B, and C)



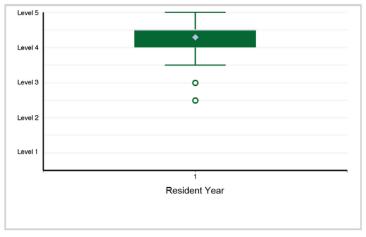
2. Patient Care - Patient Care 2: Gross Examination (Track A and B)



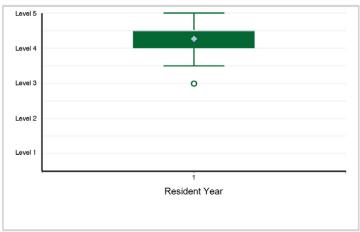
3. Patient Care - Patient Care 3: Intra-Operative Consultation (IOC), including Frozen Section (Track A and B)



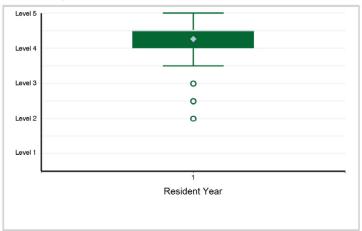
4. Patient Care - Patient Care 4: Microscopic Examination and Ancillary Testing for Diagnosis (Track A and B)



5. Medical Knowledge - Medical Knowledge 1: Clinical Reasoning (Track A, B, and C)

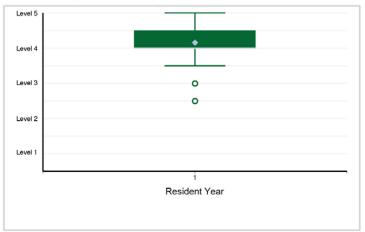


6. Medical Knowledge - Medical Knowledge 2: Knowledge of Established and Evolving Biomedical, Clinical, ...

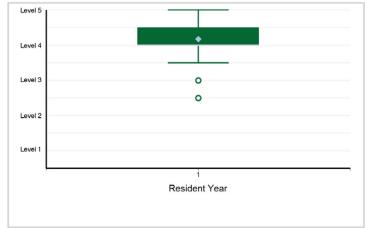


### SUBSPECIALTY: Selective Pathology - Focused Anatomic

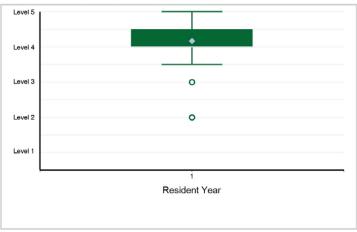
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement (QI) (Track A, B, and C)



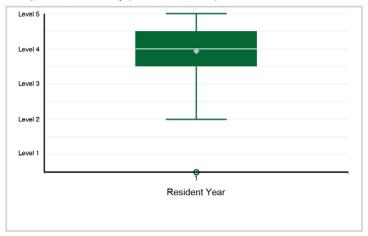
8. Systems-Based Practice - Systems-Based Practice 2: Systems Navigation for Patient-Centered Care (Track A, B, and C)



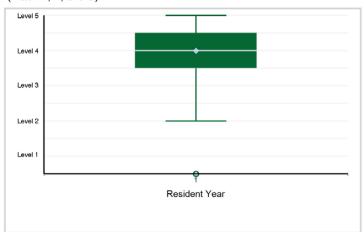
9. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care System (Track A, B, and C)



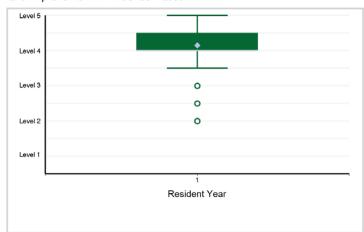
 Systems-Based Practice - Systems-Based Practice 4: Accreditation, Compliance, and Quality (Track A, B, and C)



11. Systems-Based Practice - Systems-Based Practice 5: Utilization (Track A, B, and C)

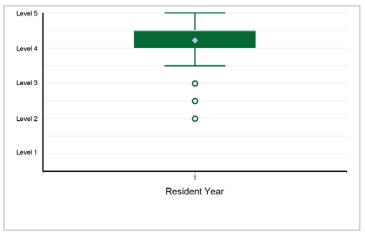


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based ...

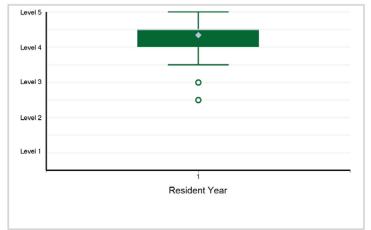


### SUBSPECIALTY: Selective Pathology - Focused Anatomic

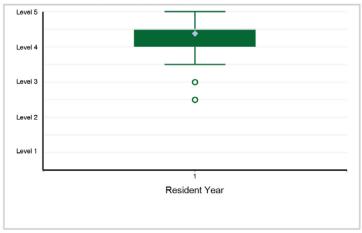
 Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



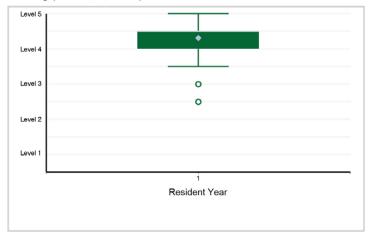
14. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles (Track A, B, and C)



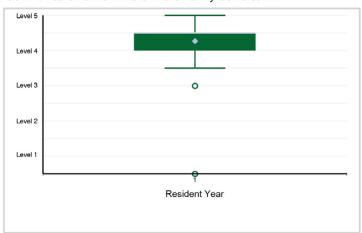
15. Professionalism - Professionalism 2: Accountability and Conscientiousness (Track A, B, and C)



16. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking (Track A, B, and C)



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered ...

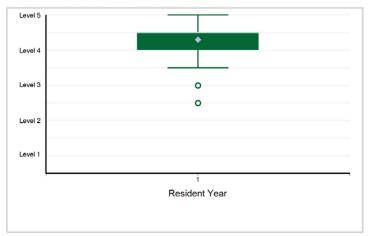


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional ...



### SUBSPECIALTY: Selective Pathology - Focused Anatomic

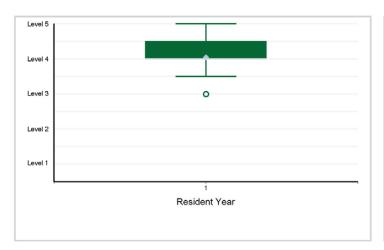
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within ...



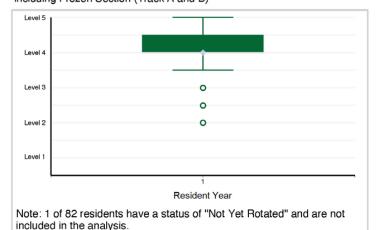
### TABLE 92: SUBSPECIALTY: Selective Pathology - Surgical

Resident Year	1	Total Residents
# of Residents	82	82

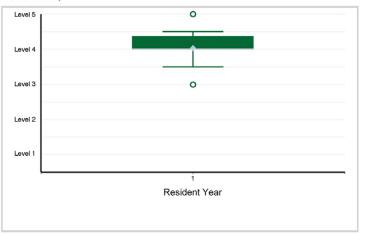
1. Patient Care - Patient Care 1: Reporting (Track A, B, and C)



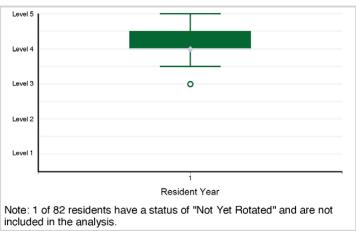
3. Patient Care - Patient Care 3: Intra-Operative Consultation (IOC), including Frozen Section (Track A and B)



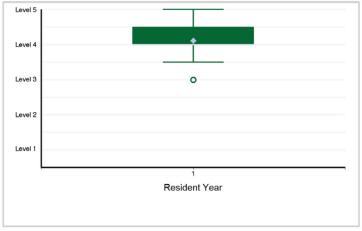
5. Medical Knowledge - Medical Knowledge 1: Clinical Reasoning (Track A, B, and C)



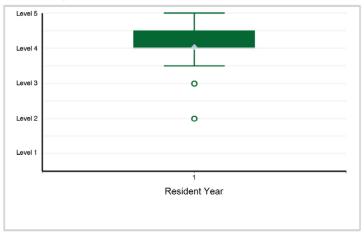
2. Patient Care - Patient Care 2: Gross Examination (Track A and B)



4. Patient Care - Patient Care 4: Microscopic Examination and Ancillary Testing for Diagnosis (Track A and B)

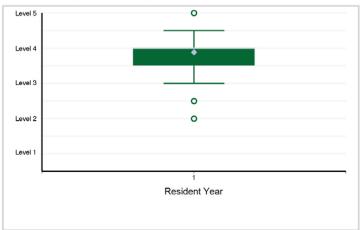


6. Medical Knowledge - Medical Knowledge 2: Knowledge of Established and Evolving Biomedical, Clinical, ...

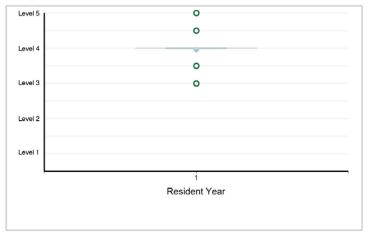


### SUBSPECIALTY: Selective Pathology - Surgical

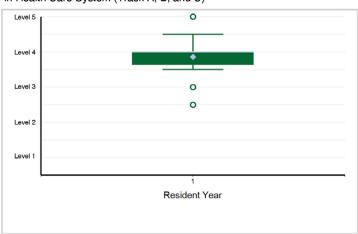
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement (QI) (Track A, B, and C)



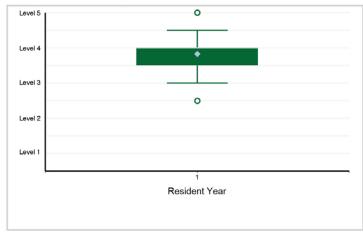
8. Systems-Based Practice - Systems-Based Practice 2: Systems Navigation for Patient-Centered Care (Track A, B, and C)



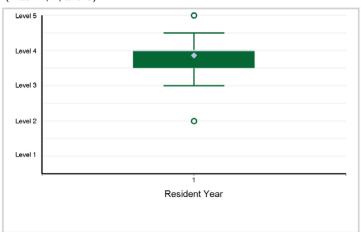
9. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care System (Track A, B, and C)



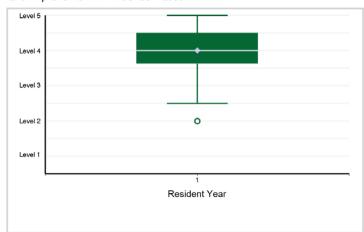
 Systems-Based Practice - Systems-Based Practice 4: Accreditation, Compliance, and Quality (Track A, B, and C)



11. Systems-Based Practice - Systems-Based Practice 5: Utilization (Track A, B, and C)

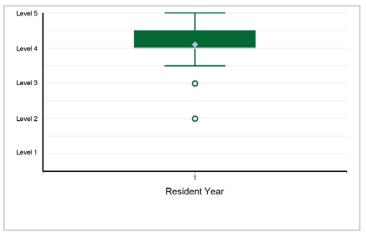


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based ...

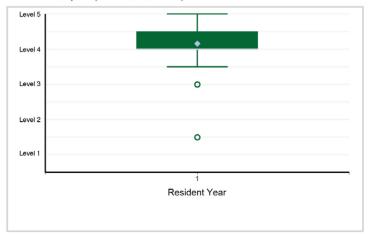


### SUBSPECIALTY: Selective Pathology - Surgical

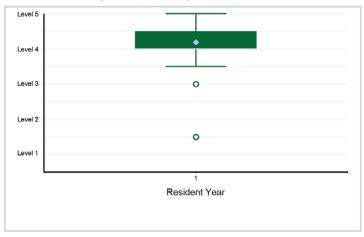
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



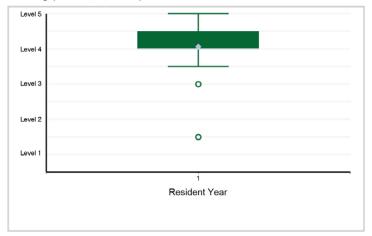
14. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles (Track A, B, and C)



15. Professionalism - Professionalism 2: Accountability and Conscientiousness (Track A, B, and C)



16. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking (Track A, B, and C)



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered ...



18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional ...



### SUBSPECIALTY: Selective Pathology - Surgical

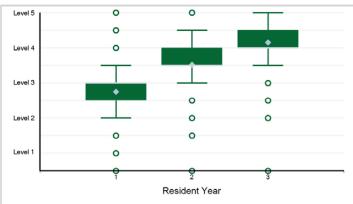
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within ...



### TABLE 93: SPECIALTY: Pediatrics

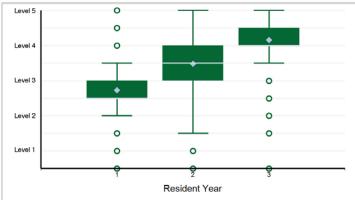
Resident Year	1	2	3	Total Residents
# of Residents	3,286	3,209	3,015	9,510

#### 1. Patient Care - Patient Care 1: History



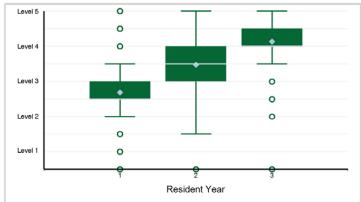
Note: 7 of 9,510 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Organize and Prioritize Patient Care



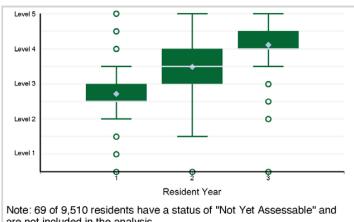
Note: 17 of 9,510 residents have a status of "Not Yet Assessable" and are not included in the analysis

#### 5. Patient Care - Patient Care 5: Patient Management



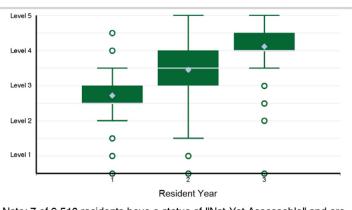
Note: 41 of 9,510 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 2. Patient Care - Patient Care 2: Physical Exam



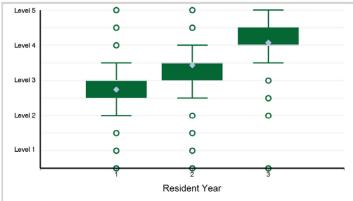
are not included in the analysis.

#### 4. Patient Care - Patient Care 4: Clinical Reasoning



Note: 7 of 9,510 residents have a status of "Not Yet Assessable" and are not included in the analysis.

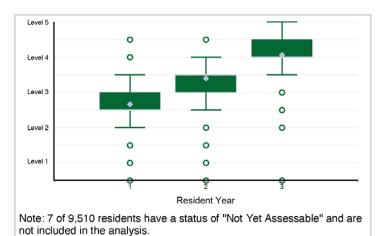
#### 6. Medical Knowledge - Medical Knowledge 1: Clinical Knowledge



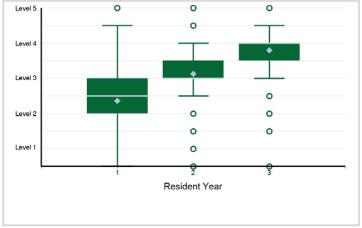
Note: 18 of 9,510 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### **SPECIALTY: Pediatrics**

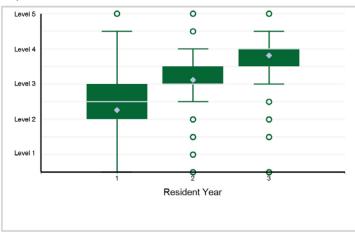
7. Medical Knowledge - Medical Knowledge 2: Diagnostic Evaluation



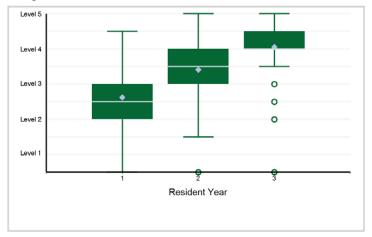
8. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



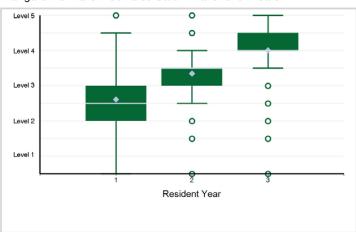
9. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement



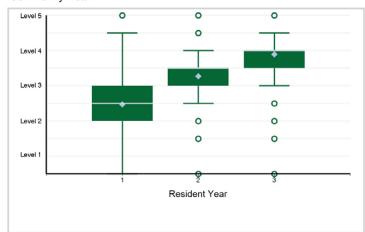
10. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient Centered Care – Coordination of Care



11. Systems-Based Practice - Systems-Based Practice 4: System Navigation for Patient-Centered Care – Transitions in Care

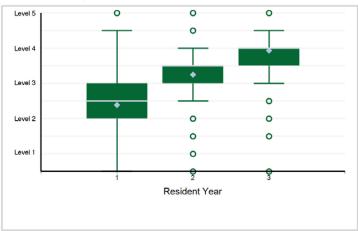


12. Systems-Based Practice - Systems-Based Practice 5: Population and Community Health

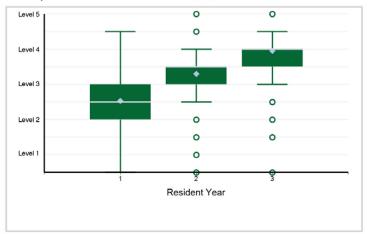


### **SPECIALTY: Pediatrics**

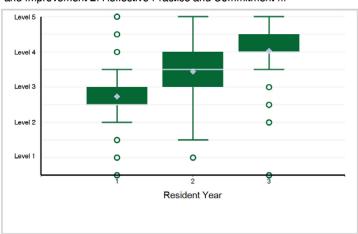
13. Systems-Based Practice - Systems-Based Practice 6: Physician Role in Health Care Systems



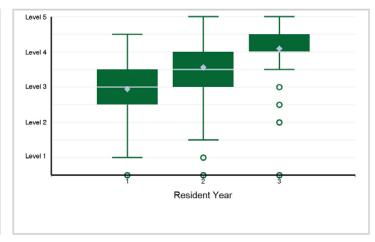
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



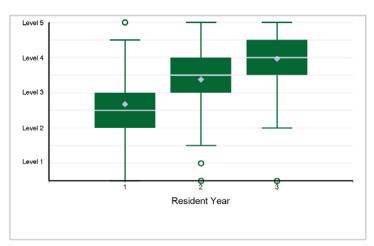
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



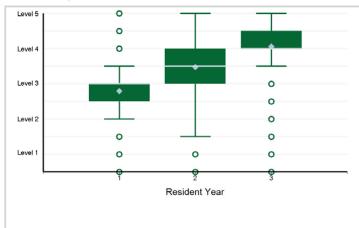
16. Professionalism - Professionalism 1: Professional Behavior



17. Professionalism - Professionalism 2: Ethical Principles

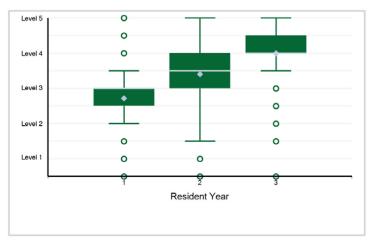


18. Professionalism - Professionalism 3: Accountability/Conscientiousness

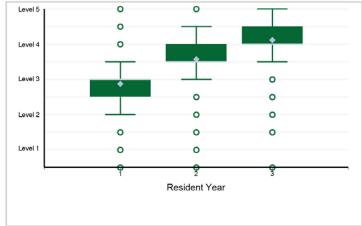


### **SPECIALTY: Pediatrics**

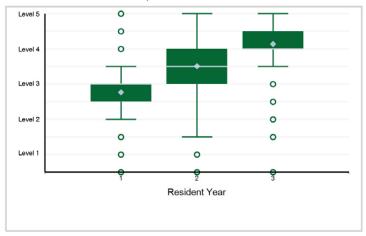
#### 19. Professionalism - Professionalism 4: Well-Being



# 20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

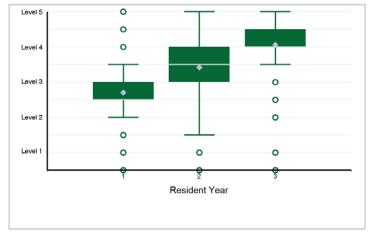
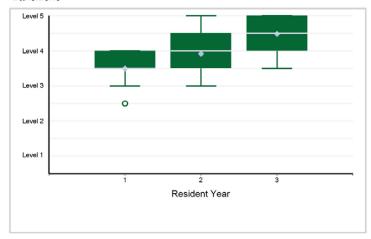


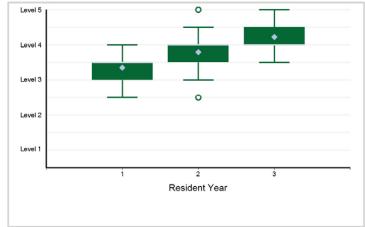
TABLE 94: SUBSPECIALTY: Adolescent Medicine

Resident Year	1	2	3	Total Residents
# of Residents	28	32	33	93

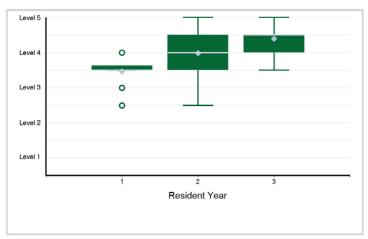
# 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



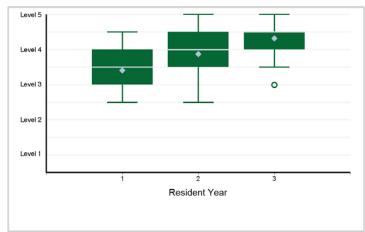
# 2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



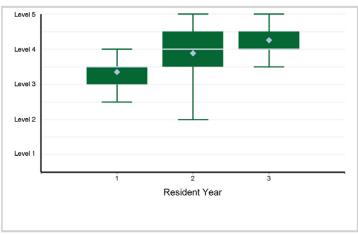
#### 3. Patient Care - PC3. Develop and carry out management plans



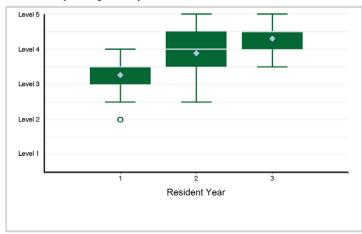
4. Patient Care - PC4. Provide appropriate role modeling



# 5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to $\dots$

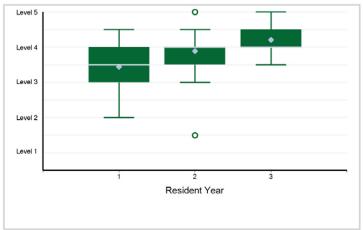


6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...

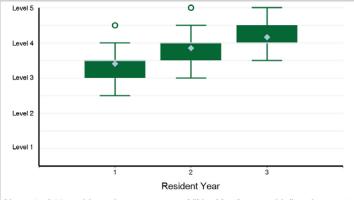


### SUBSPECIALTY: Adolescent Medicine

7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty

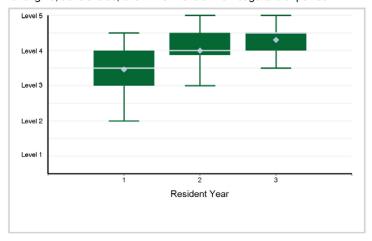


9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality

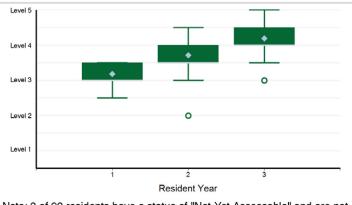


Note: 1 of 93 residents have a status of "Not Yet Assessable" and are not included in the analysis.

11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

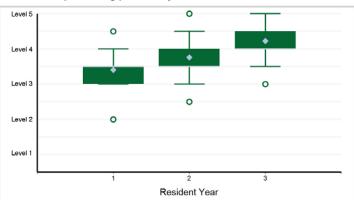


8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...



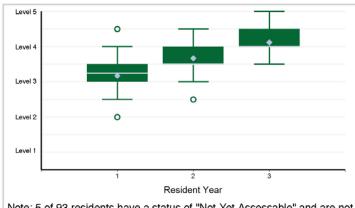
Note: 3 of 93 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



Note: 2 of 93 residents have a status of "Not Yet Assessable" and are not included in the analysis.

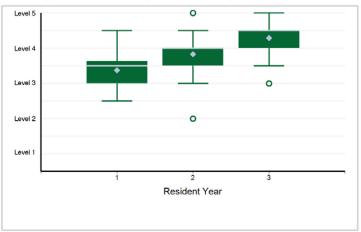
12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and ...



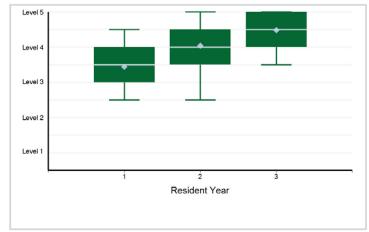
Note: 5 of 93 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SUBSPECIALTY: Adolescent Medicine

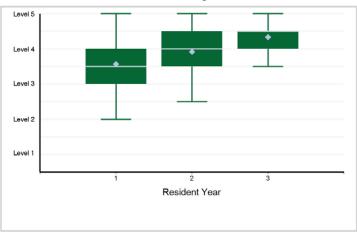
13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery



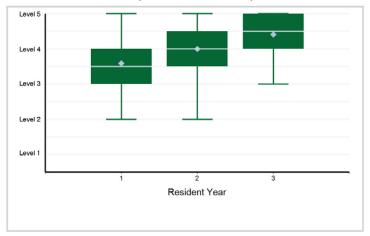
14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...



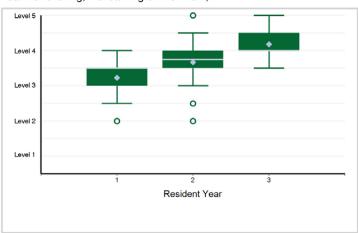
15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining  $\dots$ 



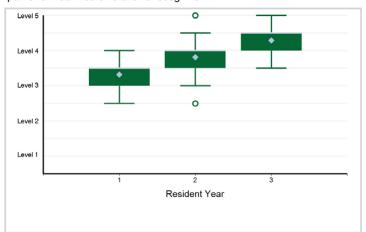
16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients



17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment, ...

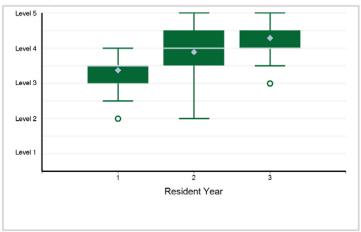


18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...

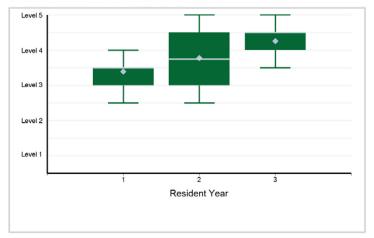


### SUBSPECIALTY: Adolescent Medicine

19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...



20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care  $\dots$ 



21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals

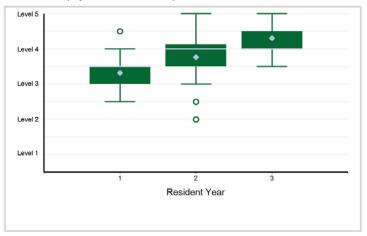
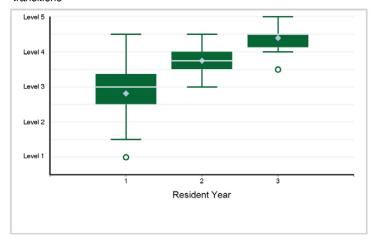


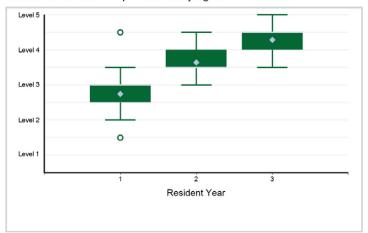
TABLE 95: SUBSPECIALTY: Child Abuse Pediatrics

Resident Year	1	2	3	Total Residents
# of Residents	22	14	14	50

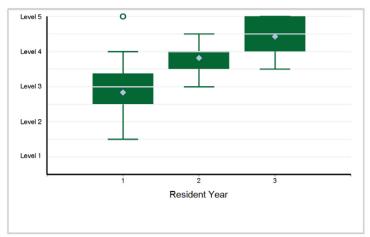
# 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



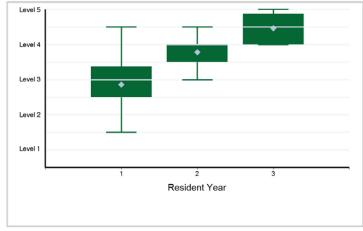
2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



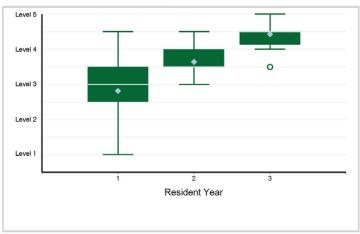
#### 3. Patient Care - PC3. Develop and carry out management plans



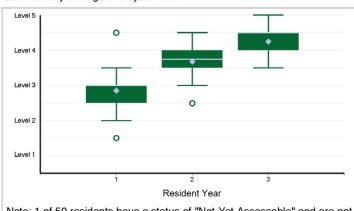
4. Patient Care - PC4. Provide appropriate role modeling



# 5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to ...



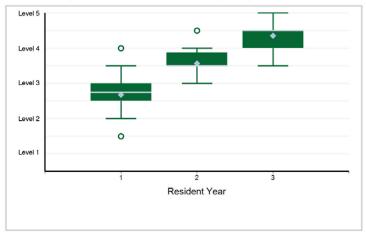
6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...



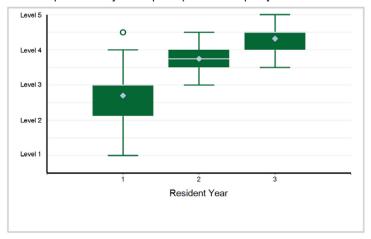
Note: 1 of 50 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SUBSPECIALTY: Child Abuse Pediatrics

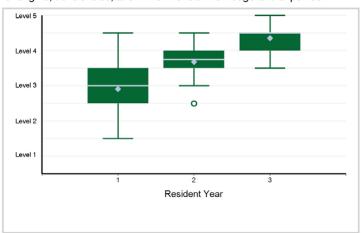
7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty



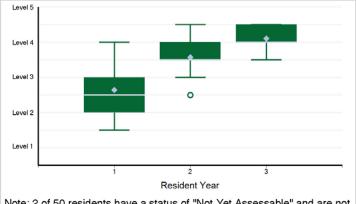
9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality



11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

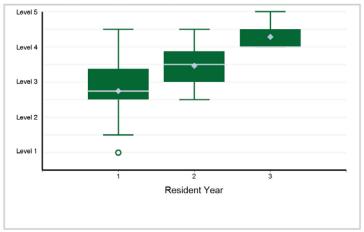


8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...

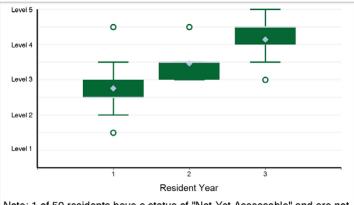


Note: 2 of 50 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



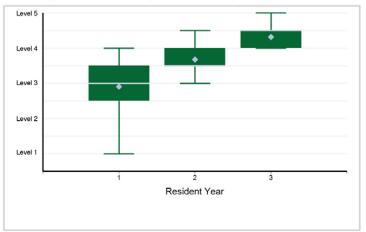
12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and ...



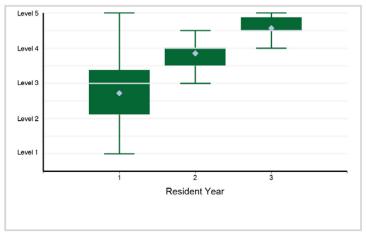
Note: 1 of 50 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SUBSPECIALTY: Child Abuse Pediatrics

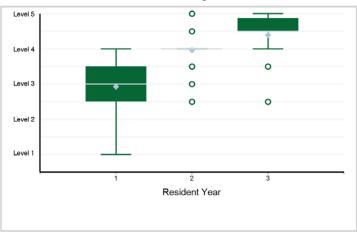
13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery



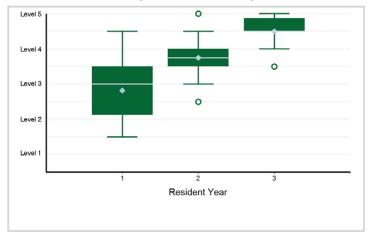
14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...



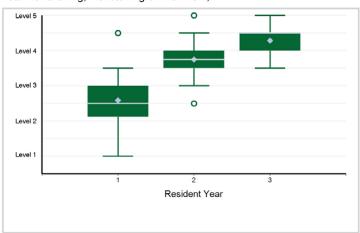
15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining  $\dots$ 



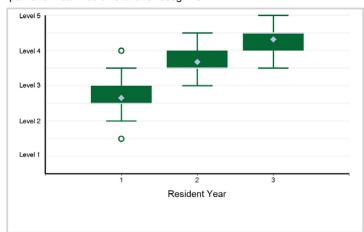
16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients



17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment, ...

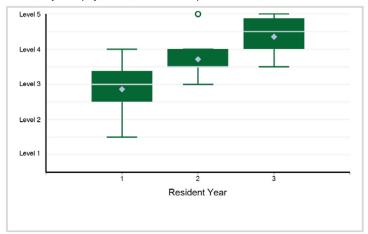


18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...

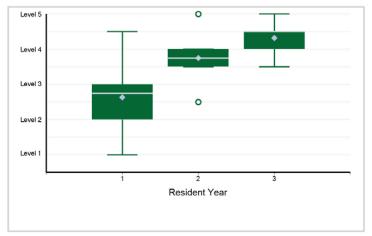


### SUBSPECIALTY: Child Abuse Pediatrics

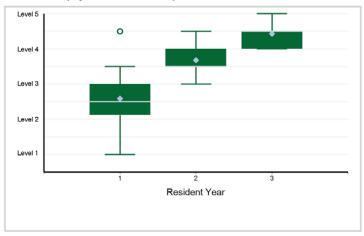
19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...



20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care  $\dots$ 



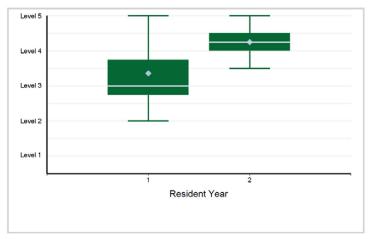
21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals



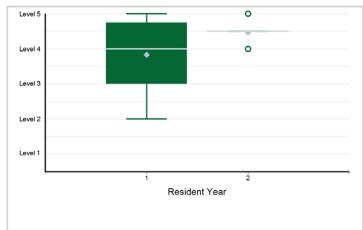
# TABLE 96: SUBSPECIALTY: Clinical Informatics (multidisciplinary, Pediatrics)

Resident Year	1	2	Total Residents
# of Residents	15	14	29

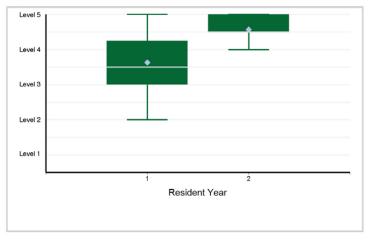
#### 1. Patient Care - Patient Care 1: Technology Assessment



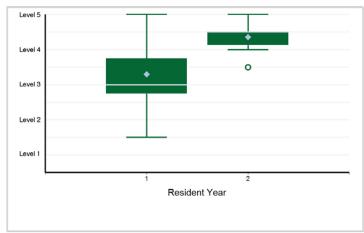
#### 2. Patient Care - Patient Care 2: Clinical Decision Support Systems



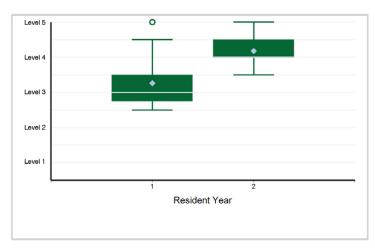
# 3. Patient Care - Patient Care 3: Impact of Clinical Informatics on Patient Care



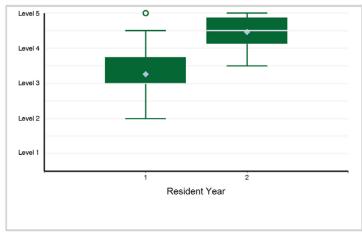
4. Patient Care - Patient Care 4: Project Management



### 5. Patient Care - Patient Care 5: Information System Lifecycle

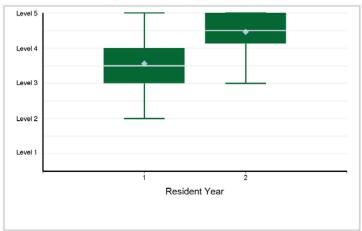


6. Patient Care - Patient Care 6: Assessing User Needs

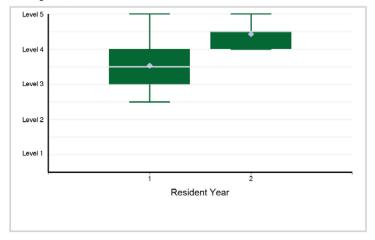


### SUBSPECIALTY: Clinical Informatics (multidisciplinary, Pediatrics)

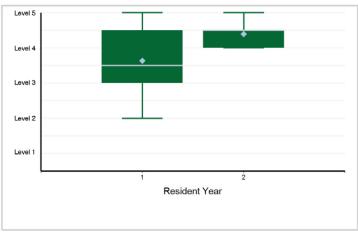
# 7. Medical Knowledge - Medical Knowledge 1: Clinical Informatics Fundamentals and Programming



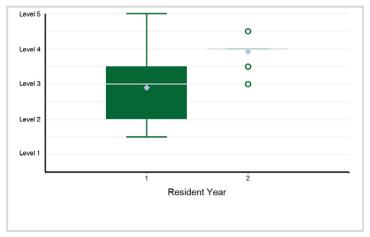
#### Medical Knowledge - Medical Knowledge 2: Leadership and Change Management



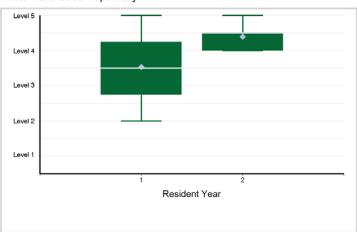
9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Unintended Consequences



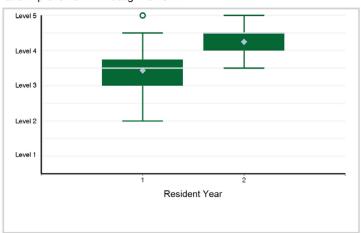
10. Systems-Based Practice - Systems-Based Practice 2: Resource Utilization



11. Systems-Based Practice - Systems-Based Practice 3: Workflow and Data Warehouse/Repository

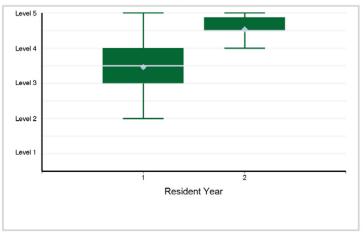


12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Recognition of ...

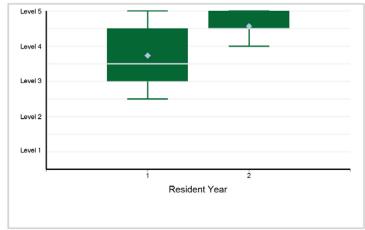


### SUBSPECIALTY: Clinical Informatics (multidisciplinary, Pediatrics)

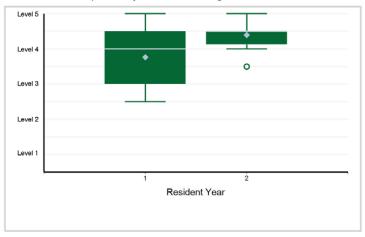
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Scholarly Activity ...



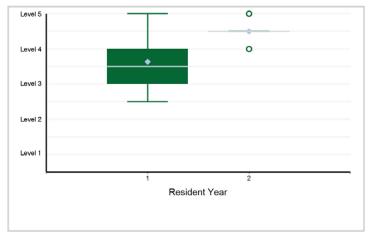
 Professionalism - Professionalism 1: Professionalism — Demonstrates honesty, integrity, and ethical behavior



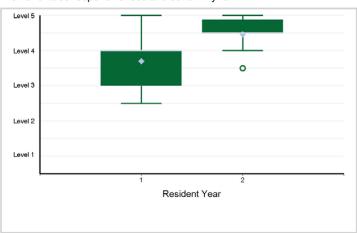
 Professionalism - Professionalism 2: Professionalism — Demonstrates responsibility and follow-through on tasks



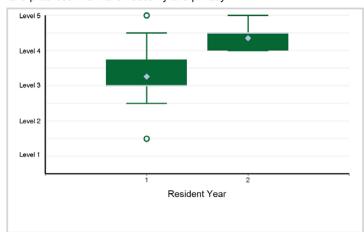
16. Professionalism - Professionalism 3: Professionalism — Gives and receives feedback



17. Professionalism - Professionalism 4: Professionalism — Demonstrates responsiveness and sensitivity to ...

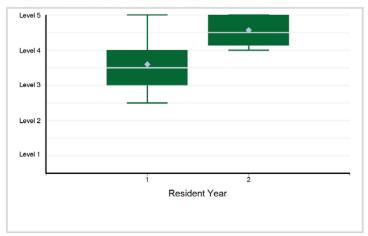


 Professionalism - Professionalism 5: Professionalism — Understands and practices information security and privacy

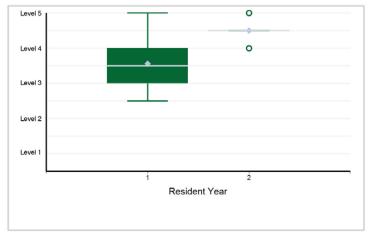


### SUBSPECIALTY: Clinical Informatics (multidisciplinary, Pediatrics)

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Effective Communications ...



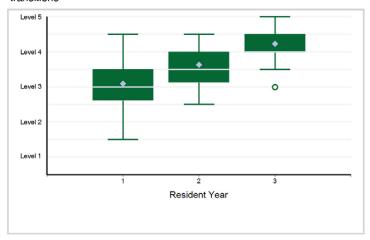
20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Communication with Patients and Families



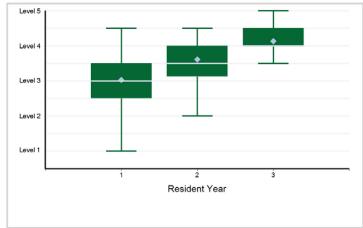
### TABLE 97: SUBSPECIALTY: Developmental-Behavioral Pediatrics

Resident Year	1	2	3	Total Residents
# of Residents	46	30	37	113

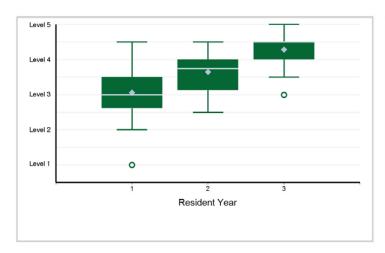
# 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



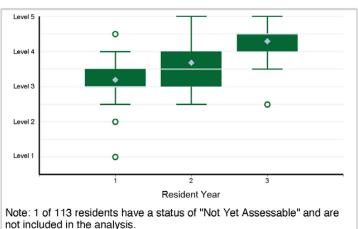
# 2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



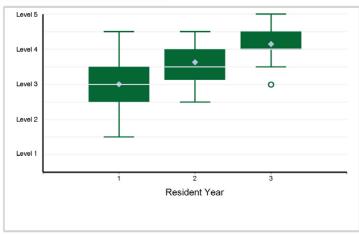
#### 3. Patient Care - PC3. Develop and carry out management plans



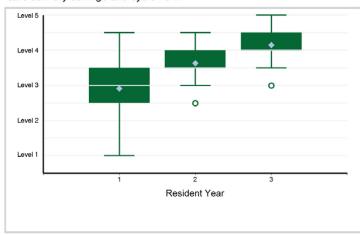
4. Patient Care - PC4. Provide appropriate role modeling



5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to ...

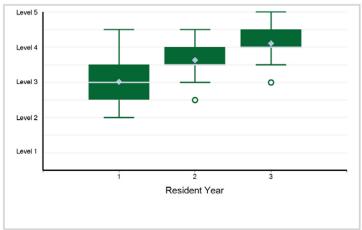


6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...

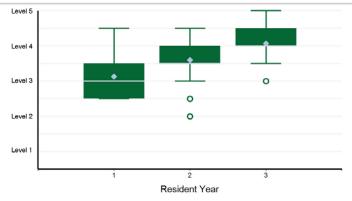


### SUBSPECIALTY: Developmental-Behavioral Pediatrics

7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty

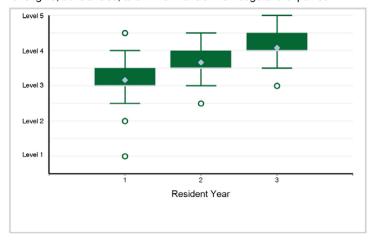


9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality

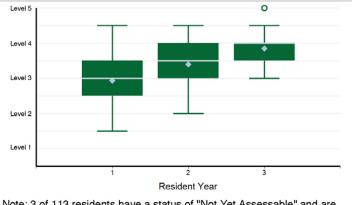


Note: 3 of 113 residents have a status of "Not Yet Assessable" and are not included in the analysis.

11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

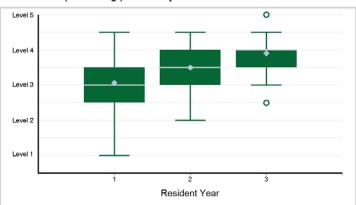


8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...



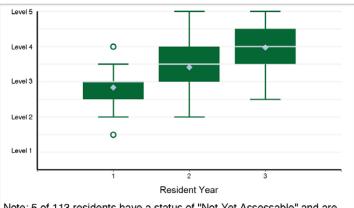
Note: 3 of 113 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



Note: 7 of 113 residents have a status of "Not Yet Assessable" and are not included in the analysis.

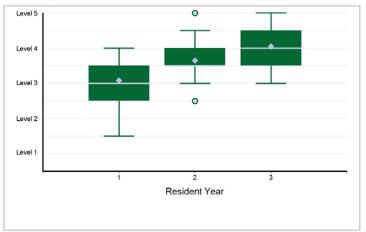
12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and ...



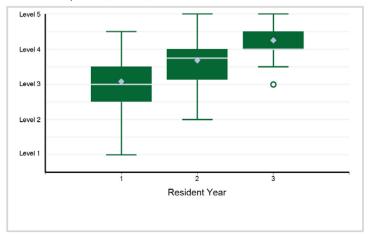
Note: 5 of 113 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SUBSPECIALTY: Developmental-Behavioral Pediatrics

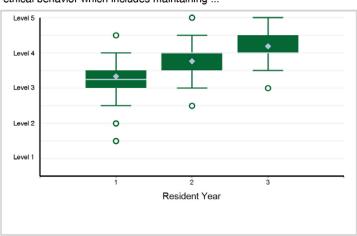
13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery



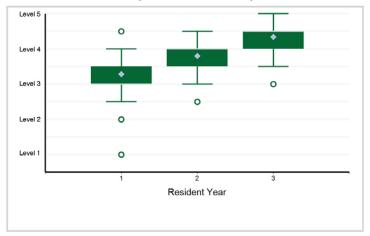
14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...



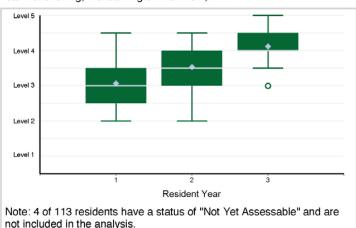
15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining  $\dots$ 



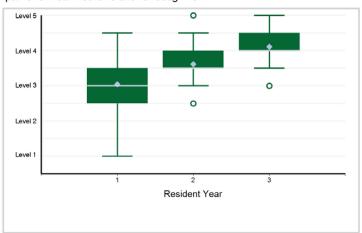
16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients



17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment, ...

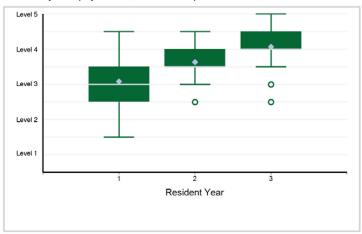


18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize  $\dots$ 

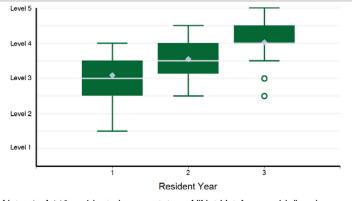


### SUBSPECIALTY: Developmental-Behavioral Pediatrics

19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...

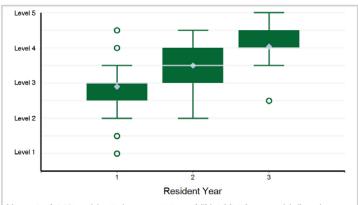


20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care ...



Note: 1 of 113 residents have a status of "Not Yet Assessable" and are not included in the analysis.

21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals

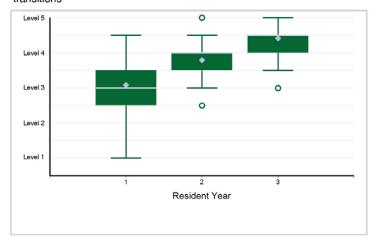


Note: 1 of 113 residents have a status of "Not Yet Assessable" and are not included in the analysis.

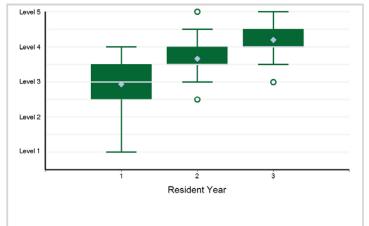
#### TABLE 98: SUBSPECIALTY: Neonatal-Perinatal Medicine

Resident Year	1	2	3	Total Residents
# of Residents	299	252	252	803

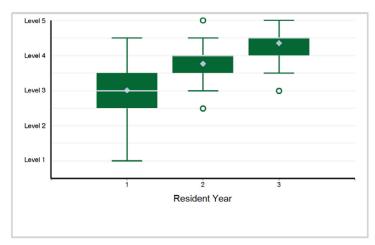
# 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



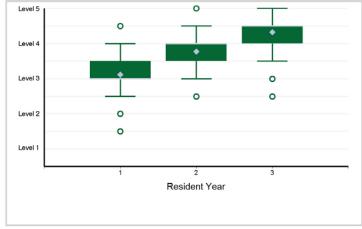
# 2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



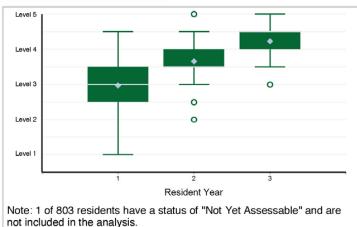
#### 3. Patient Care - PC3. Develop and carry out management plans



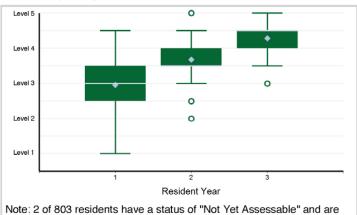
4. Patient Care - PC4. Provide appropriate role modeling



# 5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to ...



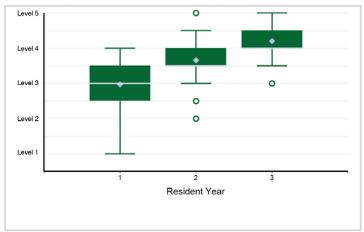
6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...



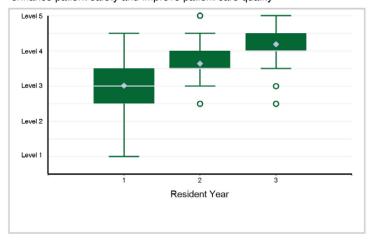
Note: 2 of 803 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### SUBSPECIALTY: Neonatal-Perinatal Medicine

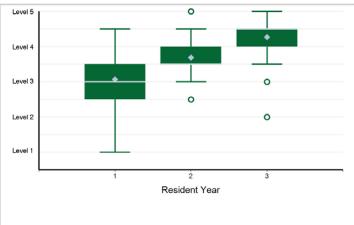
7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty



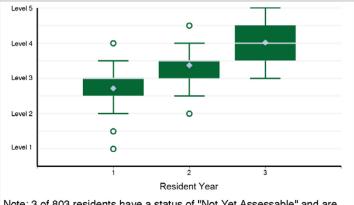
9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality



11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

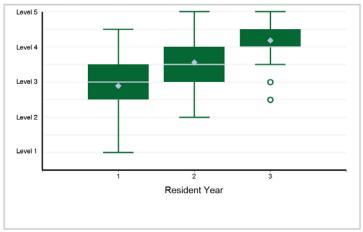


8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...

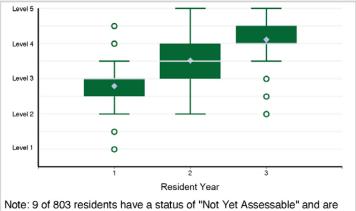


Note: 3 of 803 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



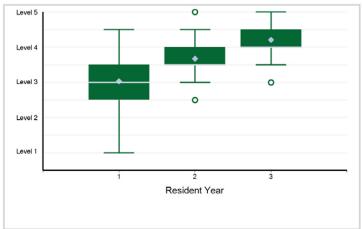
12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and ...



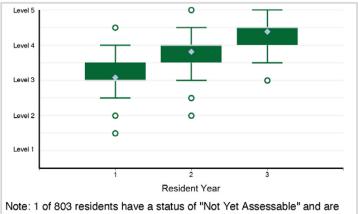
not included in the analysis.

#### SUBSPECIALTY: Neonatal-Perinatal Medicine

13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery

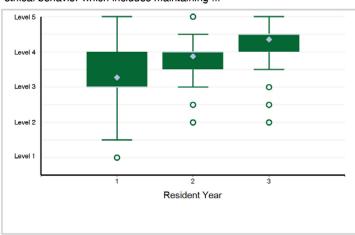


14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...

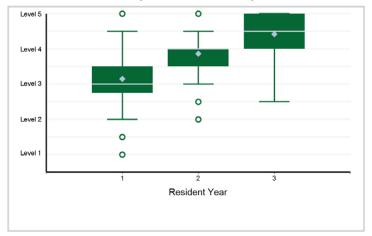


not included in the analysis.

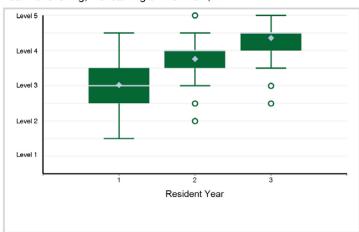
15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining ...



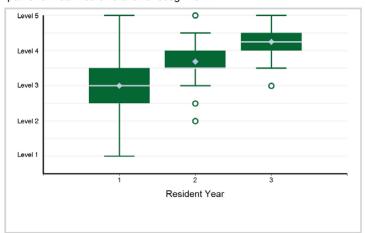
16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients



17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment, ...

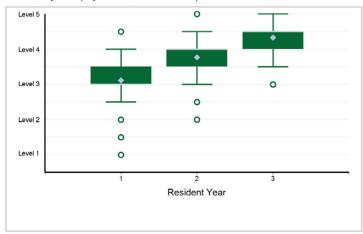


18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...

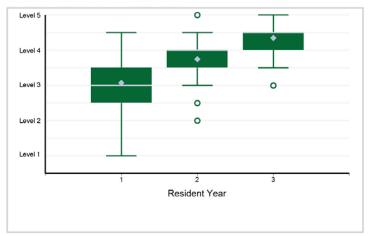


### SUBSPECIALTY: Neonatal-Perinatal Medicine

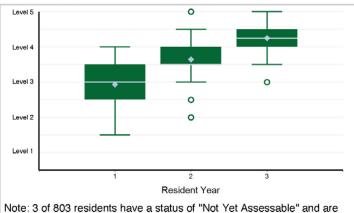
19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...



20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care  $\dots$ 



21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals

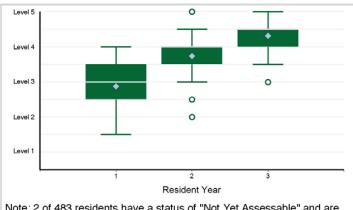


Note: 3 of 803 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### TABLE 99: SUBSPECIALTY: Pediatric Cardiology

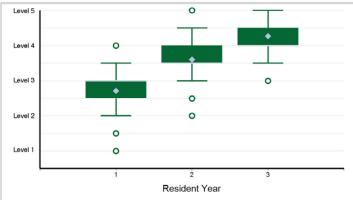
Resident Year	1	2	3	Total Residents
# of Residents	165	161	157	483

#### 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



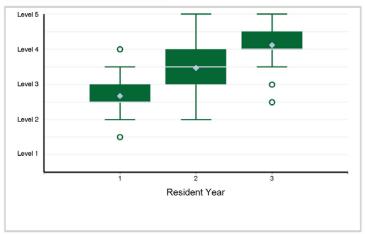
Note: 2 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - PC3. Develop and carry out management plans

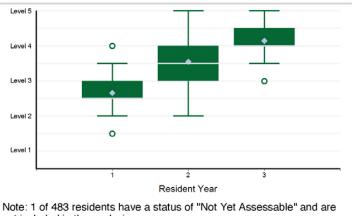


Note: 1 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to ...

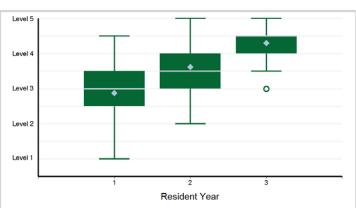


#### 2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



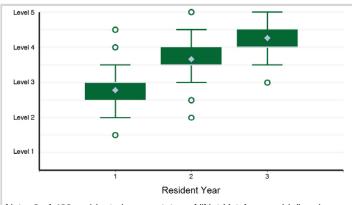
not included in the analysis.

#### 4. Patient Care - PC4. Provide appropriate role modeling



Note: 3 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

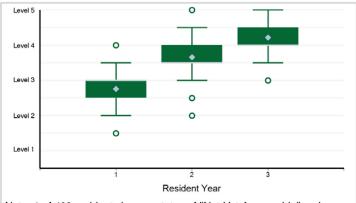
#### 6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...



Note: 3 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

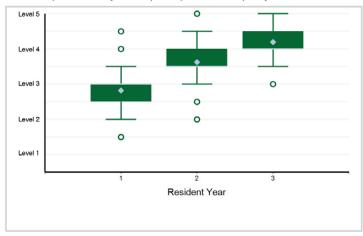
### SUBSPECIALTY: Pediatric Cardiology

7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty

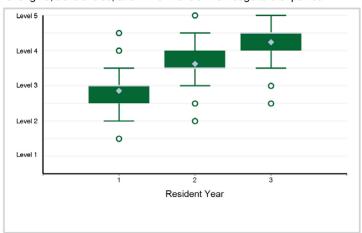


Note: 1 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

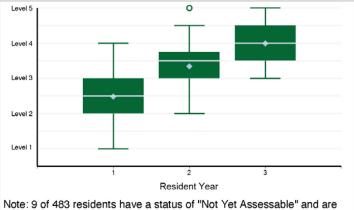
9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality



11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

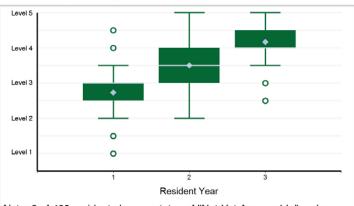


8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...



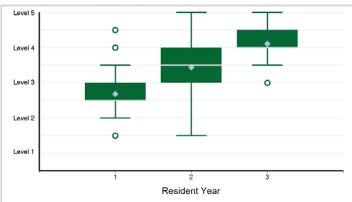
Note: 9 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



Note: 2 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

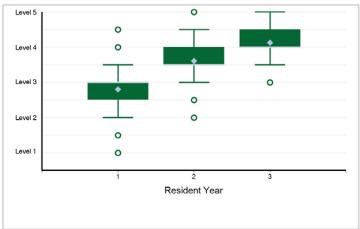
12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and ...



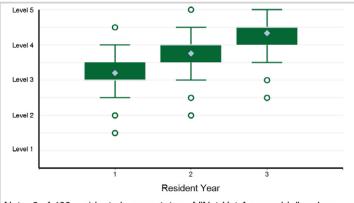
Note: 17 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SUBSPECIALTY: Pediatric Cardiology

13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery  $\,$ 

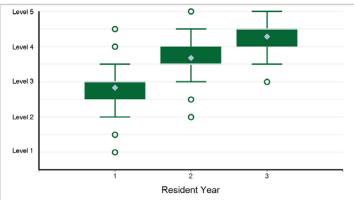


15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining ...



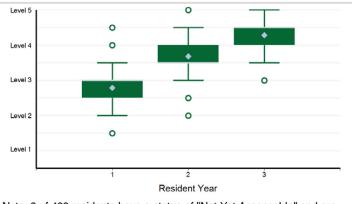
Note: 2 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment,  $\dots$ 



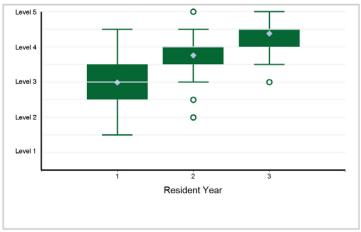
Note: 2 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...

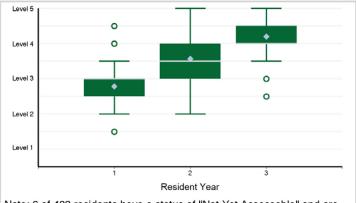


Note: 2 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients



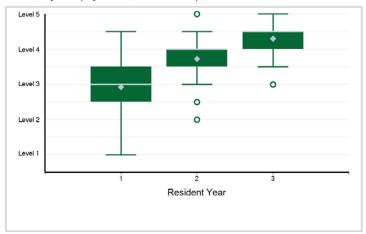
18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...



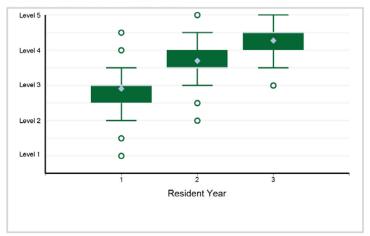
Note: 6 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SUBSPECIALTY: Pediatric Cardiology

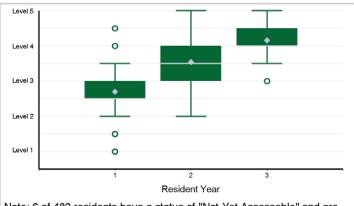
19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...



20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care  $\dots$ 



21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals

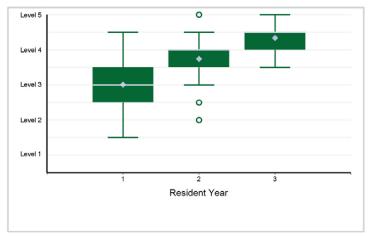


Note: 6 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

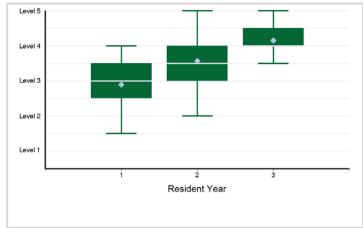
#### TABLE 100: SUBSPECIALTY: Pediatric Critical Care Medicine

Resident Year	1	2	3	Total Residents
# of Residents	210	202	184	596

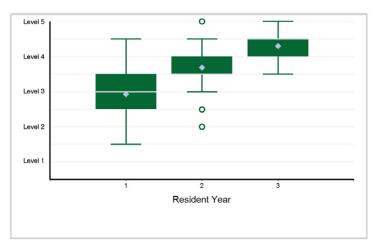
# 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



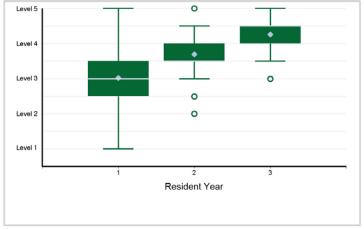
# 2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



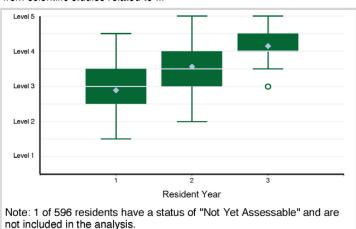
#### 3. Patient Care - PC3. Develop and carry out management plans



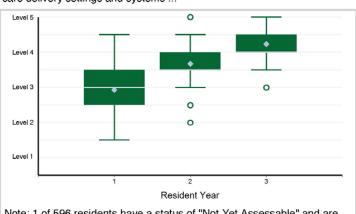
#### 4. Patient Care - PC4. Provide appropriate role modeling



# 5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to ...



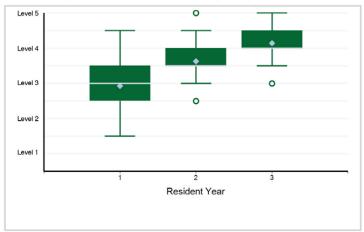
6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...



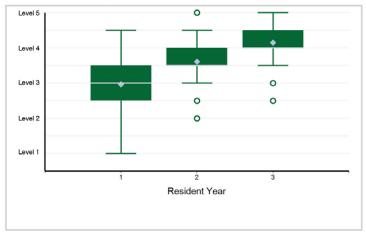
Note: 1 of 596 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### SUBSPECIALTY: Pediatric Critical Care Medicine

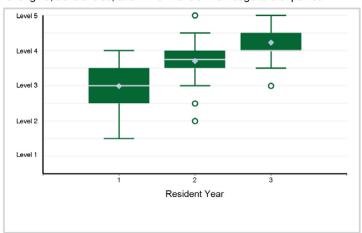
7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty



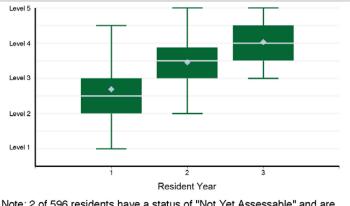
9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality



11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

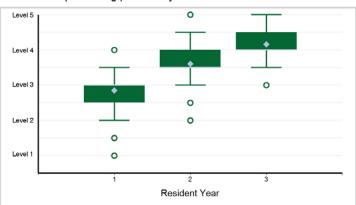


8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...



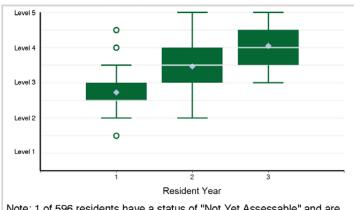
Note: 2 of 596 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



Note: 1 of 596 residents have a status of "Not Yet Assessable" and are not included in the analysis.

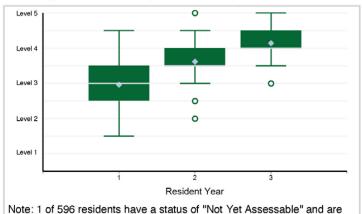
12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and ...



Note: 1 of 596 residents have a status of "Not Yet Assessable" and are not included in the analysis.

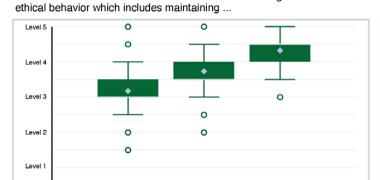
#### SUBSPECIALTY: Pediatric Critical Care Medicine

13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery



15. Professionalism - PROF1. Professional Conduct: High standards of

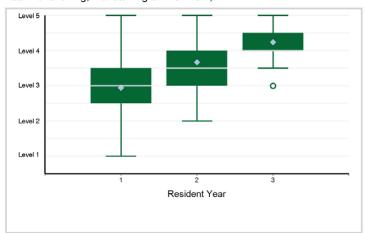
not included in the analysis.



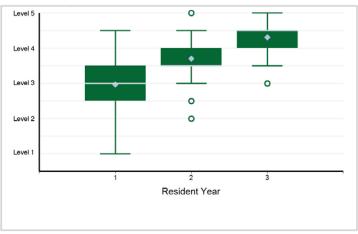
Note: 1 of 596 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Resident Year

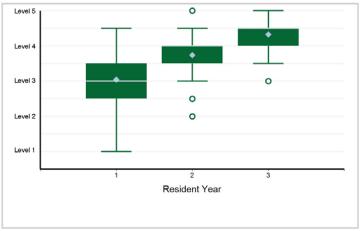
17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment,  $\dots$ 



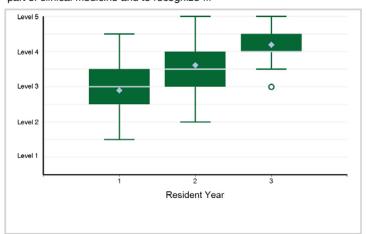
14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...



16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients

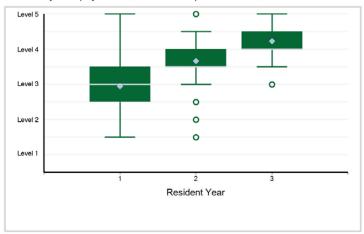


18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize  $\dots$ 

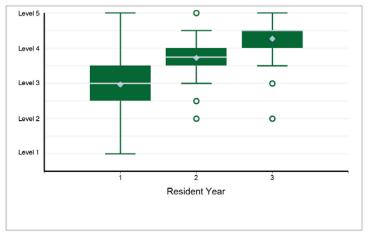


### SUBSPECIALTY: Pediatric Critical Care Medicine

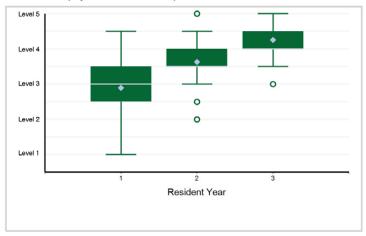
19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...



20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care  $\dots$ 



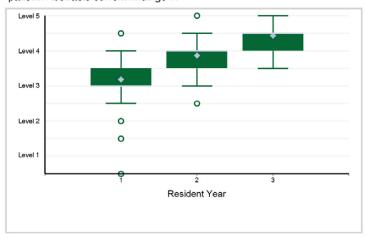
21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals



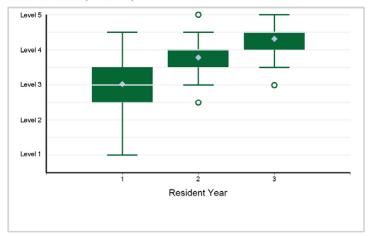
### TABLE 101: SUBSPECIALTY: Pediatric Emergency Medicine (multidisciplinary, Pediatrics)

Resident Year	1	2	3	Total Residents
# of Residents	154	150	142	446

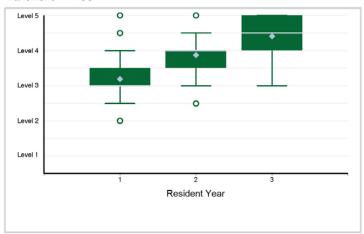
1. Patient Care - Gather essential and accurate information about the patient: Abstracts current findings  $\dots$ 



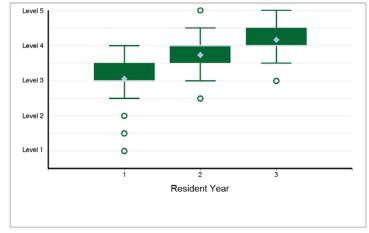
2. Patient Care - Organize and prioritize responsibilities to provide patient care that is safe, effective, ...



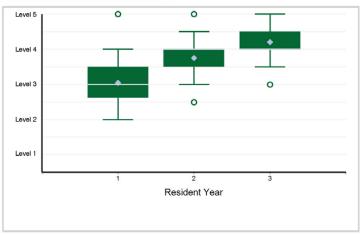
3. Patient Care - Provide transfer of care that ensures seamless transitions — PC3



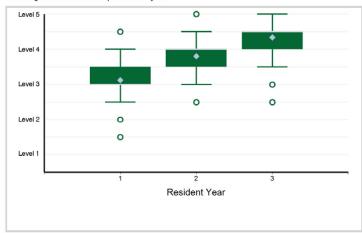
 Patient Care - Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment — PC4



5. Patient Care - Emergency Stabilization: Prioritizes critical initial stabilization action and mobilizes ...

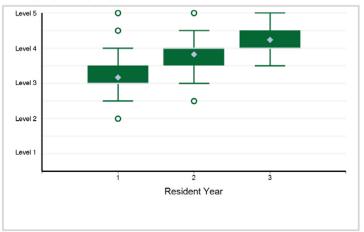


6. Patient Care - Diagnostic Studies: Applies the results of diagnostic testing based on the probability  $\dots$ 

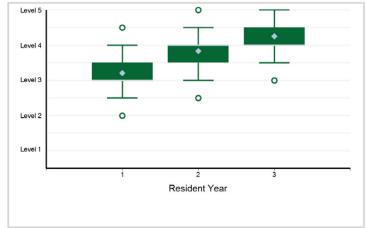


### SUBSPECIALTY: Pediatric Emergency Medicine (multidisciplinary, Pediatrics)

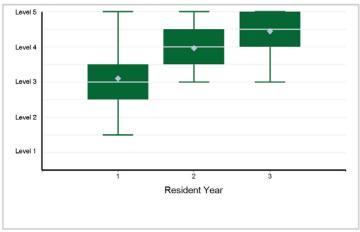
7. Patient Care - Observation and Reassessment: Re-evaluates patients undergoing emergency department (ED) ...



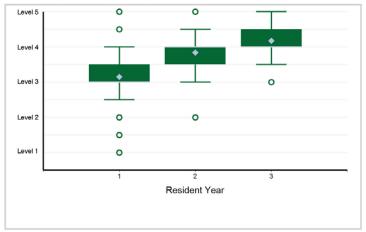
8. Patient Care - Disposition: Establishes and implements a comprehensive disposition plan that uses appropriate ...



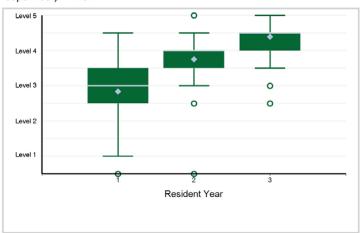
9. Patient Care - General Approach to Procedures: Performs the indicated procedure on all appropriate patients  $\dots$ 



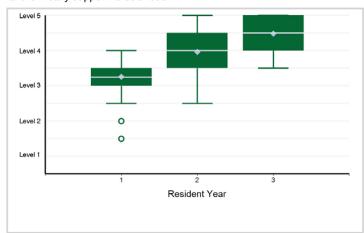
 Patient Care - Anesthesia and Acute Pain Management: Provides safe acute pain management, anesthesia, ...



11. Patient Care - Provide appropriate supervision (milestones for the supervisor) — PC11

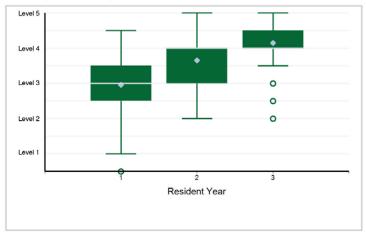


12. Medical Knowledge - Demonstrate sufficient knowledge of the basic and clinically supportive sciences ...

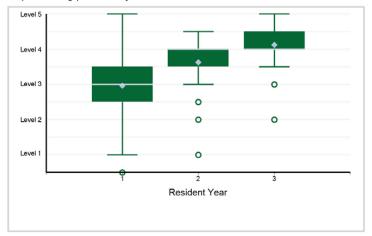


### SUBSPECIALTY: Pediatric Emergency Medicine (multidisciplinary, Pediatrics)

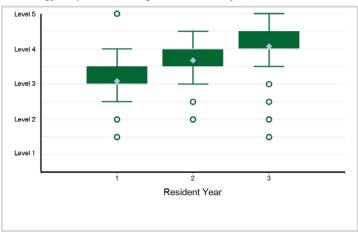
13. Systems-Based Practice - Advocate for quality patient care and optimal patient care systems — SBP1



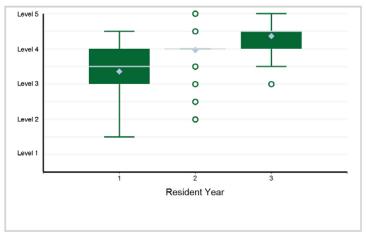
 Systems-Based Practice - Participate in identifying system errors and implementing potential systems solutions — SBP2



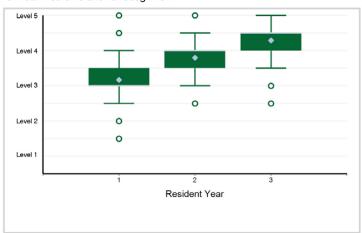
15. Practice-Based Learning and Improvement - Use information technology to optimize learning and care delivery — PBLI1



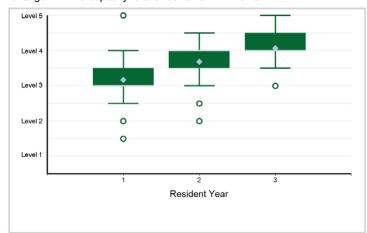
16. Professionalism - Self-awareness of one's own knowledge, skill, and emotional limitations that leads ...



17. Professionalism - The capacity to accept that ambiguity is part of clinical medicine and to recognize  $\dots$ 

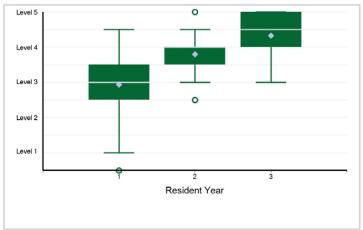


18. Professionalism - Practice flexibility and maturity in adjusting to change with the capacity to alter behavior — PROF3

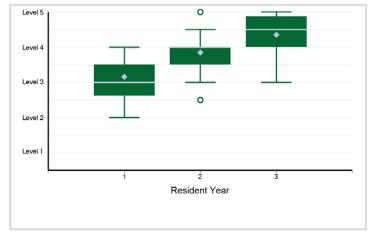


### SUBSPECIALTY: Pediatric Emergency Medicine (multidisciplinary, Pediatrics)

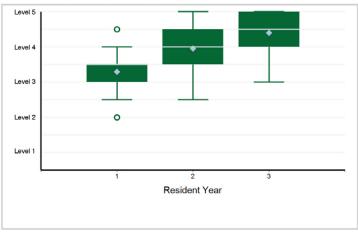
19. Professionalism - Provide leadership skills that enhance team functioning, the learning environment,  $\dots$ 



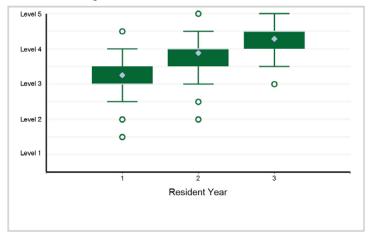
20. Professionalism - Demonstrate self-confidence that puts patients, families, and members of the health care team at ease ...



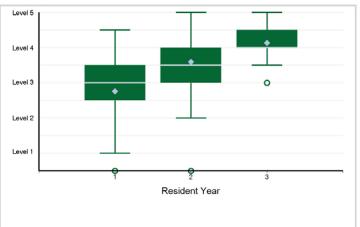
21. Interpersonal and Communication Skills - Communicate effectively with patients, families, and the public,  $\dots$ 



22. Interpersonal and Communication Skills - Demonstrate the insight and understanding into emotion and ...



23. Interpersonal and Communication Skills - Act in a consultative role to other physicians and health professionals — ICS3  $\,$ 

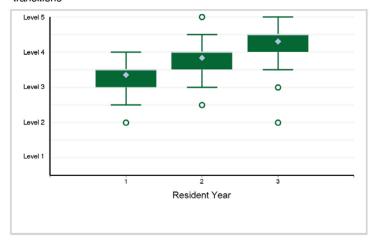


### TABLE 102: SUBSPECIALTY: Pediatric Endocrinology

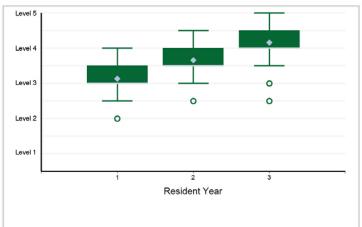
Resident Year	1	2	3	Total Residents*
# of Residents	85	86	63	234

<sup>\*</sup>Note: There are 3 residents with an incomplete milestone evaluation that are excluded from the box plots below.

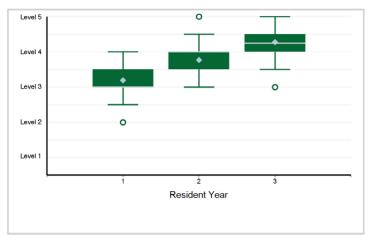
# 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



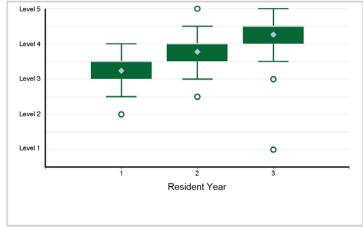
# 2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



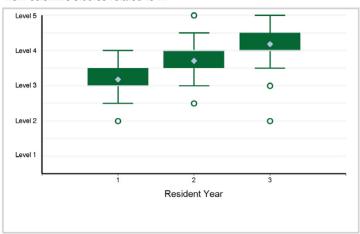
#### 3. Patient Care - PC3. Develop and carry out management plans



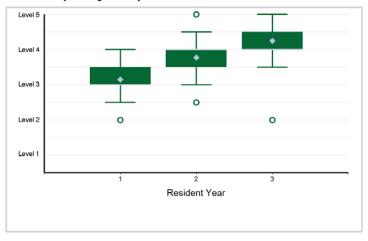
4. Patient Care - PC4. Provide appropriate role modeling



# 5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to $\dots$

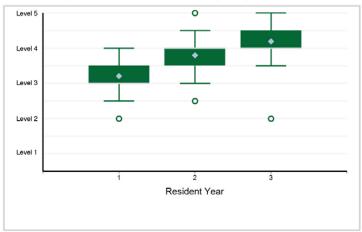


# 6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems $\dots$

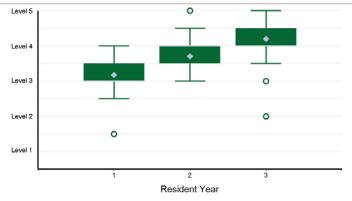


### SUBSPECIALTY: Pediatric Endocrinology

7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty

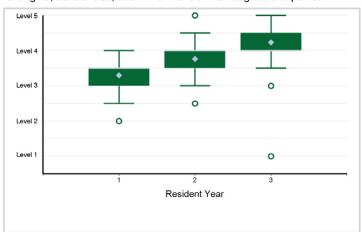


9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality

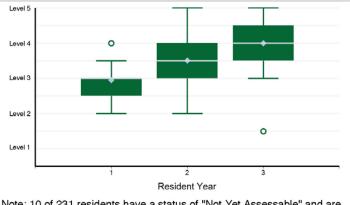


Note: 4 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

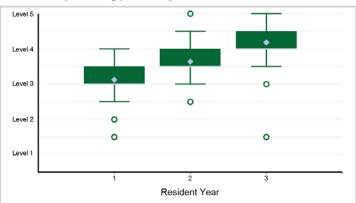


8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or  $\dots$ 



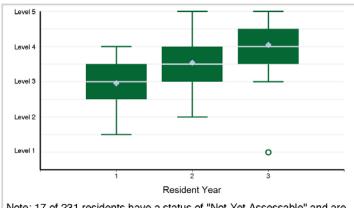
Note: 10 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



Note: 9 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

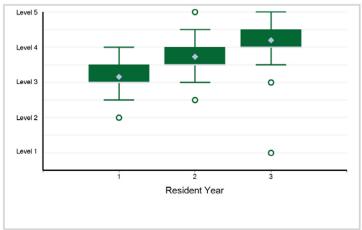
12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and  $\dots$ 



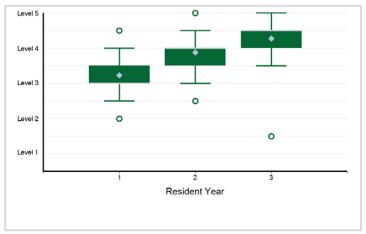
Note: 17 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SUBSPECIALTY: Pediatric Endocrinology

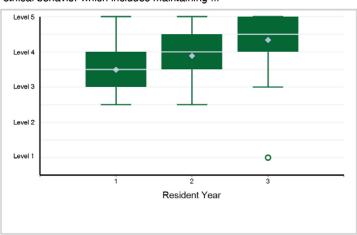
13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery



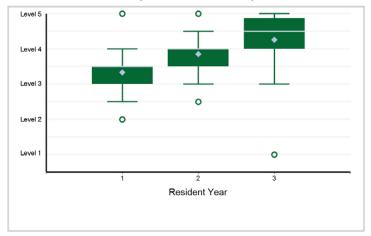
14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...



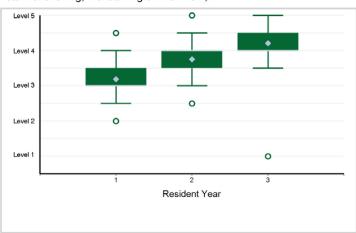
15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining ...



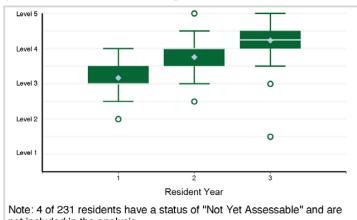
16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients



17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment, ...



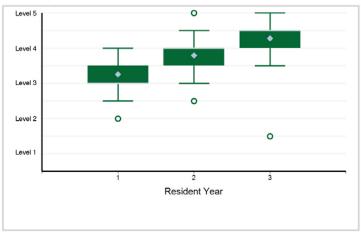
18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...



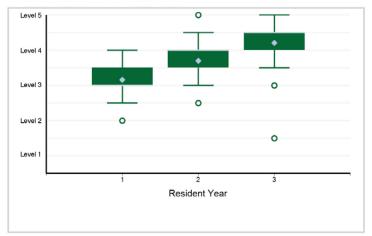
not included in the analysis.

### **SUBSPECIALTY: Pediatric Endocrinology**

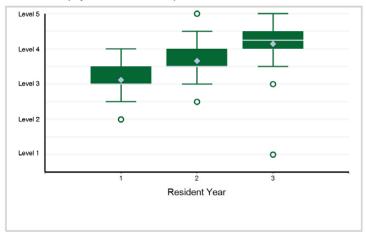
19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...



20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care  $\dots$ 



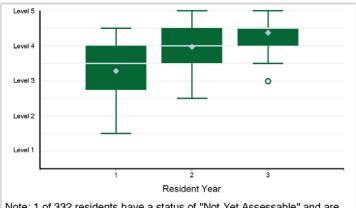
21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals



### TABLE 103: SUBSPECIALTY: Pediatric Gastroenterology

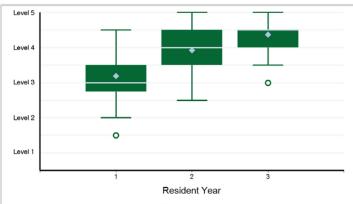
Resident Year	1	2	3	Total Residents
# of Residents	112	110	110	332

## 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



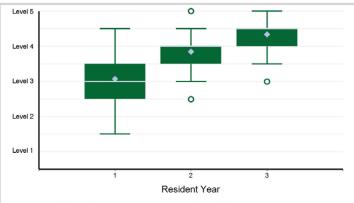
Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - PC3. Develop and carry out management plans



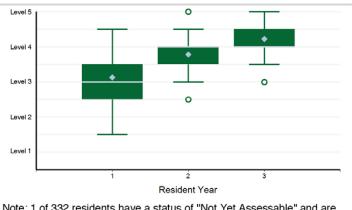
Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to ...



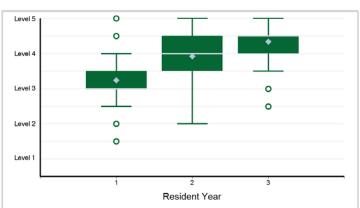
Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



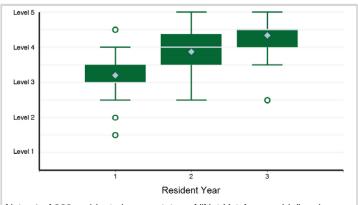
Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 4. Patient Care - PC4. Provide appropriate role modeling



Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

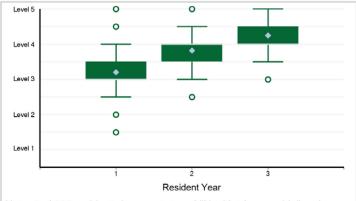
# 6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...



Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

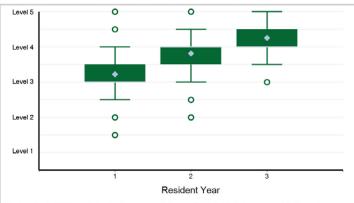
### SUBSPECIALTY: Pediatric Gastroenterology

7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty



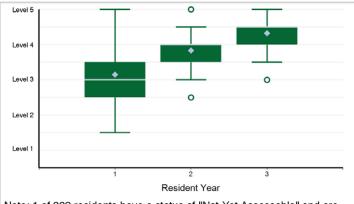
Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality



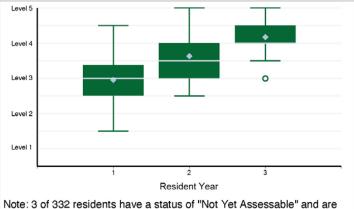
Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise



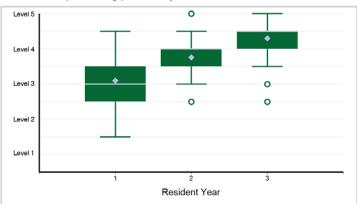
Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...



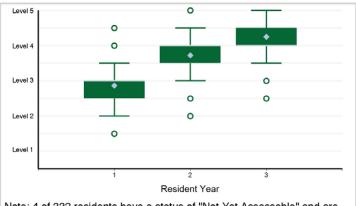
not included in the analysis.

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

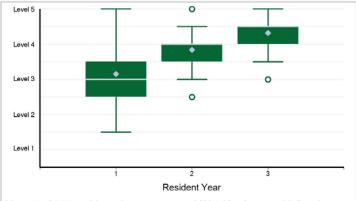
12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and ...



Note: 4 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

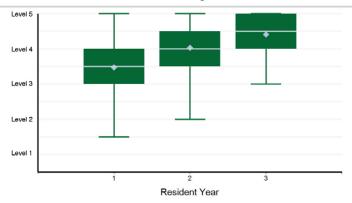
### SUBSPECIALTY: Pediatric Gastroenterology

13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery



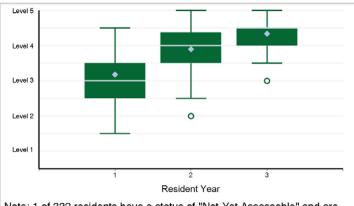
Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining ...



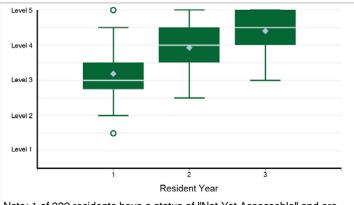
Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment,  $\dots$ 



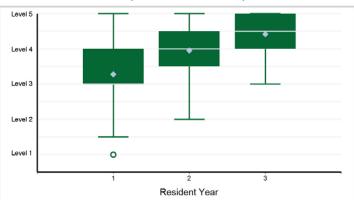
Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...



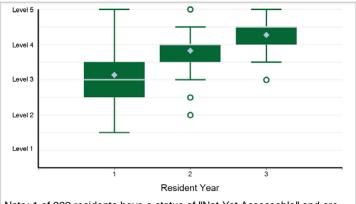
Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients



Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

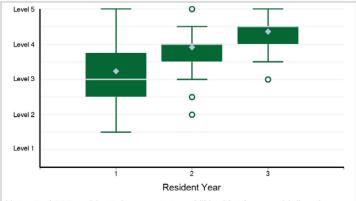
18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...



Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

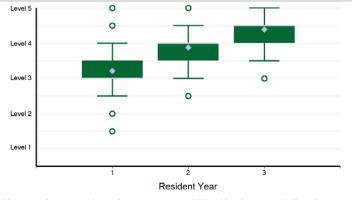
### SUBSPECIALTY: Pediatric Gastroenterology

19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...



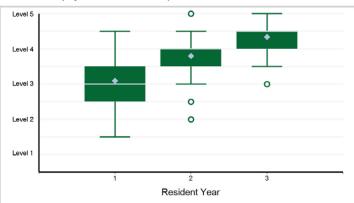
Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care  $\dots$ 



Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals

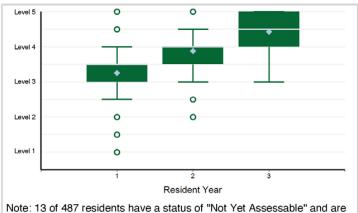


Note: 1 of 332 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### TABLE 104: SUBSPECIALTY: Pediatric Hematology Oncology

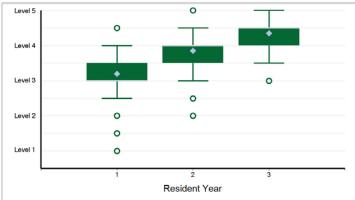
Resident Year	1	2	3	Total Residents
# of Residents	167	158	162	487

#### 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



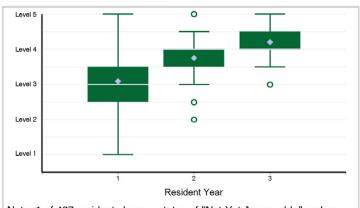
not included in the analysis.

#### 3. Patient Care - PC3. Develop and carry out management plans



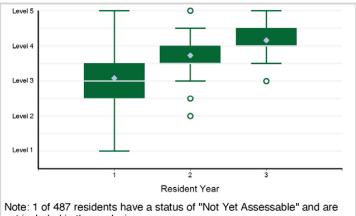
Note: 1 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to ...



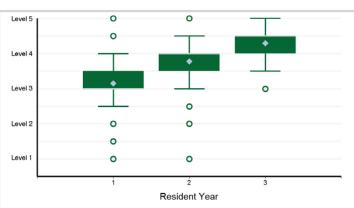
Note: 1 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



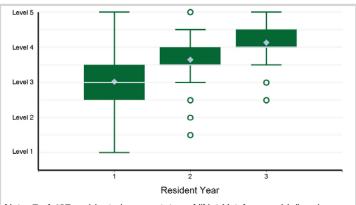
not included in the analysis.

#### 4. Patient Care - PC4. Provide appropriate role modeling



Note: 1 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

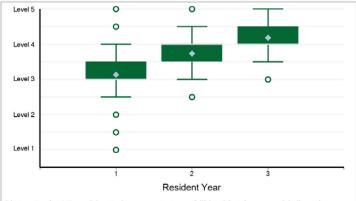
#### 6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...



Note: 7 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

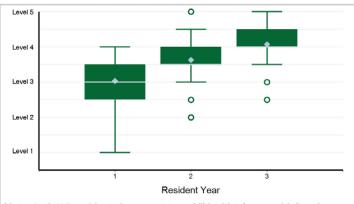
### SUBSPECIALTY: Pediatric Hematology Oncology

7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty



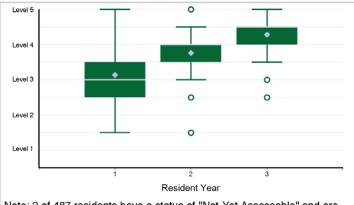
Note: 1 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality



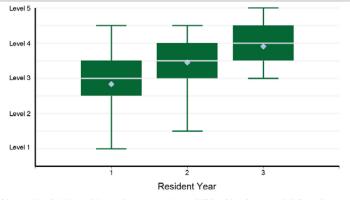
Note: 3 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise



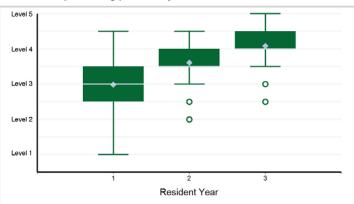
Note: 2 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...



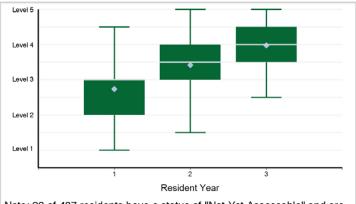
Note: 10 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



Note: 9 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

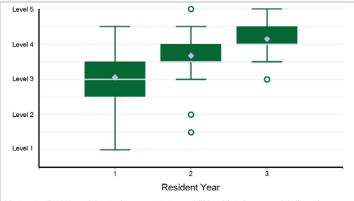
12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and  $\dots$ 



Note: 23 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

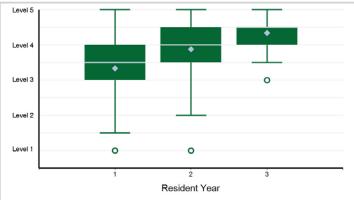
### SUBSPECIALTY: Pediatric Hematology Oncology

13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery



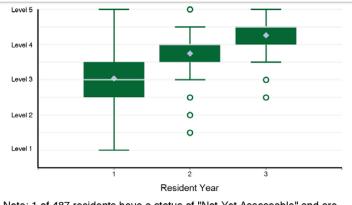
Note: 1 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining ...



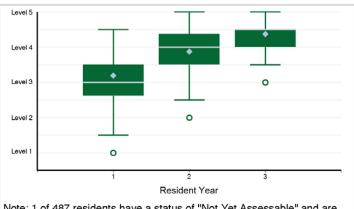
Note: 1 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment, ...



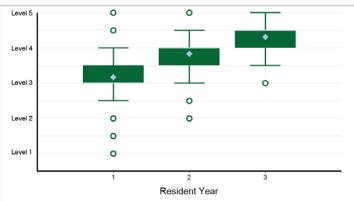
Note: 1 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...



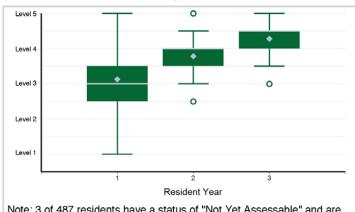
Note: 1 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients



Note: 1 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

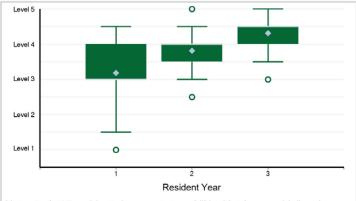
18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...



Note: 3 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

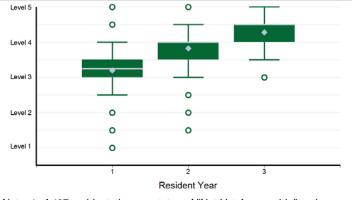
### SUBSPECIALTY: Pediatric Hematology Oncology

19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...



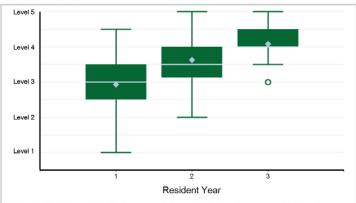
Note: 1 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care $\dots$



Note: 1 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals

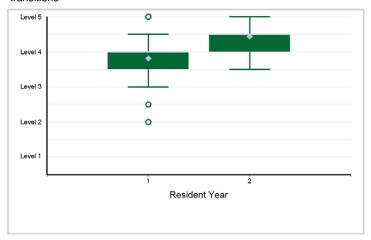


Note: 1 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

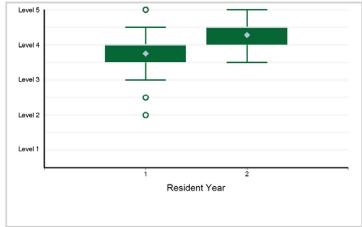
### TABLE 105: SUBSPECIALTY: Pediatric Hospital Medicine

Resident Year	1	2	Total Residents
# of Residents	92	73	165

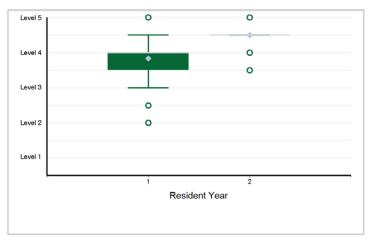
# 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



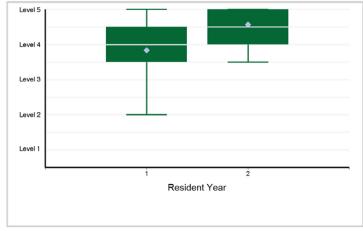
# 2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



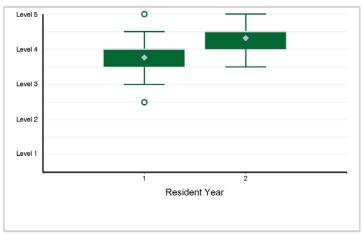
#### 3. Patient Care - PC3. Develop and carry out management plans



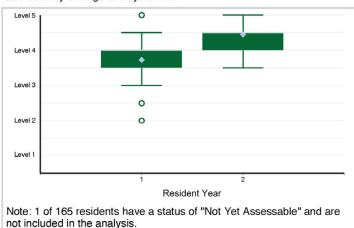
4. Patient Care - PC4. Provide appropriate role modeling



# 5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to $\dots$

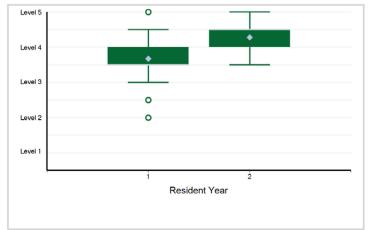


6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...

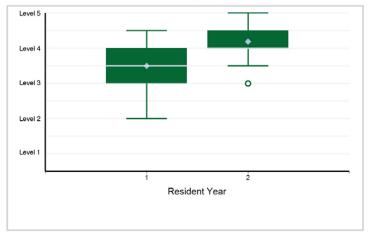


### SUBSPECIALTY: Pediatric Hospital Medicine

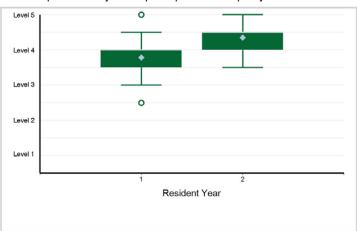
7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty



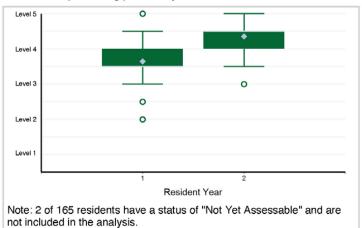
8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...



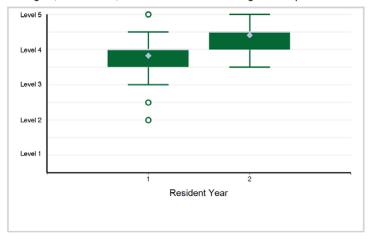
9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality



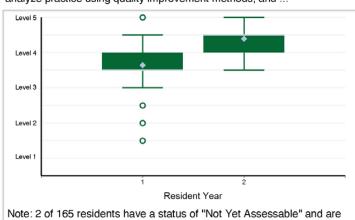
10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

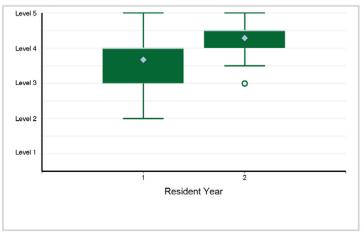


12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and ...

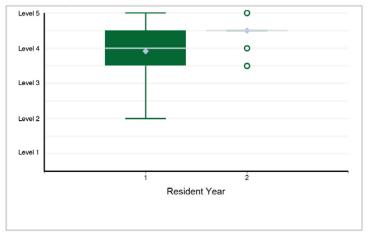


### SUBSPECIALTY: Pediatric Hospital Medicine

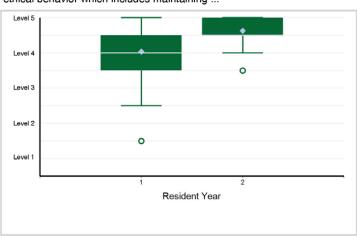
13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery



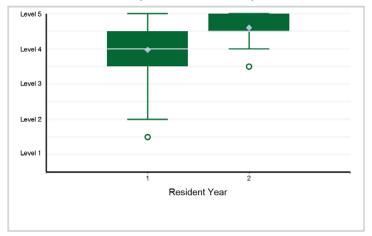
14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...



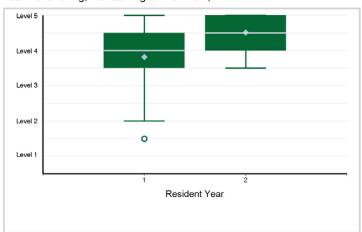
15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining  $\dots$ 



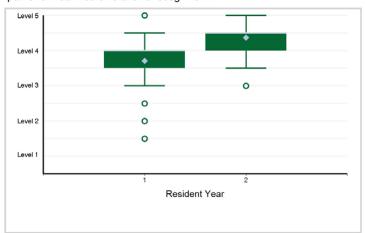
16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients



17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment, ...

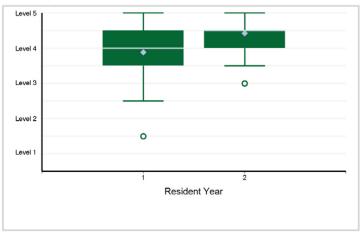


18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...

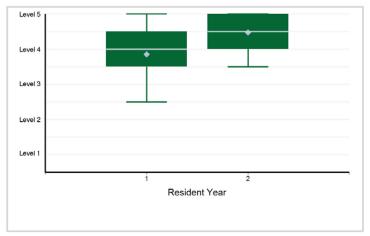


### SUBSPECIALTY: Pediatric Hospital Medicine

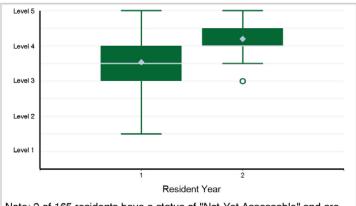
19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...



20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care  $\dots$ 



21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals

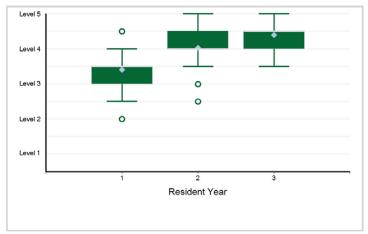


Note: 2 of 165 residents have a status of "Not Yet Assessable" and are not included in the analysis.

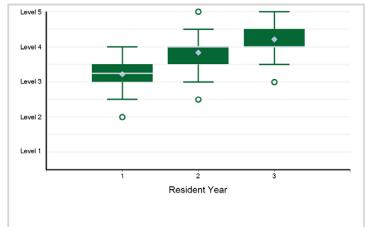
#### TABLE 106: SUBSPECIALTY: Pediatric Infectious Diseases

Resident Year	1	2	3	Total Residents
# of Residents	60	68	56	184

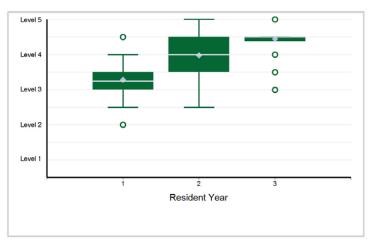
# 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



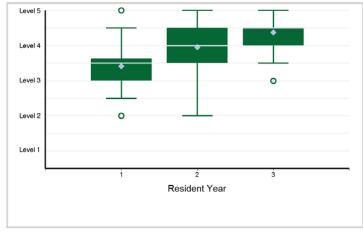
# 2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



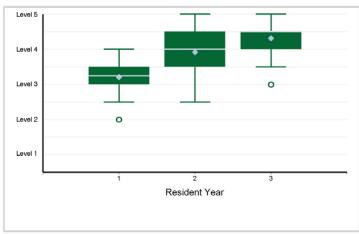
#### 3. Patient Care - PC3. Develop and carry out management plans



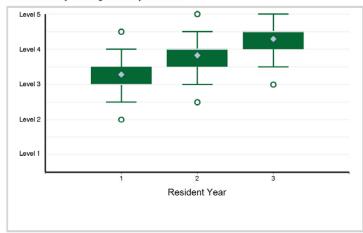
4. Patient Care - PC4. Provide appropriate role modeling



# 5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to ...

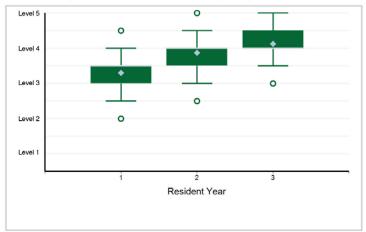


6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...

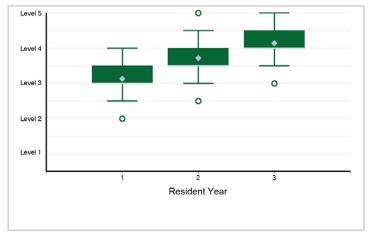


#### SUBSPECIALTY: Pediatric Infectious Diseases

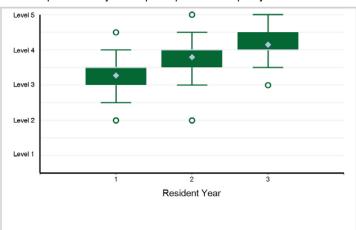
7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty



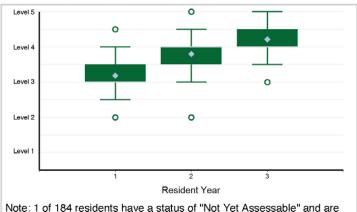
8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...



9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality

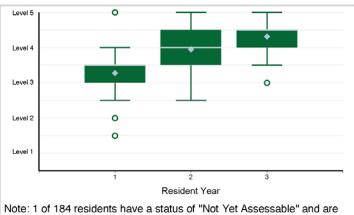


10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



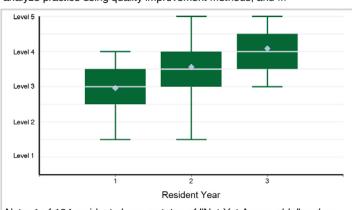
Note: 1 of 184 residents have a status of "Not Yet Assessable" and are not included in the analysis.

11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise



sessable" and are

12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and ...

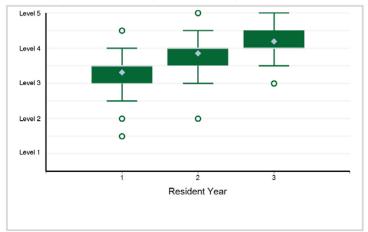


Note: 1 of 184 residents have a status of "Not Yet Assessable" and are not included in the analysis.

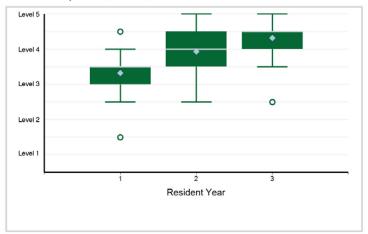
not included in the analysis.

### SUBSPECIALTY: Pediatric Infectious Diseases

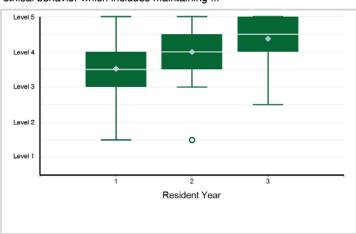
13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery



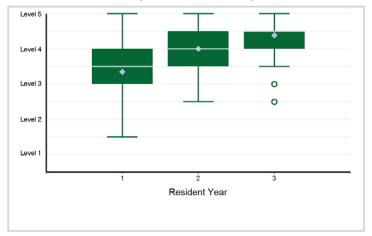
14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...



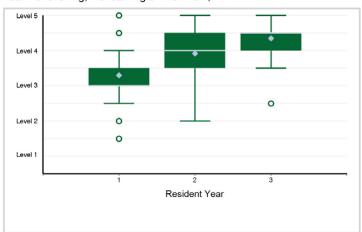
15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining  $\dots$ 



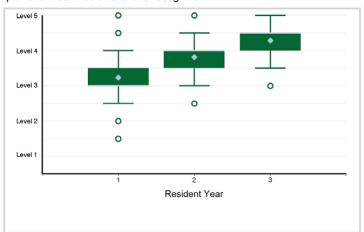
16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients



17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment, ...

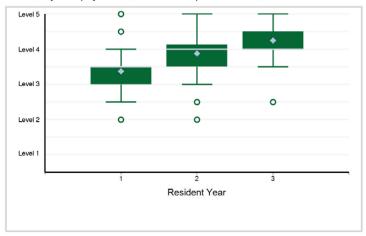


18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...

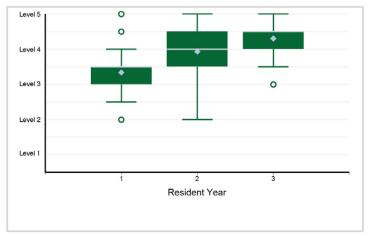


### SUBSPECIALTY: Pediatric Infectious Diseases

19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...



20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care  $\dots$ 



21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals

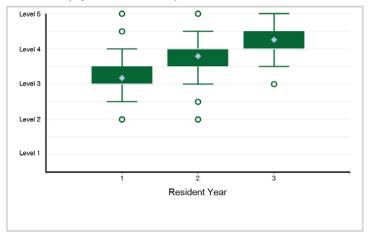
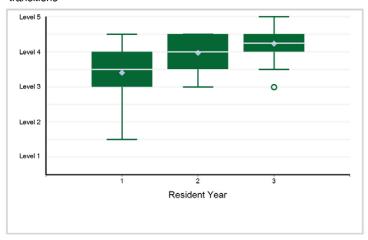


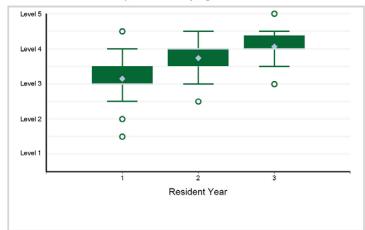
TABLE 107: SUBSPECIALTY: Pediatric Nephrology

Resident Year	1	2	3	Total Residents
# of Residents	62	42	30	134

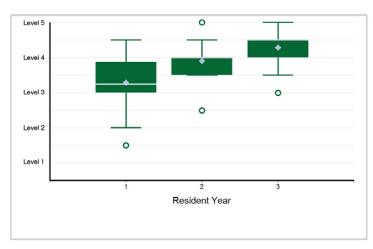
# 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



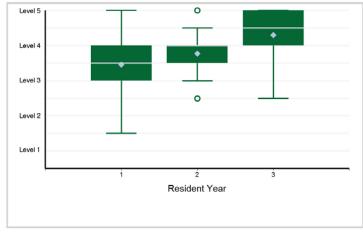
# 2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



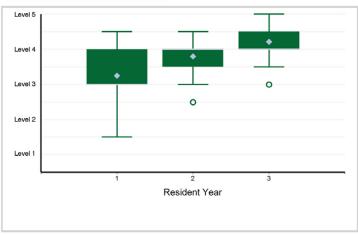
#### 3. Patient Care - PC3. Develop and carry out management plans



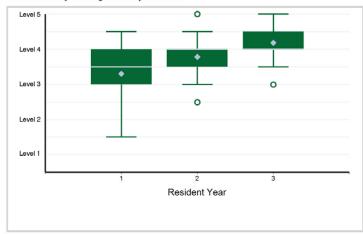
4. Patient Care - PC4. Provide appropriate role modeling



# 5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to ...

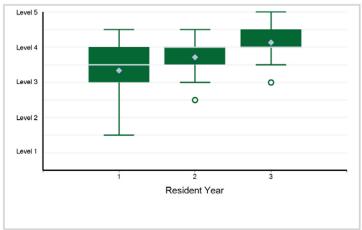


6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...

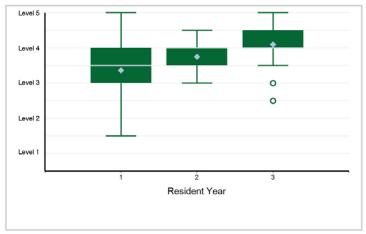


### SUBSPECIALTY: Pediatric Nephrology

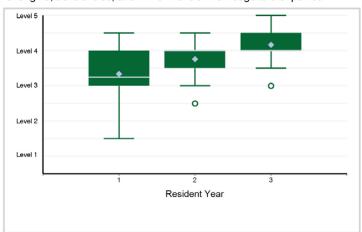
7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty



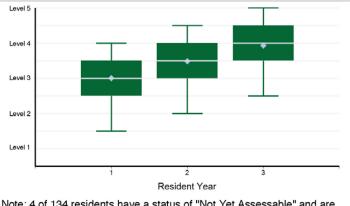
9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality



11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

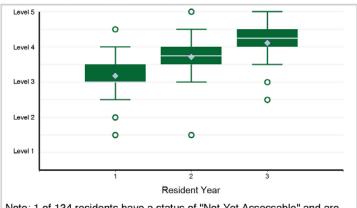


8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or  $\dots$ 



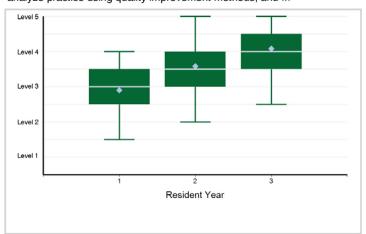
Note: 4 of 134 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



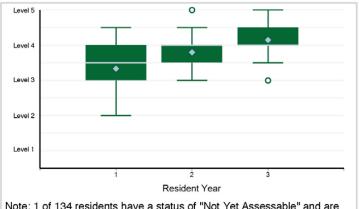
Note: 1 of 134 residents have a status of "Not Yet Assessable" and are not included in the analysis.

12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and ...



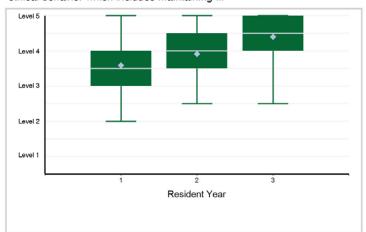
### SUBSPECIALTY: Pediatric Nephrology

13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery

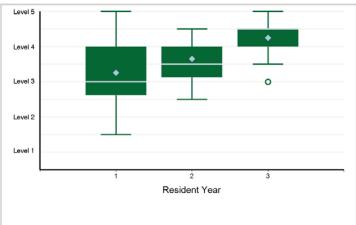


Note: 1 of 134 residents have a status of "Not Yet Assessable" and are not included in the analysis.

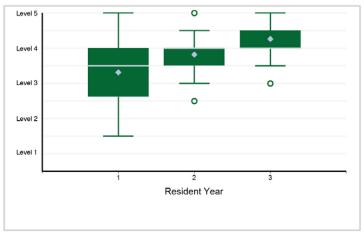
15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining ...



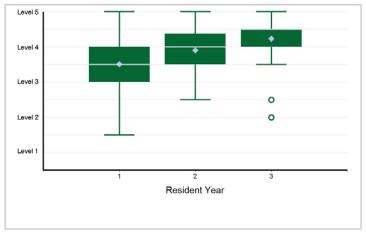
17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment,  $\dots$ 



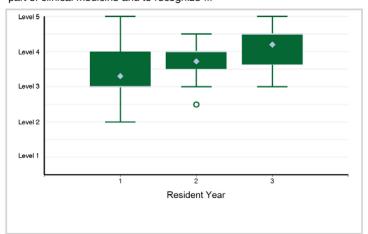
14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...



16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients

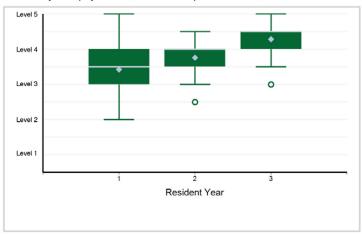


18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...

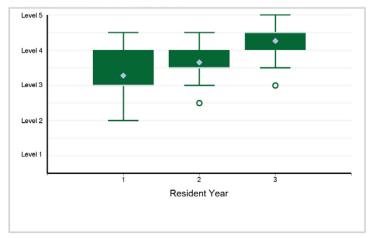


### SUBSPECIALTY: Pediatric Nephrology

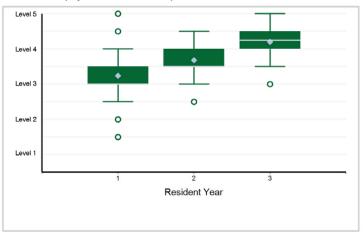
19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...



20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care  $\dots$ 



21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals

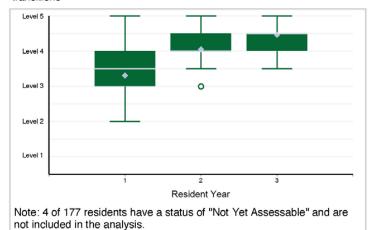


### TABLE 108: SUBSPECIALTY: Pediatric Pulmonology

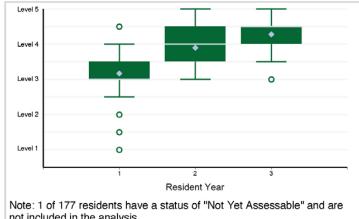
Resident Year	1	2	3	Total Residents*
# of Residents	69	59	58	186

<sup>\*</sup>Note: There are 9 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions

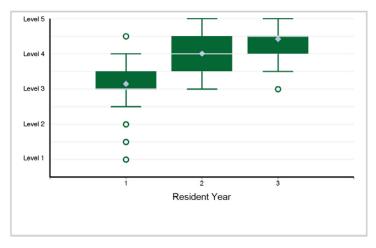


2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment

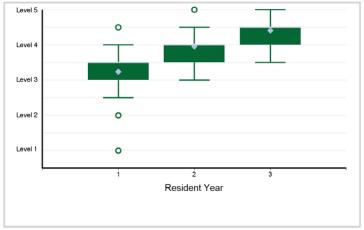


not included in the analysis.

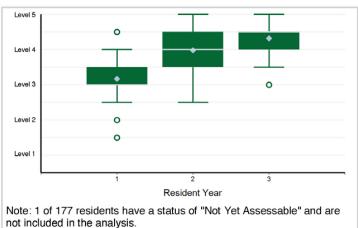
#### 3. Patient Care - PC3. Develop and carry out management plans



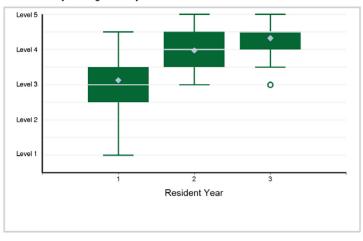
4. Patient Care - PC4. Provide appropriate role modeling



5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to ..

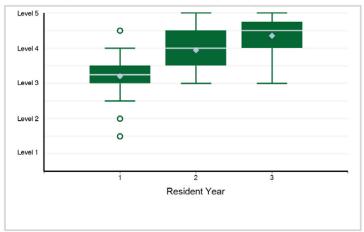


6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ..

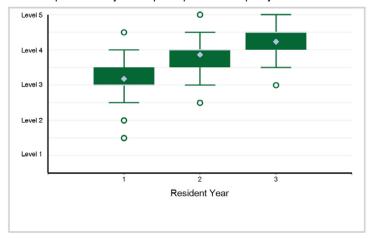


### SUBSPECIALTY: Pediatric Pulmonology

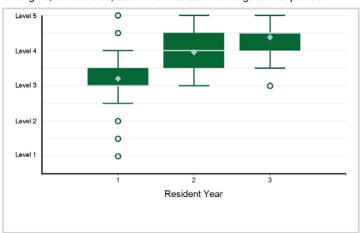
7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty



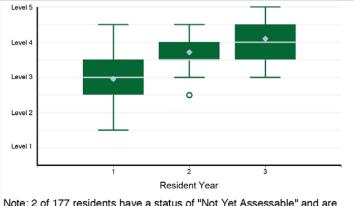
9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality



11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

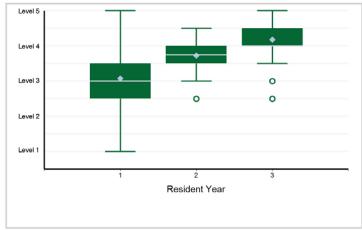


8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...

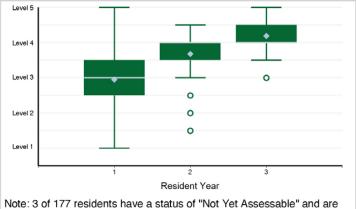


Note: 2 of 177 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



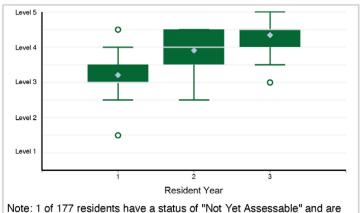
12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and ...



Note: 3 of 177 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SUBSPECIALTY: Pediatric Pulmonology

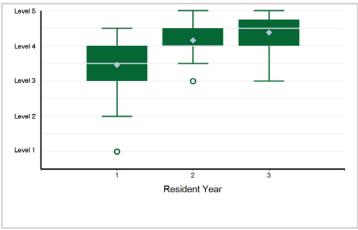
13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery  $\,$ 



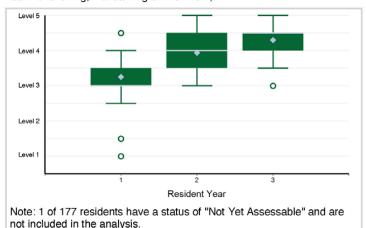
15. Professionalism - PROF1. Professional Conduct: High standards of

not included in the analysis.

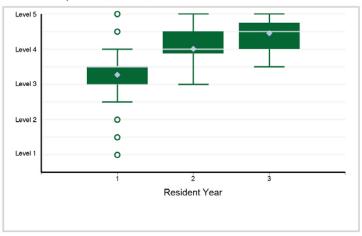
15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining  $\dots$ 



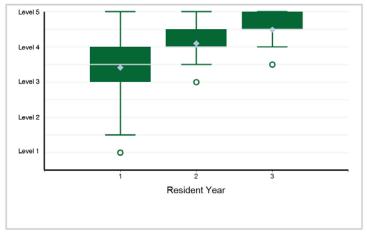
17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment,  $\dots$ 



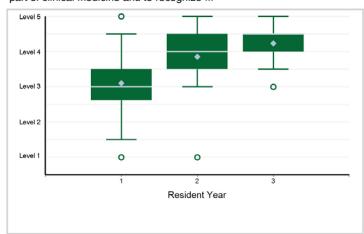
14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...



16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients

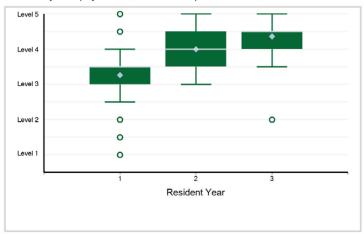


18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize  $\dots$ 

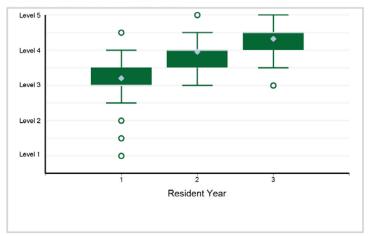


### SUBSPECIALTY: Pediatric Pulmonology

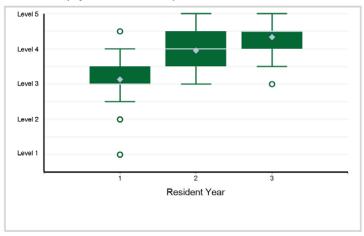
19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...



20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care  $\dots$ 



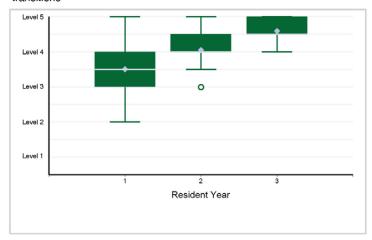
21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals



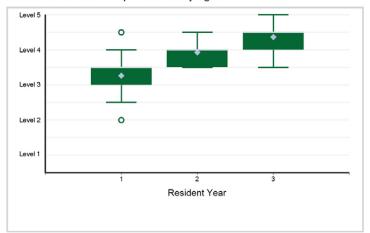
### TABLE 109: SUBSPECIALTY: Pediatric Rheumatology

Resident Year	1	2	3	Total Residents
# of Residents	41	36	26	103

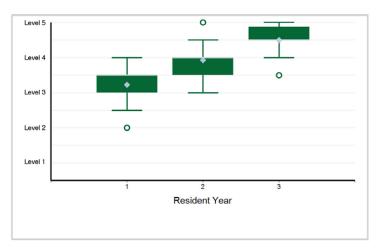
# 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



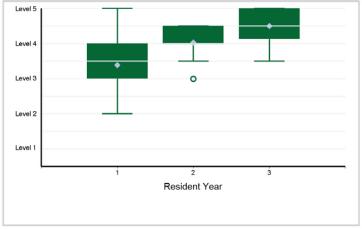
2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



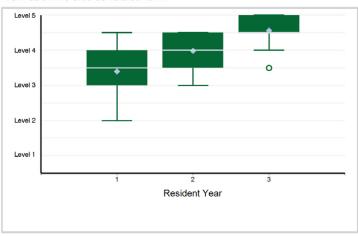
#### 3. Patient Care - PC3. Develop and carry out management plans



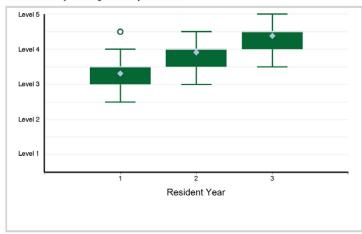
4. Patient Care - PC4. Provide appropriate role modeling



5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to ...

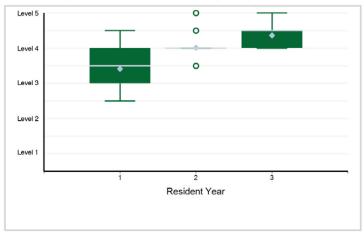


6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...

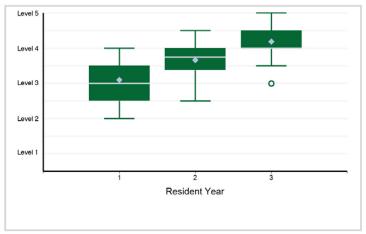


### SUBSPECIALTY: Pediatric Rheumatology

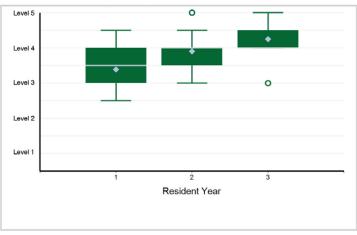
7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty



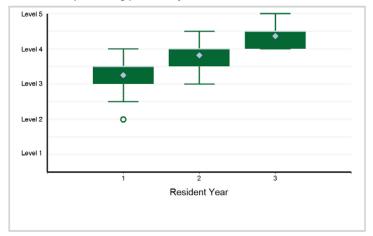
8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...



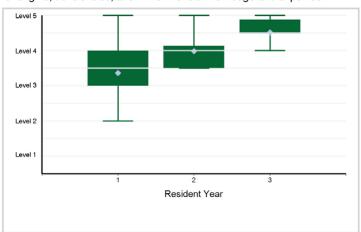
9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality  $\frac{1}{2} \left( \frac{1}{2} \right) = \frac{1}{2} \left( \frac{1}{2} \right) \left( \frac{1}{2}$ 



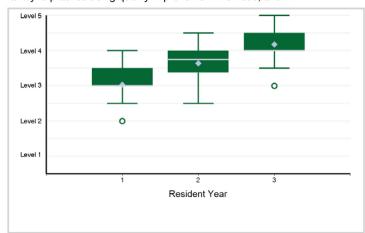
10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

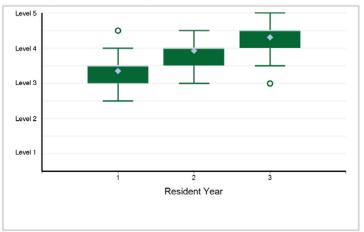


12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and ...

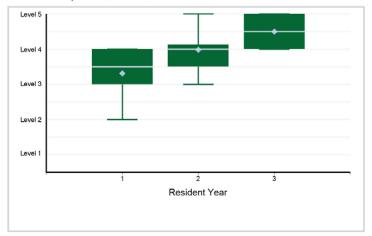


### SUBSPECIALTY: Pediatric Rheumatology

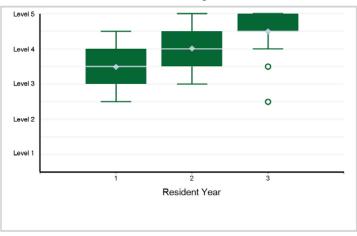
13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery



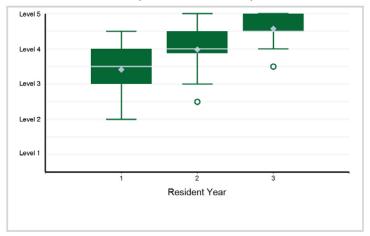
14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...



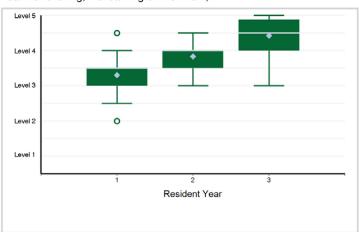
15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining  $\dots$ 



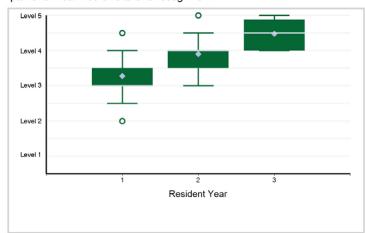
16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients



17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment, ...

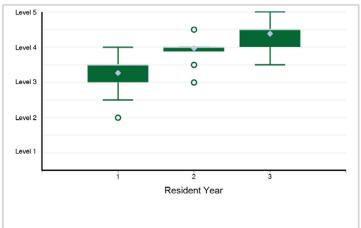


18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...

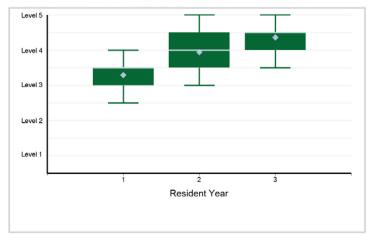


### SUBSPECIALTY: Pediatric Rheumatology

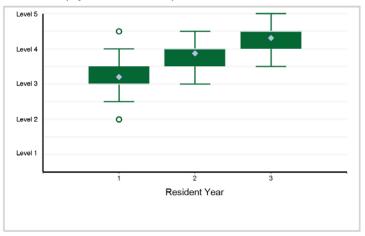
19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and  $\dots$ 



20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care  $\dots$ 



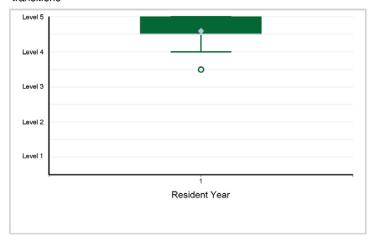
21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals



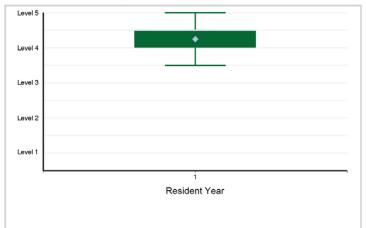
### TABLE 110: SUBSPECIALTY: Pediatric Transplant Hepatology

Resident Year	1	Total Residents
# of Residents	16	16

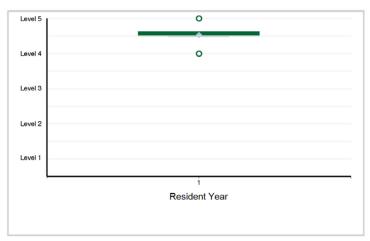
# 1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions



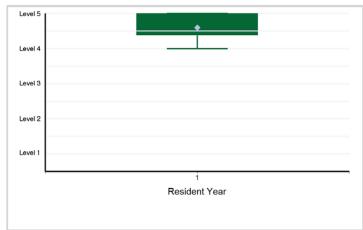
# 2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment



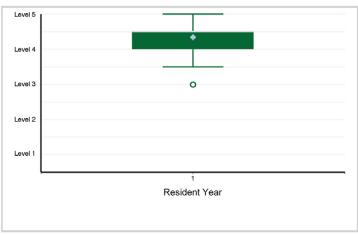
#### 3. Patient Care - PC3. Develop and carry out management plans



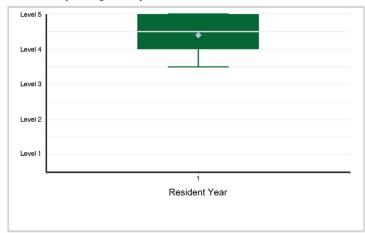
4. Patient Care - PC4. Provide appropriate role modeling



5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to  $\dots$ 

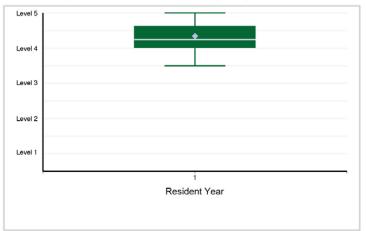


6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...

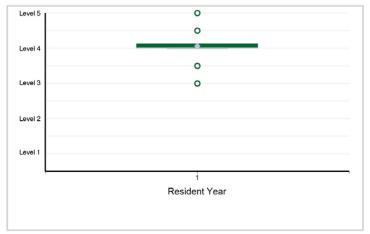


### SUBSPECIALTY: Pediatric Transplant Hepatology

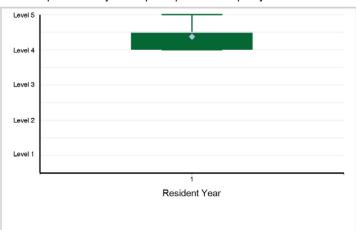
7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty



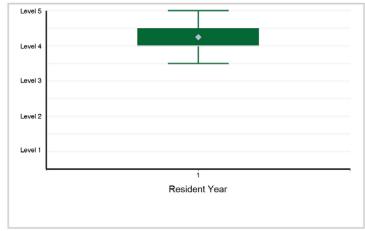
8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...



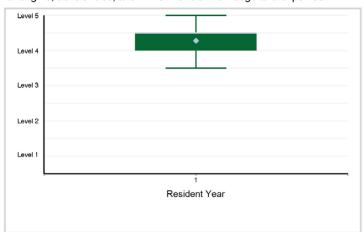
9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality



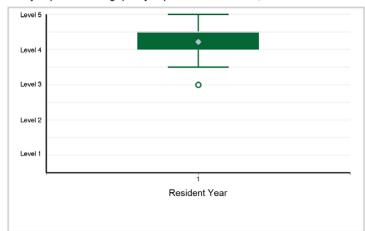
10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions



11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

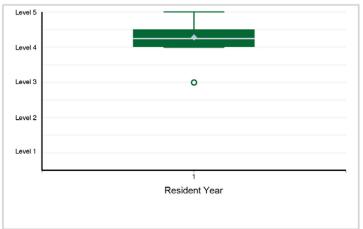


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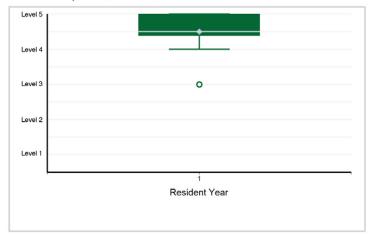


### SUBSPECIALTY: Pediatric Transplant Hepatology

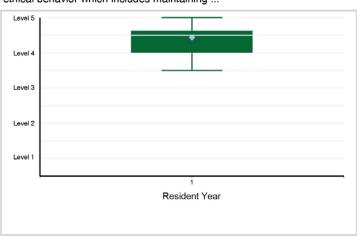
13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery  $\,$ 



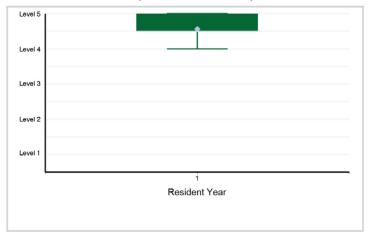
14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...



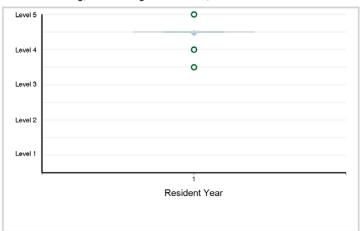
15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining  $\dots$ 



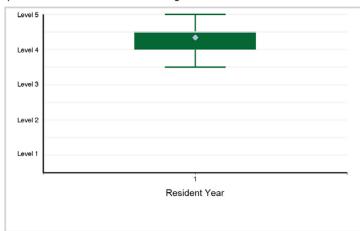
16. Professionalism - PROF2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients



17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment, ...

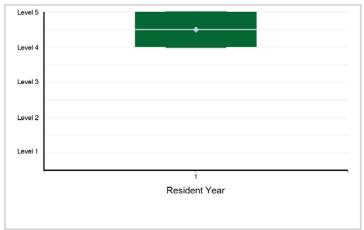


18. Professionalism - PROF4. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...

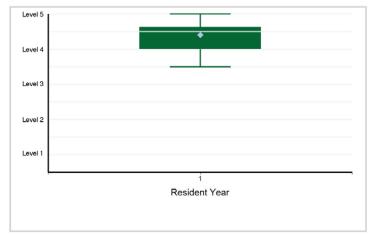


## SUBSPECIALTY: Pediatric Transplant Hepatology

19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and  $\dots$ 



20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care  $\dots$ 



21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals



### TABLE 111: SUBSPECIALTY: Sports Medicine (multidisciplinary, Pediatrics)

Resident Year	1	Total Residents
# of Residents	28	28

# 1. Patient Care - History and Physical Examination: Medical and Musculoskeletal — Patient Care 1



# 2. Patient Care - Medical Management: Differential Diagnosis, Diagnostic Testing, Interpretation of Data $\dots$



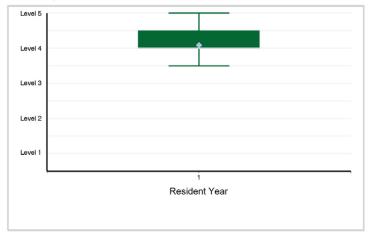
# 3. Patient Care - Team Coverage and Athletic Care: Coverage of Sporting Events, Pre-participation Physical ...



4. Medical Knowledge - Science of Sports Medicine, including Anatomy, Physiology, Cellular Biology, Epidemiology, ...



# 5. Medical Knowledge - Medical Issues in Sports Medicine — Medical Knowledge 2

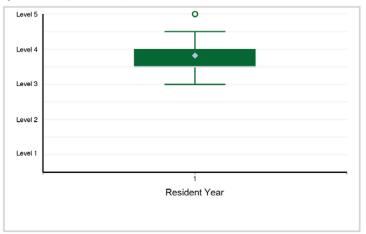


#### Medical Knowledge - Musculoskeletal Issues in Sports Medicine — Medical Knowledge 3

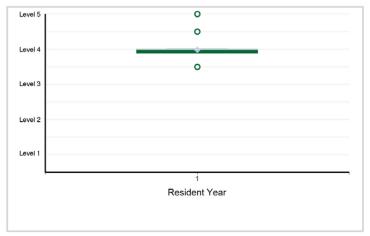


### SUBSPECIALTY: Sports Medicine (multidisciplinary, Pediatrics)

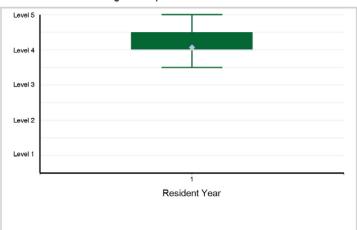
7. Systems-Based Practice - Working with Interprofessional Teams (consultants, certified athletic trainers ...



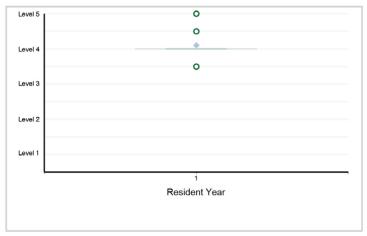
 Systems-Based Practice - Systems Thinking — Systems-Based Practice 2



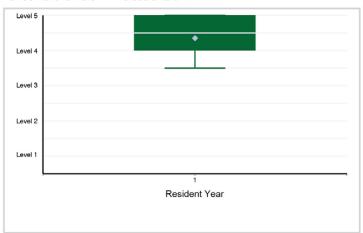
9. Practice-Based Learning and Improvement - Self-directed Learning — Practice-Based Learning and Improvement ...



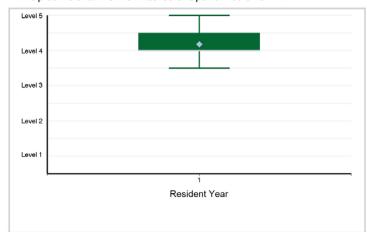
10. Practice-Based Learning and Improvement - Locate, Appraise, and Assimilate Evidence from Scientific ...



11. Professionalism - Compassion, Integrity, Accountability, and Respect for Self and Others — Professionalism 1



12. Professionalism - Knowledge about and Adherence to the Ethical Principles Relevant to the Practice of Sports Medicine — ...

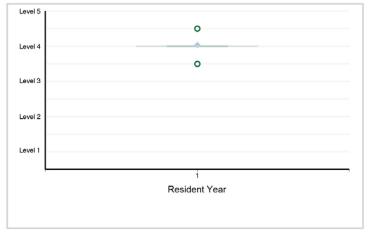


## SUBSPECIALTY: Sports Medicine (multidisciplinary, Pediatrics)

13. Interpersonal and Communication Skills - Relationship Development, Teamwork, and Managing Conflict —  $\dots$ 



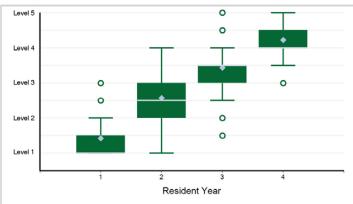
14. Interpersonal and Communication Skills - Information Sharing, Gathering, and Technology — Interpersonal ...



### TABLE 112: SPECIALTY: Physical Medicine and Rehabilitation

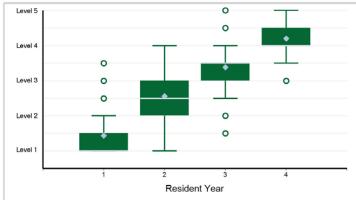
Resident Year	1	2	3	4	Total Residents
# of Residents	169	489	468	454	1,580

# 1. Patient Care - Patient Care 1: Physiatric History, Appropriate for Age and Impairment



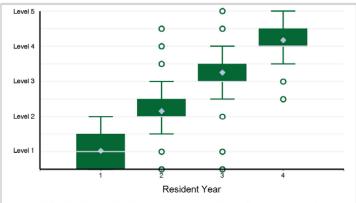
Note: 1 of 1,580 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 3. Patient Care - Patient Care 3: Medical Management (e.g., Inpatient, Outpatient, Consultative Settings)



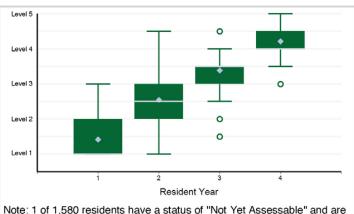
Note: 2 of 1,580 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 5. Patient Care - Patient Care 5: Procedural Skills: Joint and Soft Tissue Injections (e.g., Intra-articular, ...



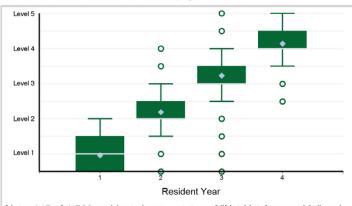
Note: 106 of 1,580 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### 2. Patient Care - Patient Care 2: Physical Examination



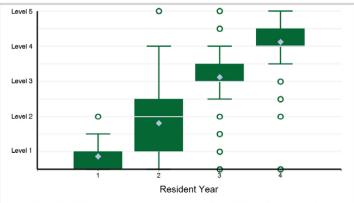
Note: 1 of 1,580 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 4. Patient Care - Patient Care 4: Procedural Skills: Injections for Abnormalities of Tone or Movement (e.g., ...



Note: 115 of 1,580 residents have a status of "Not Yet Assessable" and are not included in the analysis.

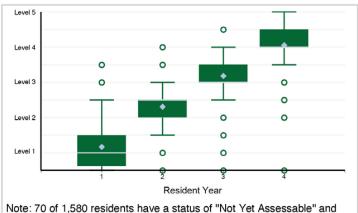
# 6. Patient Care - Patient Care 6: Procedural Skills: Electrodiagnostic Procedures (Planning, Performance, and Interpretation)



Note: 185 of 1,580 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SPECIALTY: Physical Medicine and Rehabilitation

7. Patient Care - Patient Care 7: Assistive Technologies (e.g., Prosthetics and Orthotics, Adaptive Equipment, ...

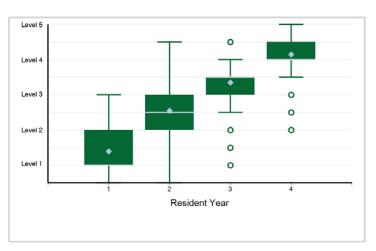


are not included in the analysis.

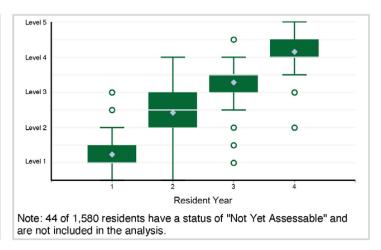
# 9. Medical Knowledge - Medical Knowledge 1: Foundational Principles of Physiatric Practice (Anatomy, Pathophysiology, ...

Level 3 Level 2 Level Resident Year Note: 10 of 1,580 residents have a status of "Not Yet Assessable" and are not included in the analysis.

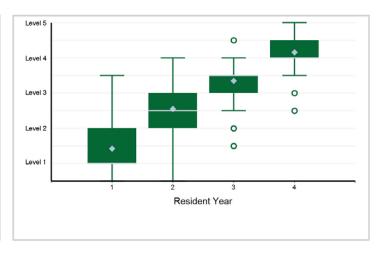
11. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



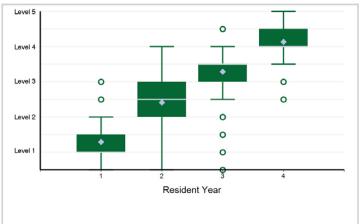
8. Patient Care - Patient Care 8: Rehabilitation Interventions



10. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

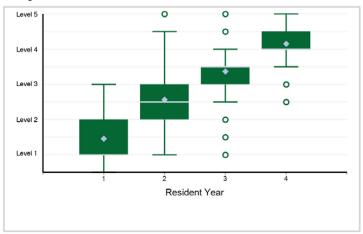


12. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement

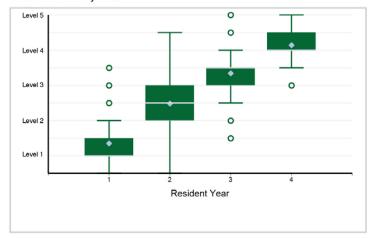


### SPECIALTY: Physical Medicine and Rehabilitation

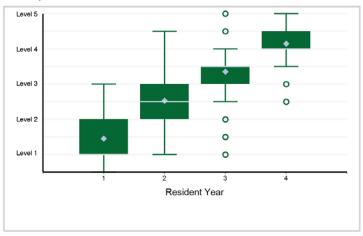
# 13. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care



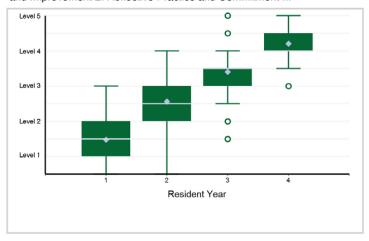
# 14. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



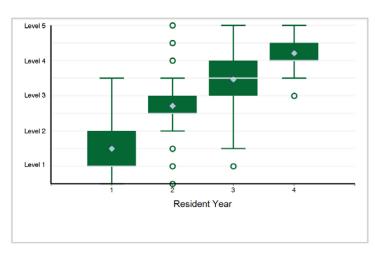
# 15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



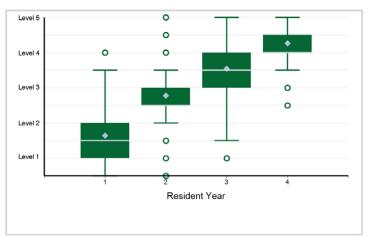
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



#### 17. Professionalism - Professionalism 1: Ethical Practice

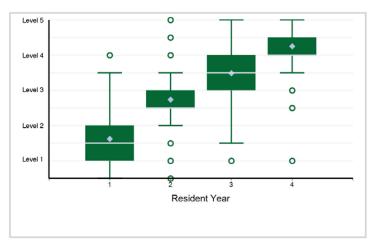


#### 18. Professionalism - Professionalism 2: Professional Behaviors

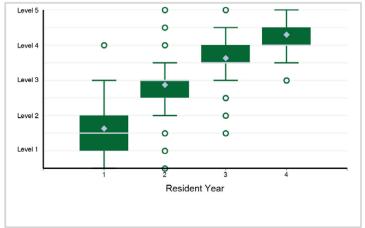


### SPECIALTY: Physical Medicine and Rehabilitation

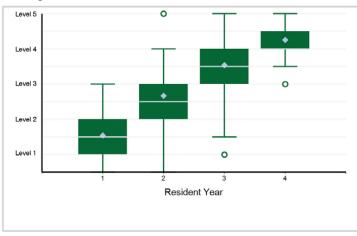
#### 19. Professionalism - Professionalism 3: Accountability



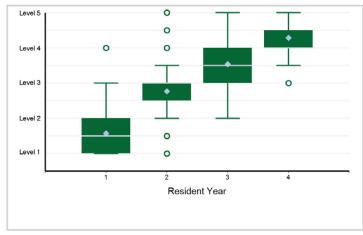
20. Professionalism - Professionalism 4: Patient Care Etiquette with Patients of All Abilities



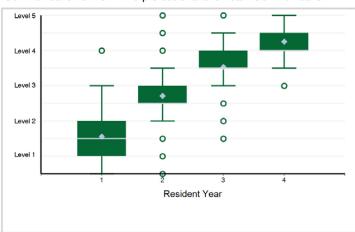
# 21. Professionalism - Professionalism 5: Resident Well-Being and Help-Seeking



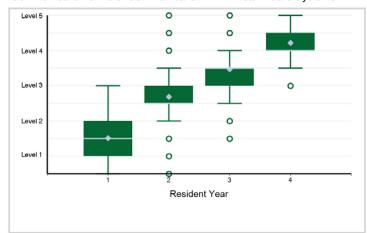
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



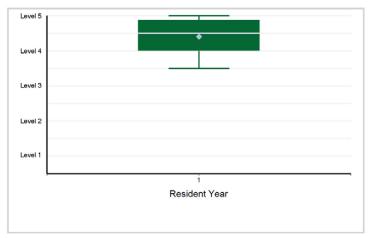
24. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



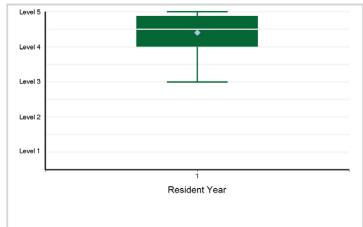
### TABLE 113: SUBSPECIALTY: Brain Injury Medicine (multidisciplinary, Physical Medicine and Rehabilitation)

Resident Year	1	Total Residents
# of Residents	26	26

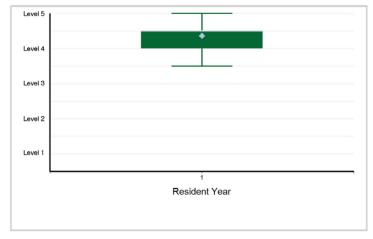
### 1. Patient Care - Patient Care 1: History



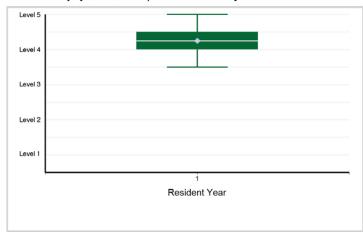
### 2. Patient Care - Patient Care 2: Physical Examination



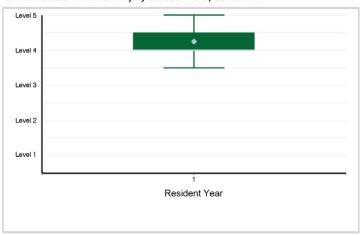
### 3. Patient Care - Patient Care 3: Spasticity Management



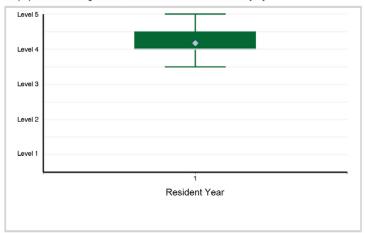
4. Patient Care - Patient Care 4: Evaluation and Diagnosis of Individuals with Brain Injury across the Spectrum of Severity



# 5. Patient Care - Patient Care 5: Medical/Neuropsychiatric Management of Individuals with Brain Injury across the Spectrum ...

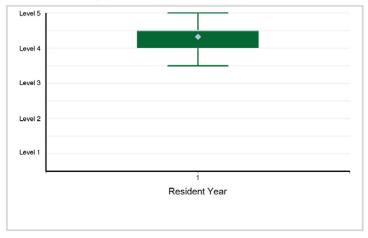


6. Patient Care - Patient Care 6: Therapy and Durable Medical Equipment Management of Individuals with Brain Injury

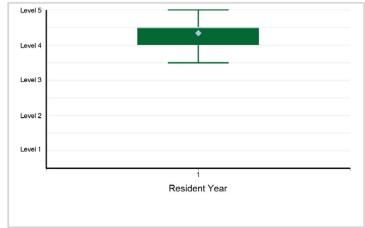


### SUBSPECIALTY: Brain Injury Medicine (multidisciplinary, Physical Medicine and Rehabilitation)

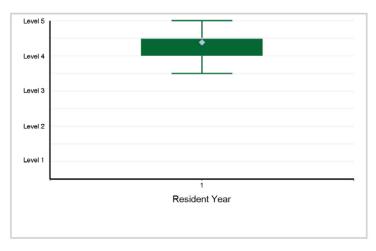
# 7. Medical Knowledge - Medical Knowledge 1: Traumatic and Non-Traumatic Brain Injury



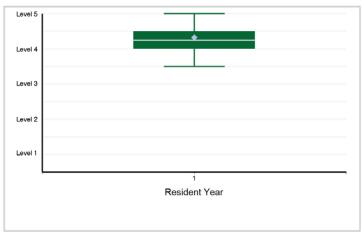
# 8. Medical Knowledge - Medical Knowledge 2: Functional Outcomes and Assessment across the Entire Spectrum of Brain Injury Severity



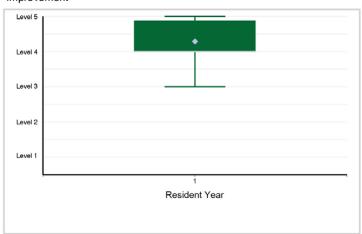
#### 9. Medical Knowledge - Medical Knowledge 3: Clinical Reasoning



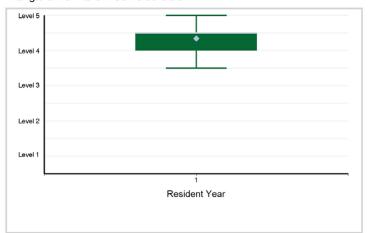
10. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



# 11. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement

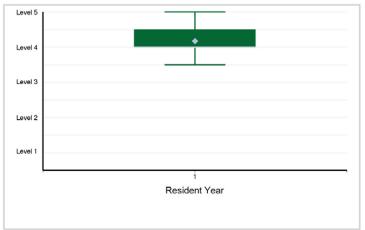


12. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care

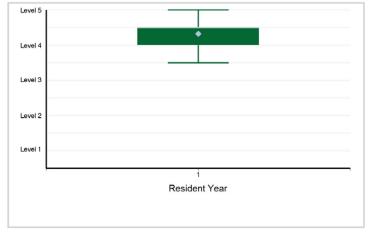


### SUBSPECIALTY: Brain Injury Medicine (multidisciplinary, Physical Medicine and Rehabilitation)

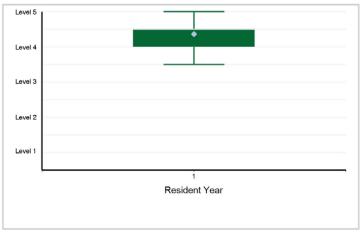
# 13. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



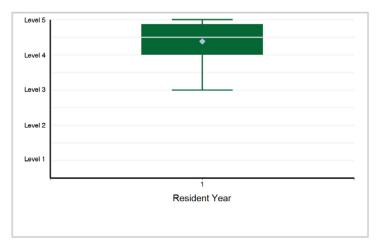
#### 14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



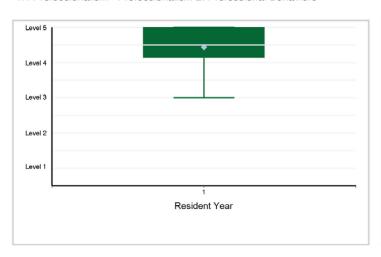
# 15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



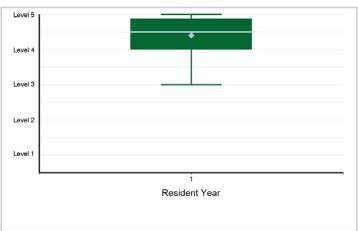
16. Professionalism - Professionalism 1: Ethics



### 17. Professionalism - Professionalism 2: Professional Behaviors

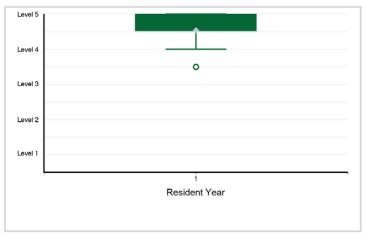


#### 18. Professionalism - Professionalism 3: Accountability

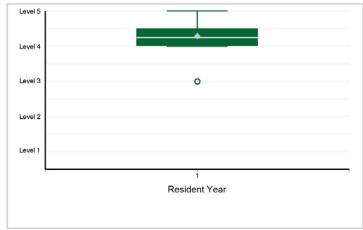


### SUBSPECIALTY: Brain Injury Medicine (multidisciplinary, Physical Medicine and Rehabilitation)

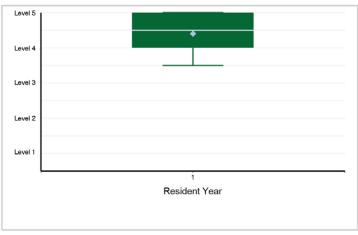
# 19. Professionalism - Professionalism 4: Patient Care Etiquette with Patients of All Abilities



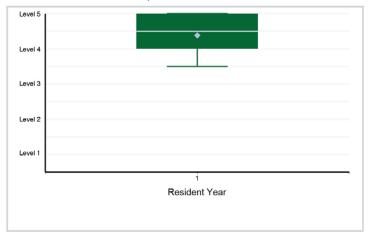
# 20. Professionalism - Professionalism 5: Fellow Well-Being and Help-Seeking



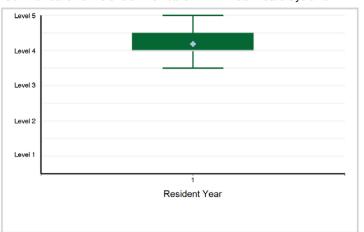
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



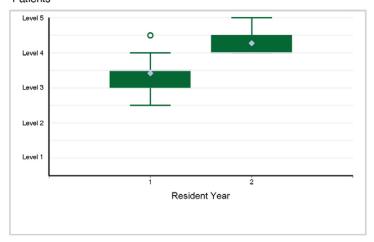
23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



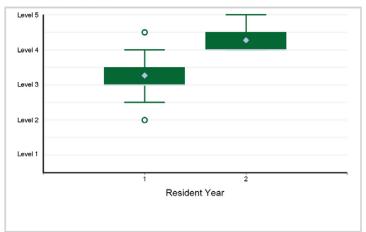
### TABLE 114: SUBSPECIALTY: Pediatric Rehabilitation Medicine

Resident Year	1	2	Total Residents
# of Residents	20	11	31

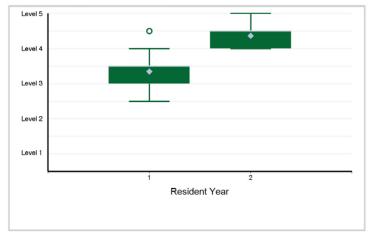
## 1. Patient Care - Patient Care 1: History for Pediatric Rehabilitation Patients



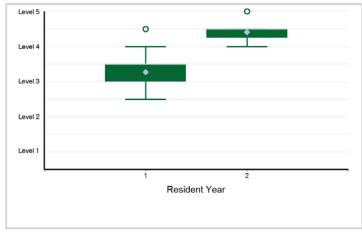
# 2. Patient Care - Patient Care 2: Physical Examination for Pediatric Rehabilitation Patients



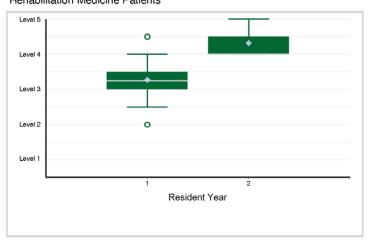
# 3. Patient Care - Patient Care 3: Differential Diagnosis of Pediatric Rehabilitation Medicine Patients



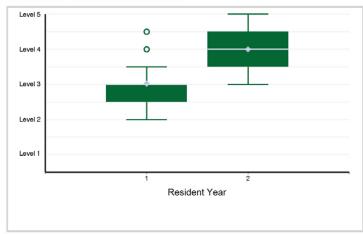
# 4. Patient Care - Patient Care 4: Diagnostic Evaluation of Pediatric Rehabilitation Medicine Patients



# 5. Patient Care - Patient Care 5: Medical Management of Pediatric Rehabilitation Medicine Patients

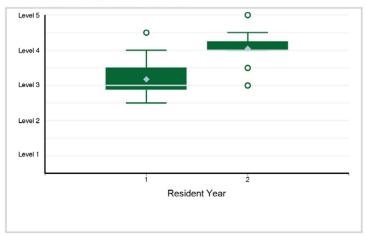


# 6. Patient Care - Patient Care 6: Rehabilitation/Functional Management of Pediatric Rehabilitation Medicine ...

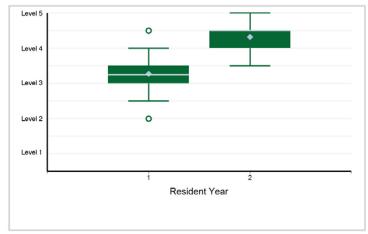


### SUBSPECIALTY: Pediatric Rehabilitation Medicine

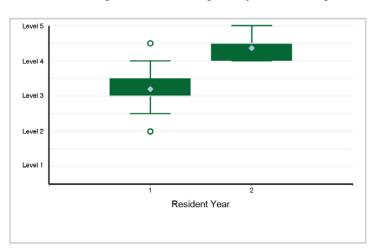
7. Patient Care - Patient Care 7: Rehabilitation/Functional Management of Pediatric Rehabilitation Medicine ...



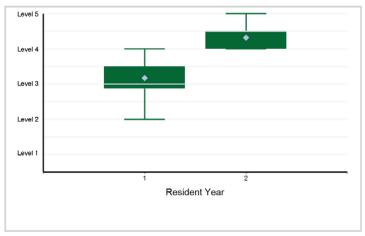
8. Patient Care - Patient Care 8: Procedural Skills in Pediatric Rehabilitation Medicine



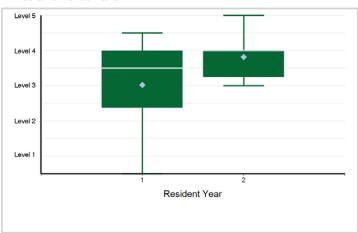
9. Medical Knowledge - Medical Knowledge 1: Physiatric Knowledge



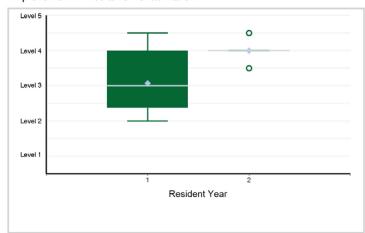
10. Medical Knowledge - Medical Knowledge 2: Growth and Development



11. Systems-Based Practice - Systems-Based Practice 1: Patient Safety in Pediatric Rehabilitation

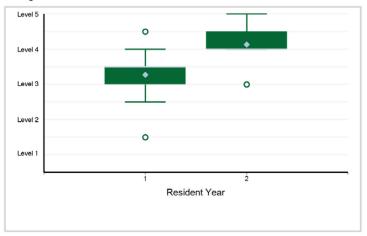


12. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement in Pediatric Rehabilitation

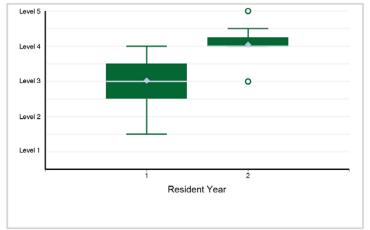


### SUBSPECIALTY: Pediatric Rehabilitation Medicine

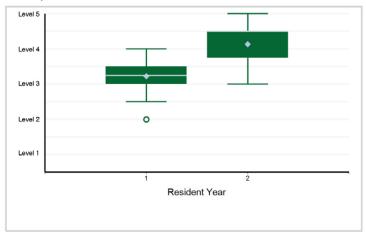
# 13. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care



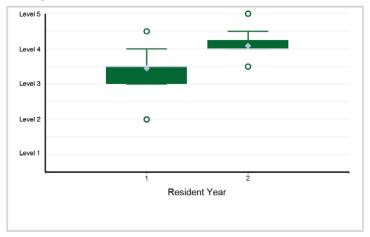
# 14. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



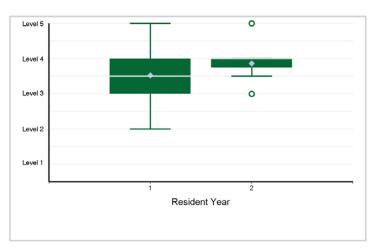
# 15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



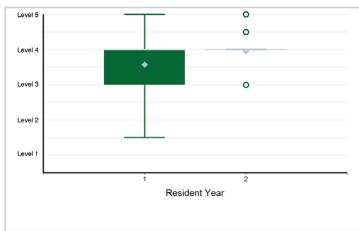
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



#### 17. Professionalism - Professionalism 1: Ethical Practice

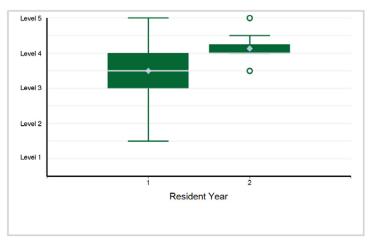


### 18. Professionalism - Professionalism 2: Professional Behaviors

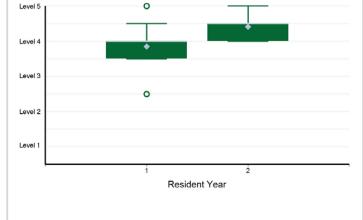


### SUBSPECIALTY: Pediatric Rehabilitation Medicine

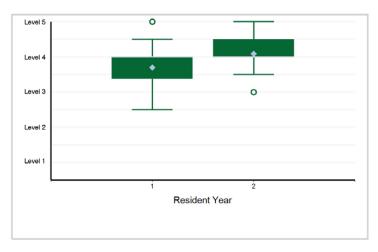
#### 19. Professionalism - Professionalism 3: Accountability



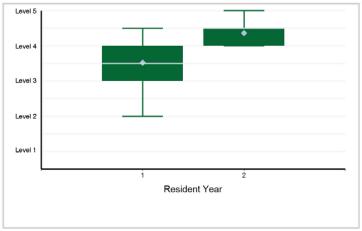
# 20. Professionalism - Professionalism 4: Patient Care Etiquette with Patients of All Abilities



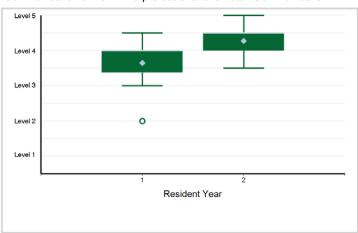
### 21. Professionalism - Professionalism 5: Well-Being and Help-Seeking



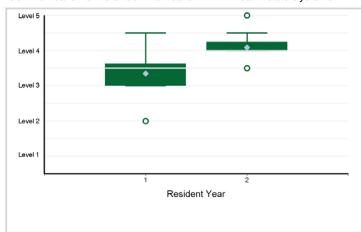
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



# 23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



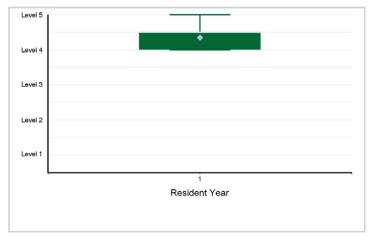
24. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



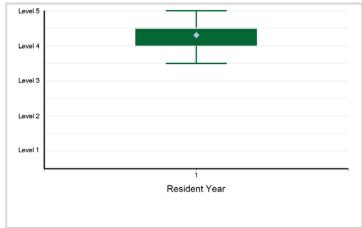
### TABLE 115: SUBSPECIALTY: Spinal Cord Injury Medicine

Resident Year	1	Total Residents
# of Residents	23	23

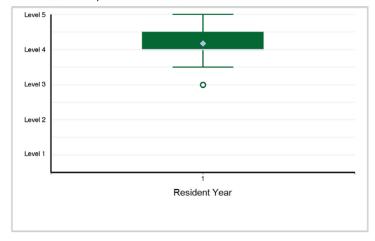
# 1. Patient Care - Patient Care 1:History of Individuals with Spinal Cord Disorders



# 2. Patient Care - Patient Care 2: Physical Examination of Individuals with Spinal Cord Disorders



# 3. Patient Care - Patient Care 3: Medical/Surgical Management of Individuals with Spinal Cord Disorders



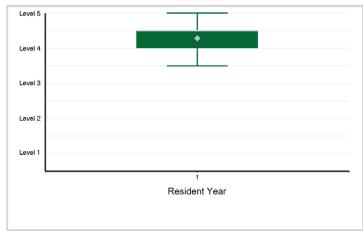
4. Patient Care - Patient Care 4: Assistive Technologies (e.g., Prosthetics and Orthotics, Adaptive Equipment, ...



#### 5. Patient Care - Patient Care 5: Rehabilitation Interventions

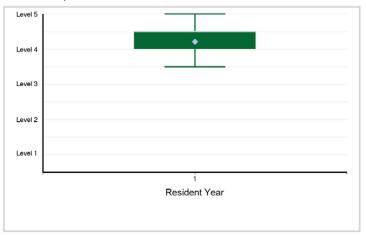


### 6. Medical Knowledge - Medical Knowledge 1: Clinical Reasoning

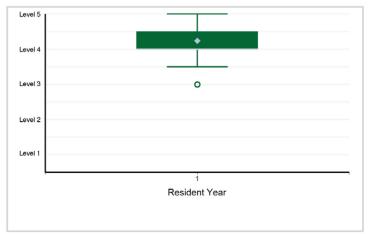


### SUBSPECIALTY: Spinal Cord Injury Medicine

7. Medical Knowledge - Medical Knowledge 2: Traumatic and Non-Traumatic Spinal Cord Disorders This includes: ...



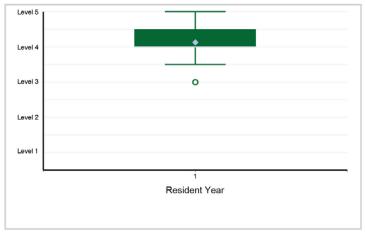
8. Medical Knowledge - Medical Knowledge 3: Functional Outcomes and Interventions



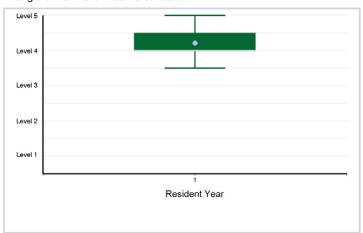
9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



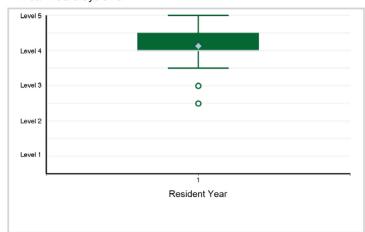
10. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement



11. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care

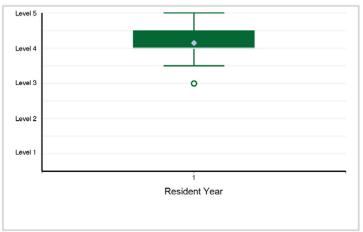


12. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems

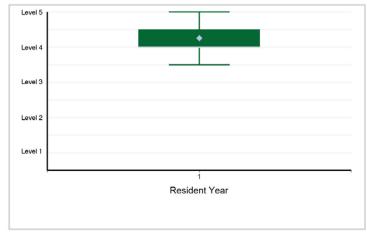


## SUBSPECIALTY: Spinal Cord Injury Medicine

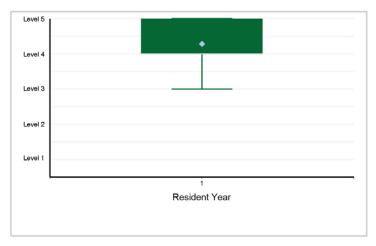
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



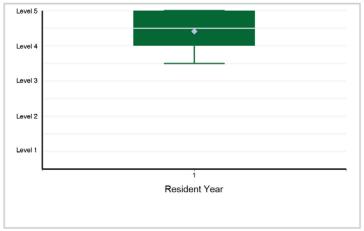
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



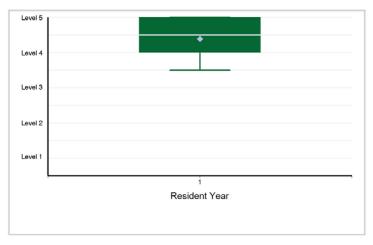
15. Professionalism - Professionalism 1: Ethical Practice



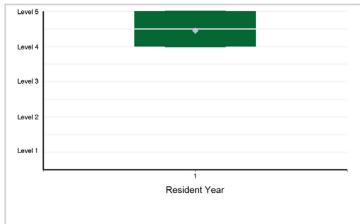
16. Professionalism - Professionalism 2: Professional Behaviors



17. Professionalism - Professionalism 3: Accountability

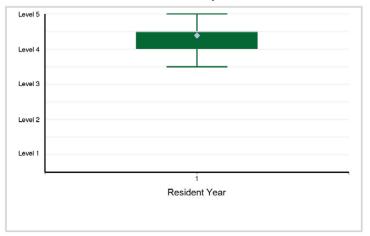


18. Professionalism - Professionalism 4: Patient Care Etiquette with Patients of All Abilities

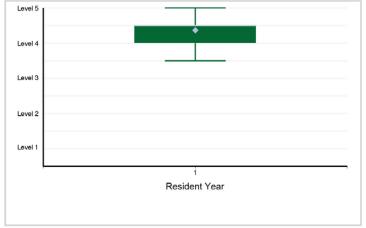


### SUBSPECIALTY: Spinal Cord Injury Medicine

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



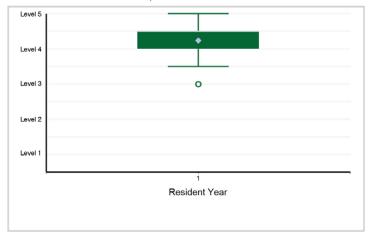
20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



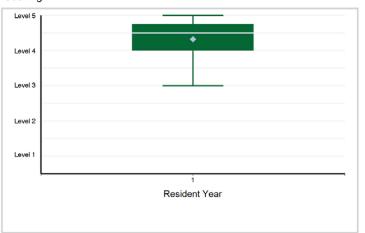
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Complex Communication ...



23. Professionalism - Professionalism 5: Fellow Well-Being and Help-Seeking

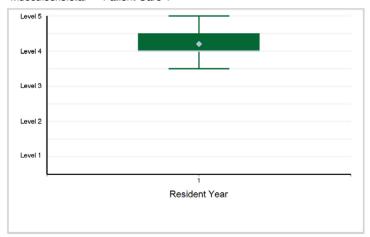


## TABLE 116: SUBSPECIALTY: Sports Medicine (multidisciplinary, Physical Medicine and Rehabilitation)

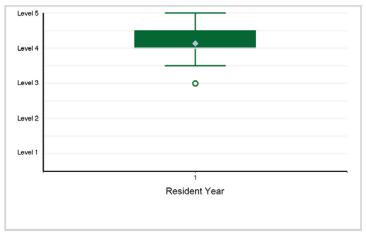
Resident Year	1	Total Residents*
# of Residents	40	40

<sup>\*</sup>Note: There are 3 residents with an incomplete milestone evaluation that are excluded from the box plots below.

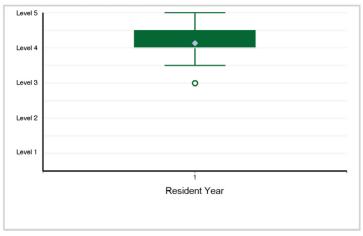
# 1. Patient Care - History and Physical Examination: Medical and Musculoskeletal — Patient Care 1



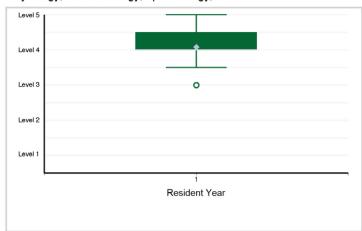
2. Patient Care - Medical Management: Differential Diagnosis, Diagnostic Testing, Interpretation of Data ...



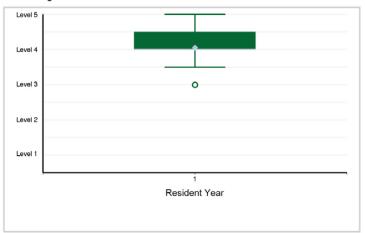
3. Patient Care - Team Coverage and Athletic Care: Coverage of Sporting Events, Pre-participation Physical ...



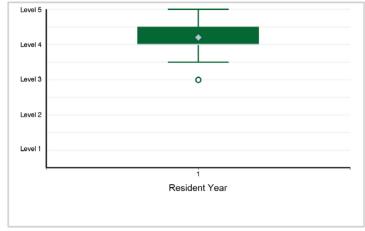
 Medical Knowledge - Science of Sports Medicine, including Anatomy, Physiology, Cellular Biology, Epidemiology, ...



 Medical Knowledge - Medical Issues in Sports Medicine — Medical Knowledge 2

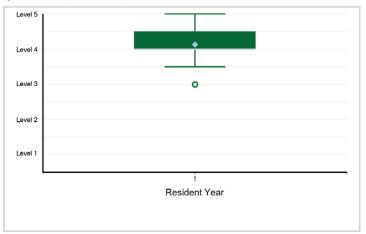


 Medical Knowledge - Musculoskeletal Issues in Sports Medicine — Medical Knowledge 3

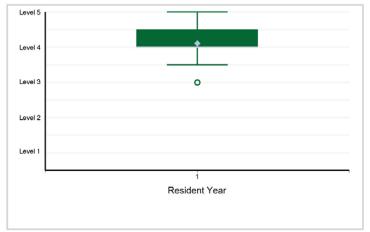


### SUBSPECIALTY: Sports Medicine (multidisciplinary, Physical Medicine and Rehabilitation)

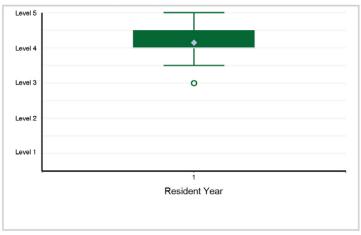
7. Systems-Based Practice - Working with Interprofessional Teams (consultants, certified athletic trainers ...



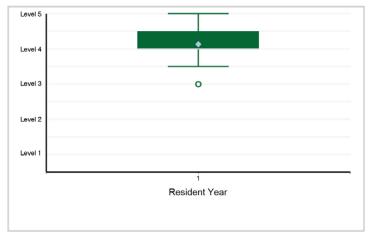
8. Systems-Based Practice - Systems Thinking — Systems-Based Practice 2



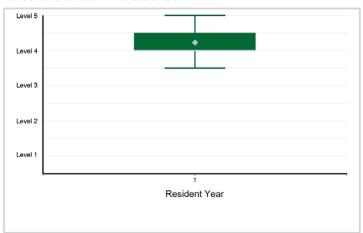
9. Practice-Based Learning and Improvement - Self-directed Learning — Practice-Based Learning and Improvement ...



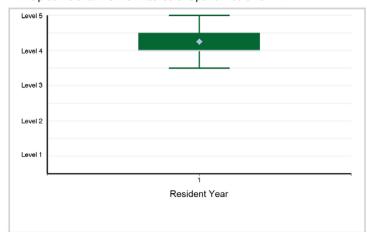
 Practice-Based Learning and Improvement - Locate, Appraise, and Assimilate Evidence from Scientific ...



11. Professionalism - Compassion, Integrity, Accountability, and Respect for Self and Others — Professionalism 1

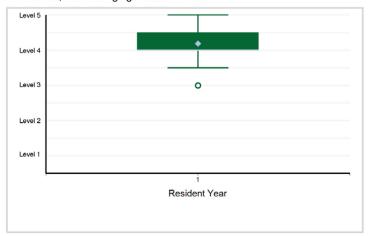


12. Professionalism - Knowledge about and Adherence to the Ethical Principles Relevant to the Practice of Sports Medicine — ...

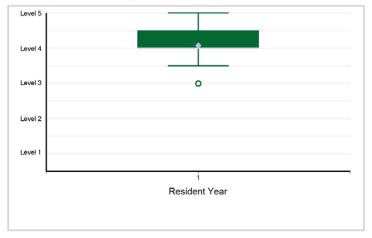


## SUBSPECIALTY: Sports Medicine (multidisciplinary, Physical Medicine and Rehabilitation)

13. Interpersonal and Communication Skills - Relationship Development, Teamwork, and Managing Conflict — ...



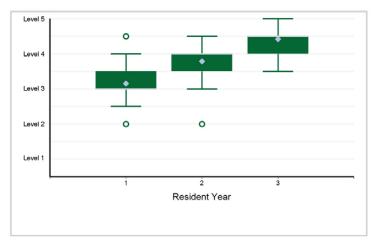
14. Interpersonal and Communication Skills - Information Sharing, Gathering, and Technology — Interpersonal ...



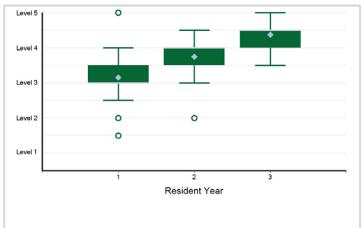
### TABLE 117: SPECIALTY: Plastic Surgery - Independent

Resident Year	1	2	3	Total Residents
# of Residents	68	66	69	203

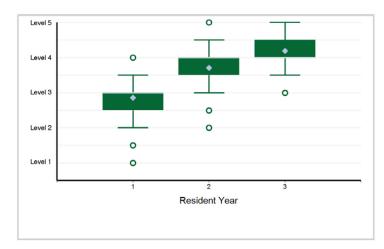
### 1. Patient Care - Surgical Care - Patient Care



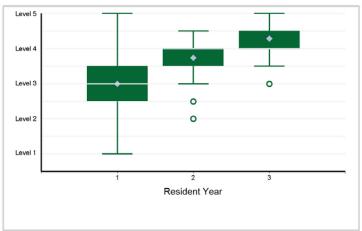
### 2. Medical Knowledge - Surgical Care — Medical Knowledge



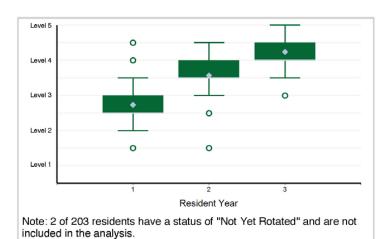
#### 3. Patient Care - Wound Care - Patient Care



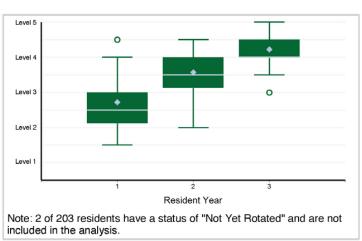
4. Medical Knowledge - Wound Care — Medical Knowledge



#### 5. Patient Care - Tissue Transfer — Patient Care

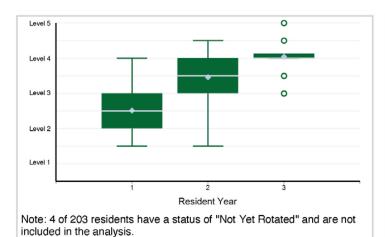


6. Medical Knowledge - Tissue Transfer — Medical Knowledge

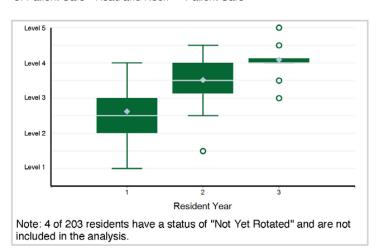


### SPECIALTY: Plastic Surgery - Independent

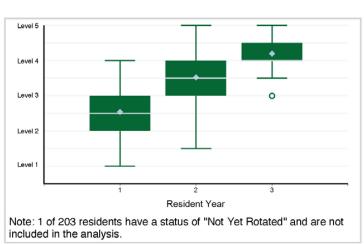
#### 7. Patient Care - Congenital Anomalies - Patient Care



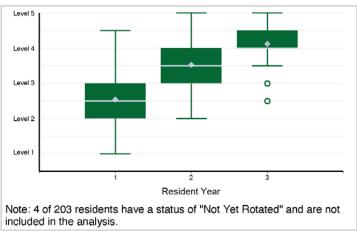
### 9. Patient Care - Head and Neck - Patient Care



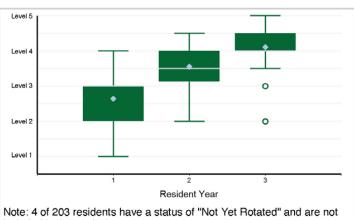
#### 11. Patient Care - Maxillofacial Trauma - Patient Care



#### 8. Medical Knowledge - Congenital Anomalies — Medical Knowledge

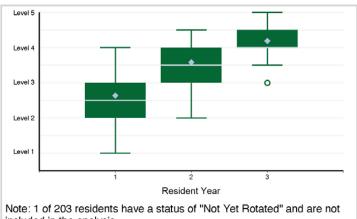


#### 10. Medical Knowledge - Head and Neck - Medical Knowledge



included in the analysis.

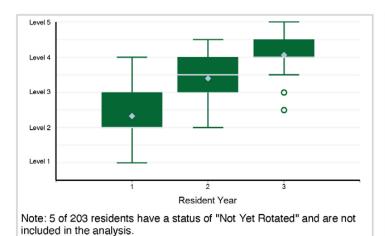
#### 12. Medical Knowledge - Maxillofacial Trauma — Medical Knowledge



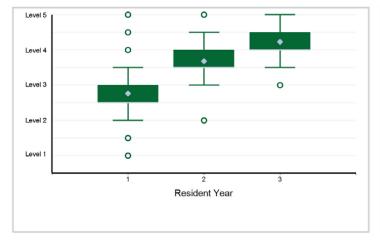
included in the analysis.

### **SPECIALTY: Plastic Surgery - Independent**

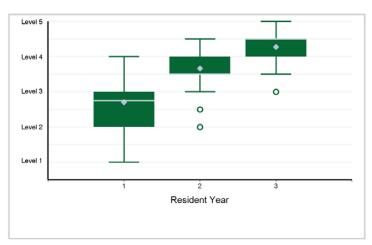
#### 13. Patient Care - Facial Aesthetics - Patient Care



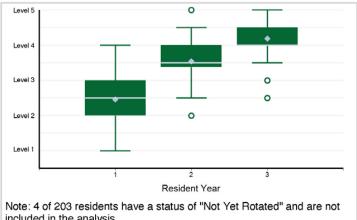
# 15. Patient Care - Non-Cancer Breast Surgery — Patient Care



## 17. Patient Care - Breast Reconstruction - Patient Care

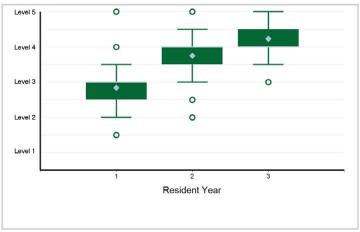


#### 14. Medical Knowledge - Facial Aesthetics — Medical Knowledge

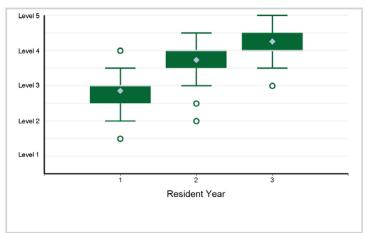


included in the analysis.

#### 16. Medical Knowledge - Non-Cancer Breast Surgery — Medical Knowledge

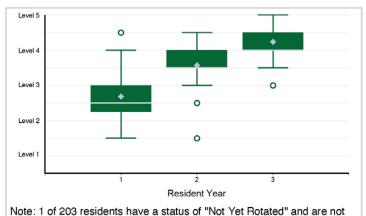


#### 18. Medical Knowledge - Breast Reconstruction — Medical Knowledge



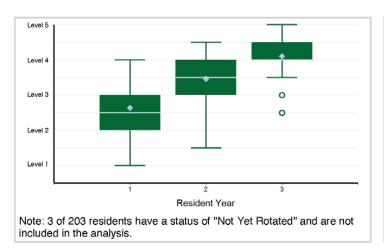
### **SPECIALTY: Plastic Surgery - Independent**

#### 19. Patient Care - Reconstruction of the Trunk and Perineum — Patient Care

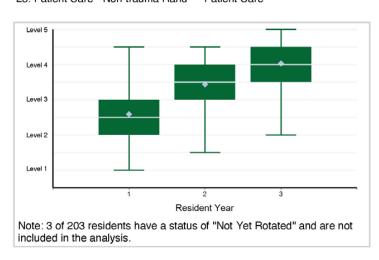


### 21. Patient Care - Upper Extremity Trauma - Patient Care

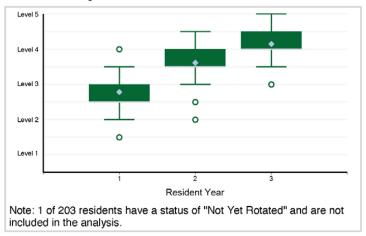
included in the analysis.



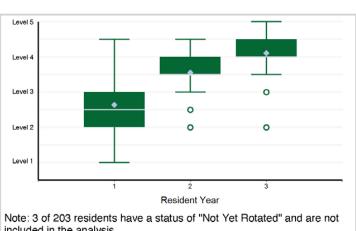
### 23. Patient Care - Non-trauma Hand — Patient Care



#### 20. Medical Knowledge - Reconstruction of Trunk and Perineum — Medical Knowledge

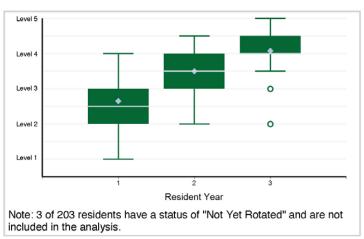


#### 22. Medical Knowledge - Upper Extremity Trauma — Medical Knowledge



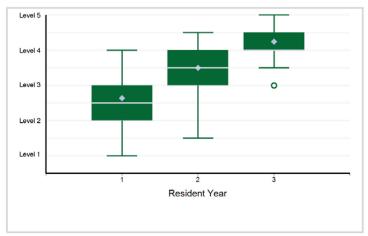
included in the analysis.

#### 24. Medical Knowledge - Non-trauma Hand — Medical Knowledge

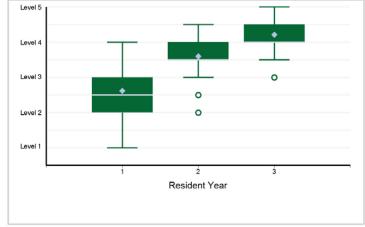


### SPECIALTY: Plastic Surgery - Independent

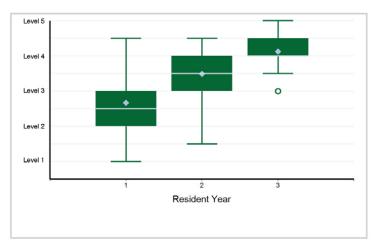
### 25. Patient Care - Cosmetic Trunk and Lower Extremity — Patient Care



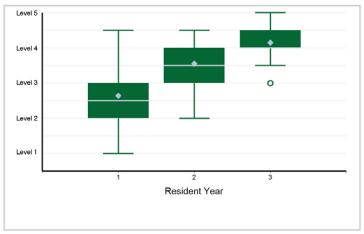
26. Medical Knowledge - Cosmetic Trunk and Lower Extremity — Medical Knowledge



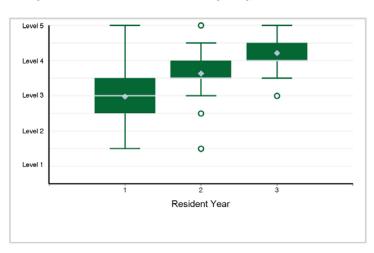
27. Patient Care - Lower Extremity — Patient Care



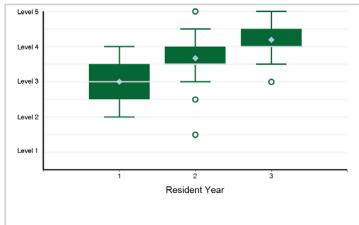
28. Medical Knowledge - Lower Extremity — Medical Knowledge



29. Systems-Based Practice - Patient Safety — Systems-Based Practice

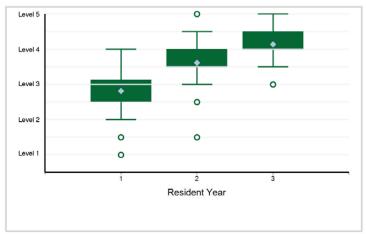


30. Systems-Based Practice - Resource Allocation — Systems-Based Practice

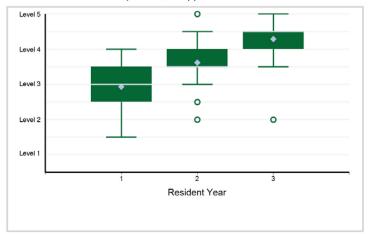


### **SPECIALTY: Plastic Surgery - Independent**

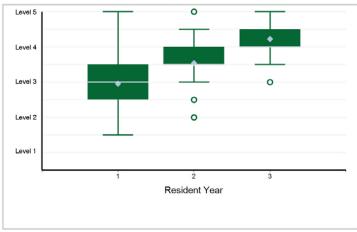
# 31. Systems-Based Practice - Practice Management — Systems-Based Practice



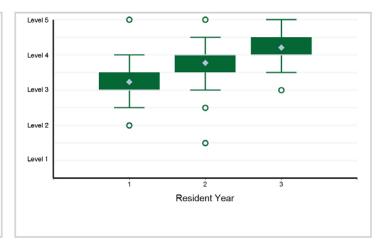
# 32. Practice-Based Learning and Improvement - The ability to investigate and evaluate the care of patients, to appraise and ...



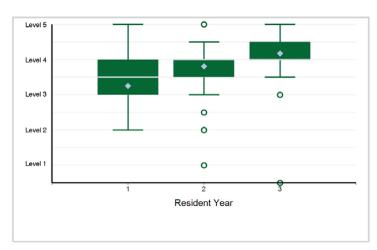
# 33. Practice-Based Learning and Improvement - Research and Teaching — Practice-Based Learning and Improvement



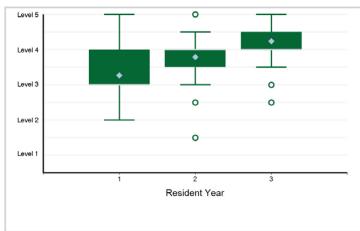
34. Professionalism - Ethics and Values — Professionalism



#### 35. Professionalism - Personal Accountability — Professionalism



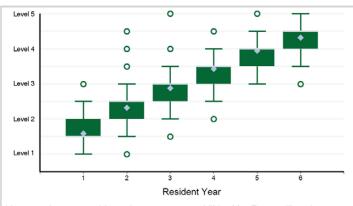
36. Interpersonal and Communication Skills - Interpersonal and Communication Skills



### TABLE 118: SPECIALTY: Plastic Surgery - Integrated

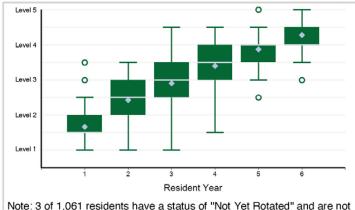
Resident Year	1	2	3	4	5	6	Total Residents
# of Residents	195	181	182	177	169	157	1,061

### 1. Patient Care - Surgical Care — Patient Care



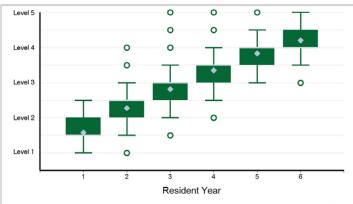
Note: 4 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 2. Medical Knowledge - Surgical Care — Medical Knowledge



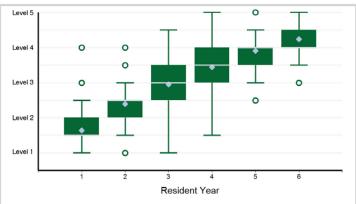
Note: 3 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 3. Patient Care - Wound Care — Patient Care



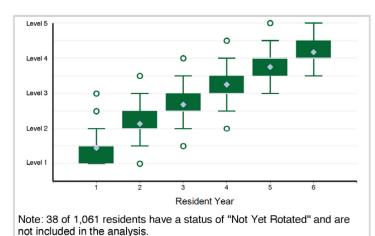
Note: 11 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 4. Medical Knowledge - Wound Care — Medical Knowledge

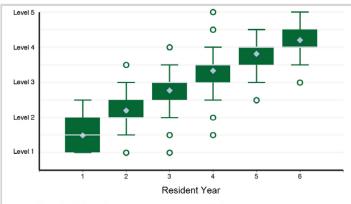


Note: 12 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 5. Patient Care - Tissue Transfer — Patient Care



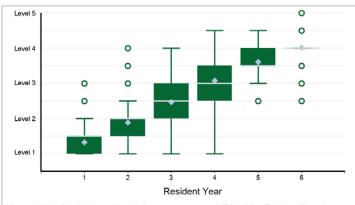
6. Medical Knowledge - Tissue Transfer — Medical Knowledge



Note: 41 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

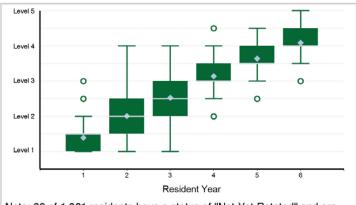
### SPECIALTY: Plastic Surgery - Integrated

#### 7. Patient Care - Congenital Anomalies - Patient Care



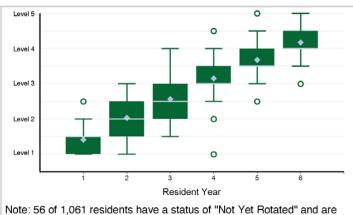
Note: 123 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 9. Patient Care - Head and Neck - Patient Care



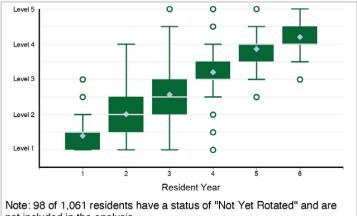
Note: 89 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 11. Patient Care - Maxillofacial Trauma - Patient Care



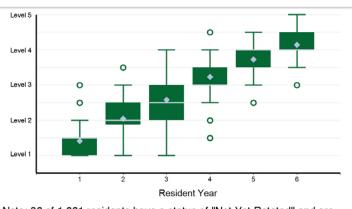
not included in the analysis.

### 8. Medical Knowledge - Congenital Anomalies — Medical Knowledge



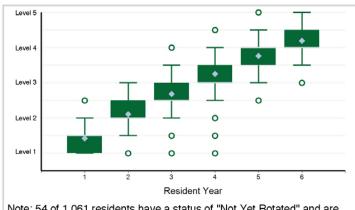
not included in the analysis.

#### 10. Medical Knowledge - Head and Neck — Medical Knowledge



Note: 86 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

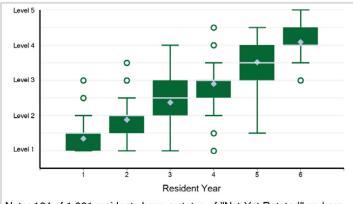
#### 12. Medical Knowledge - Maxillofacial Trauma — Medical Knowledge



Note: 54 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

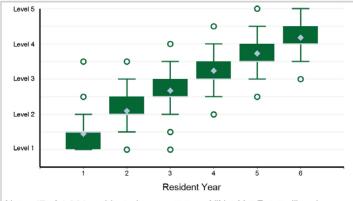
### SPECIALTY: Plastic Surgery - Integrated

#### 13. Patient Care - Facial Aesthetics - Patient Care



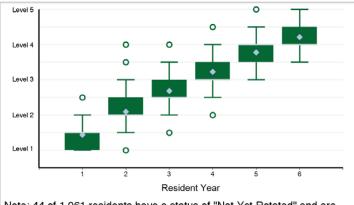
Note: 164 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 15. Patient Care - Non-Cancer Breast Surgery — Patient Care



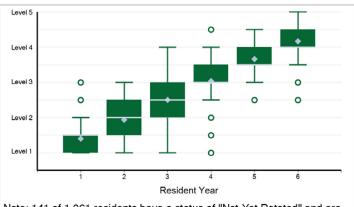
Note: 47 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 17. Patient Care - Breast Reconstruction — Patient Care



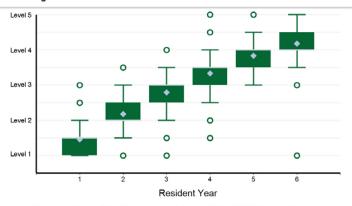
Note: 44 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 14. Medical Knowledge - Facial Aesthetics — Medical Knowledge



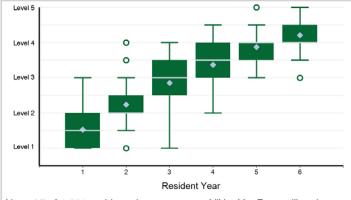
Note: 141 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### Medical Knowledge - Non-Cancer Breast Surgery — Medical Knowledge



Note: 40 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

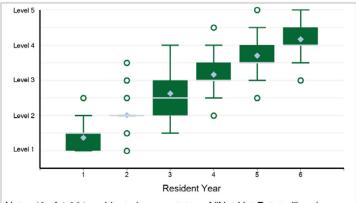
#### 18. Medical Knowledge - Breast Reconstruction — Medical Knowledge



Note: 35 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

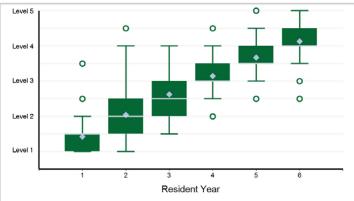
## SPECIALTY: Plastic Surgery - Integrated

# 19. Patient Care - Reconstruction of the Trunk and Perineum — Patient Care



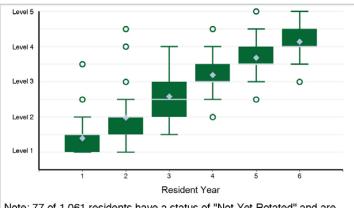
Note: 49 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 21. Patient Care - Upper Extremity Trauma — Patient Care



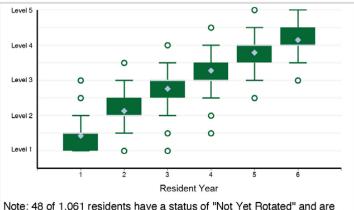
Note: 54 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 23. Patient Care - Non-trauma Hand — Patient Care



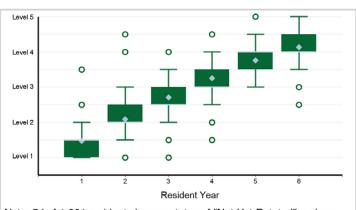
Note: 77 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

# 20. Medical Knowledge - Reconstruction of Trunk and Perineum — Medical Knowledge



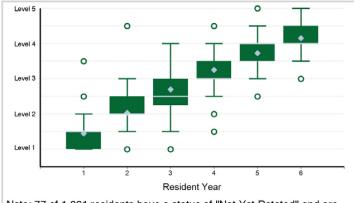
Note: 48 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 22. Medical Knowledge - Upper Extremity Trauma — Medical Knowledge



Note: 54 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

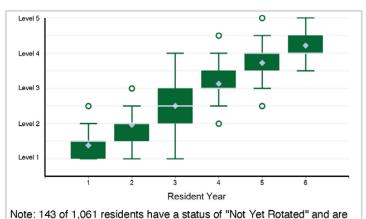
#### 24. Medical Knowledge - Non-trauma Hand — Medical Knowledge



Note: 77 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

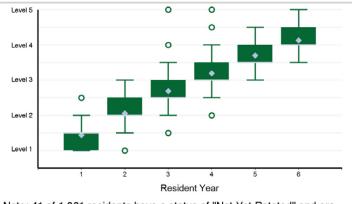
## **SPECIALTY: Plastic Surgery - Integrated**

#### 25. Patient Care - Cosmetic Trunk and Lower Extremity - Patient Care



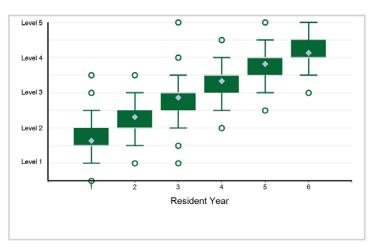
not included in the analysis.

### 27. Patient Care - Lower Extremity - Patient Care

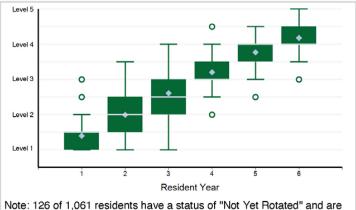


Note: 41 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 29. Systems-Based Practice - Patient Safety - Systems-Based Practice

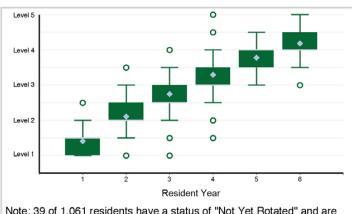


# 26. Medical Knowledge - Cosmetic Trunk and Lower Extremity — Medical Knowledge



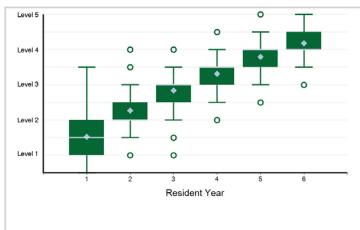
Note: 126 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 28. Medical Knowledge - Lower Extremity — Medical Knowledge



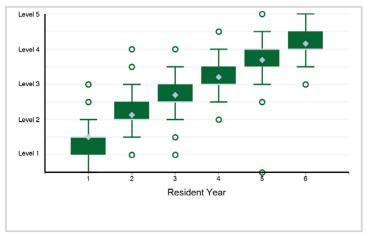
Note: 39 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

## 30. Systems-Based Practice - Resource Allocation — Systems-Based Practice

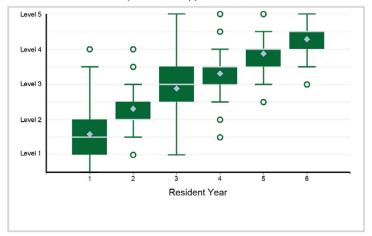


### SPECIALTY: Plastic Surgery - Integrated

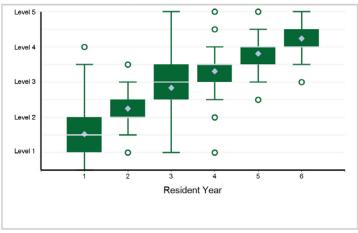
# 31. Systems-Based Practice - Practice Management — Systems-Based Practice



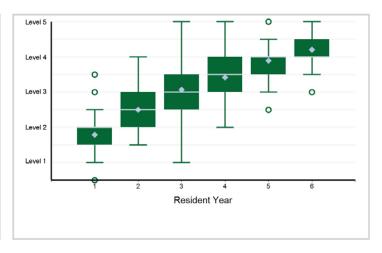
32. Practice-Based Learning and Improvement - The ability to investigate and evaluate the care of patients, to appraise and ...



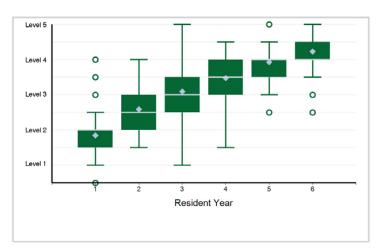
33. Practice-Based Learning and Improvement - Research and Teaching — Practice-Based Learning and Improvement



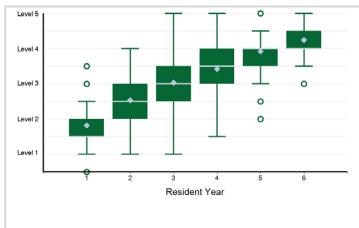
34. Professionalism - Ethics and Values - Professionalism



35. Professionalism - Personal Accountability — Professionalism



36. Interpersonal and Communication Skills - Interpersonal and Communication Skills

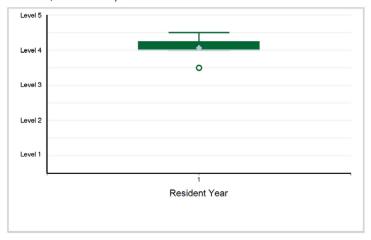


### TABLE 119: SUBSPECIALTY: Hand Surgery (multidisciplinary, Plastic Surgery)

Resident Year	1	Total Residents*
# of Residents	25	25

<sup>\*</sup>Note: There are 2 residents with an incomplete milestone evaluation that are excluded from the box plots below.

1. Patient Care - Acquired Conditions (Tumor, Dupuytren's, tenosynovitis, vascular, contractures) — Patient Care



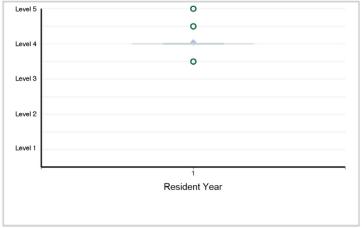
2. Medical Knowledge - Acquired Conditions (Tumor, Dupuytren's, tenosynovitis, vascular, contractures) — Medical Knowledge



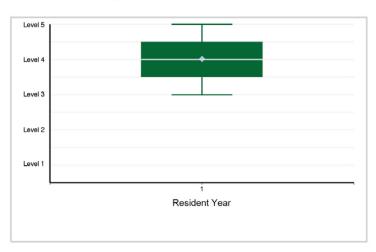
#### 3. Patient Care - Arthritis - Patient Care



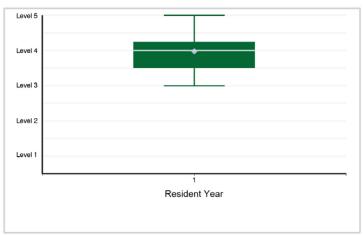
4. Medical Knowledge - Arthritis - Medical Knowledge



### 5. Patient Care - Congenital — Patient Care

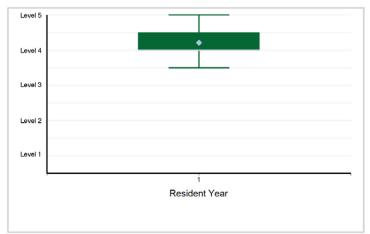


6. Medical Knowledge - Congenital — Medical Knowledge



### SUBSPECIALTY: Hand Surgery (multidisciplinary, Plastic Surgery)

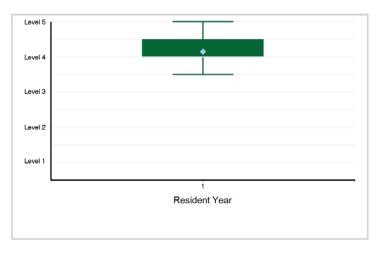
#### 7. Patient Care - Nerve - Patient Care



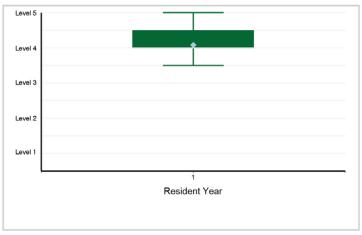
#### 8. Medical Knowledge - Nerve — Medical Knowledge



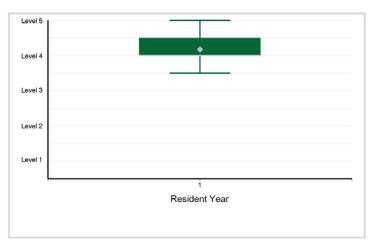
#### 9. Patient Care - Trauma: Bone, Joint — Patient Care



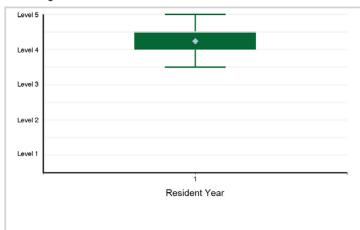
10. Medical Knowledge - Trauma: Bone, Joint — Medical Knowledge



11. Patient Care - Soft Tissue Trauma, Infections — Patient Care

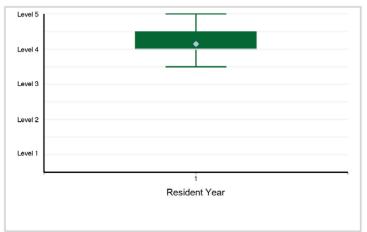


12. Medical Knowledge - Soft Tissue Trauma, Infections — Medical Knowledge

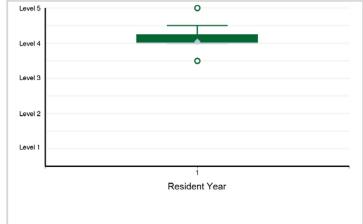


### SUBSPECIALTY: Hand Surgery (multidisciplinary, Plastic Surgery)

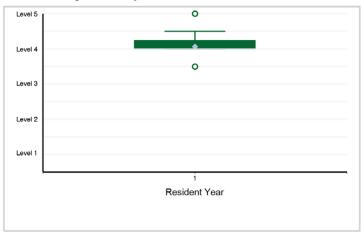
#### 13. Patient Care - Tendon - Patient Care



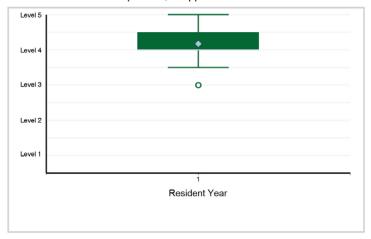
#### 14. Medical Knowledge - Tendon — Medical Knowledge



15. Systems-Based Practice - Patient Safety, Resource Allocation, Practice Management — Systems-Based Practice



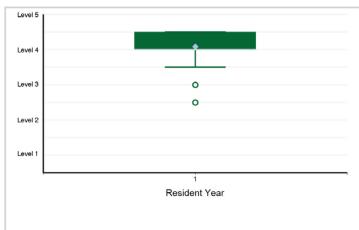
16. Practice-Based Learning and Improvement - The ability to investigate and evaluate the care of patients, to appraise and ...



17. Professionalism - Ethics and Values — Professionalism



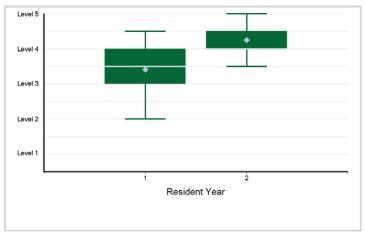
18. Interpersonal and Communication Skills - Interpersonal and Communication Skills



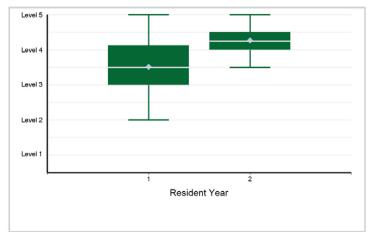
### TABLE 120: SPECIALTY: Preventive Medicine - Aerospace Medicine

Resident Year	1	2	Total Residents
# of Residents	24	24	48

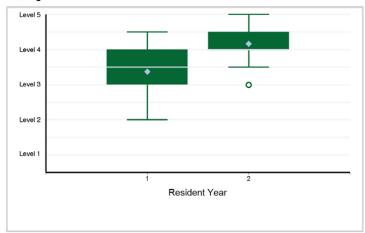
#### 1. Patient Care - Patient Care 1: Health and Performance Optimization



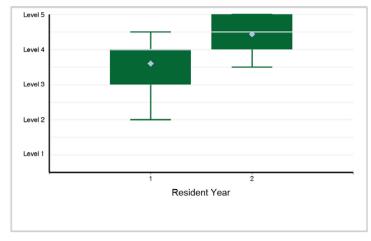
#### 2. Patient Care - Patient Care 2: Fitness for Duty and Medical Standards



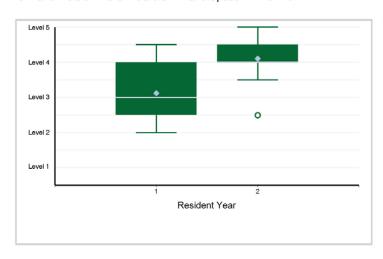
# 3. Patient Care - Patient Care 3: Hazard Recognition, Mitigation, and Management



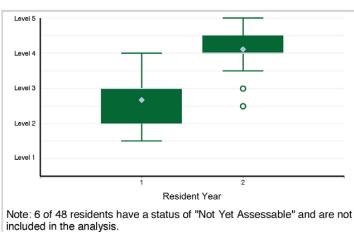
4. Patient Care - Patient Care 4: Clinical Care Skills



### 5. Patient Care - Patient Care 5: Air and Space Environment

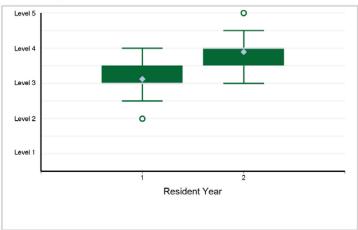


#### 6. Patient Care - Patient Care 6: Aeromedical Transport

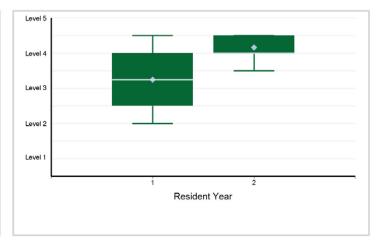


### **SPECIALTY: Preventive Medicine - Aerospace Medicine**

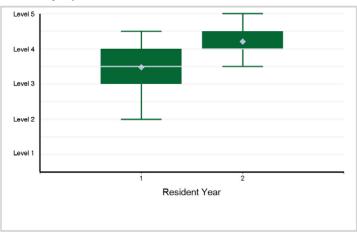
# 7. Medical Knowledge - Medical Knowledge 1: Biostatics and Epidemiology



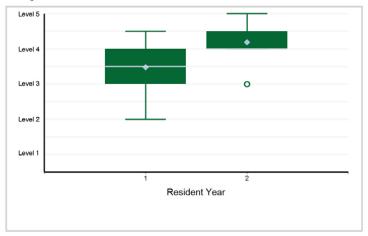
#### 8. Medical Knowledge - Medical Knowledge 2: Regulatory



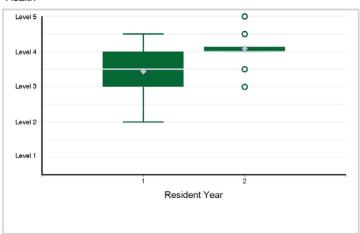
9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



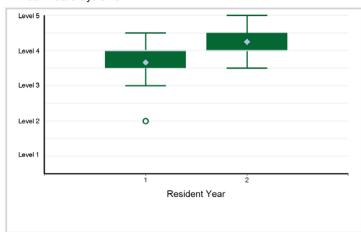
10. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



11. Systems-Based Practice - Systems-Based Practice 3: Population Health

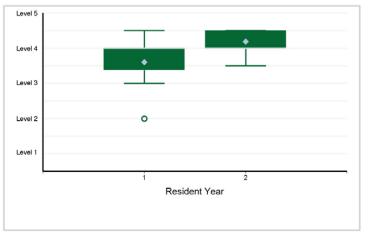


12. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems

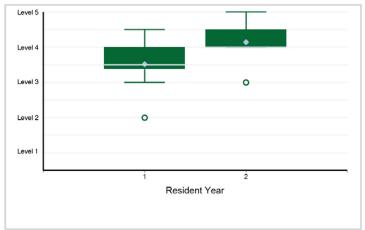


### **SPECIALTY: Preventive Medicine - Aerospace Medicine**

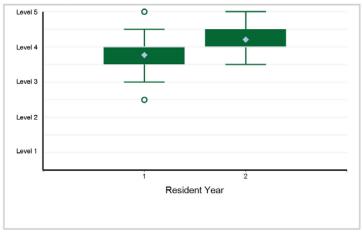
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



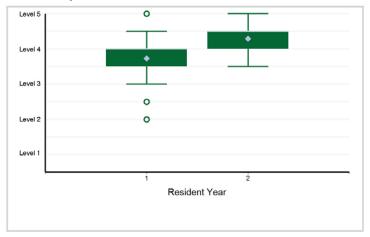
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



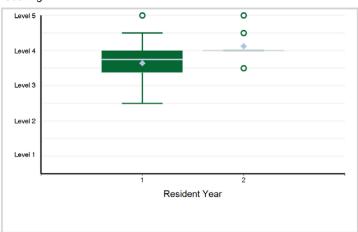
15. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



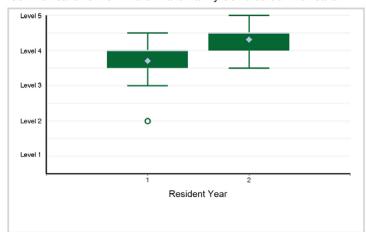
16. Professionalism - Professionalism 2: Accountability/Conscientiousness



17. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking

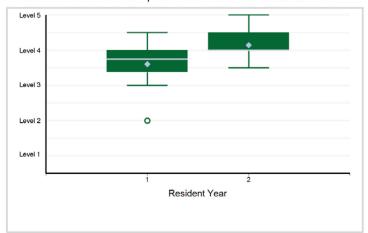


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

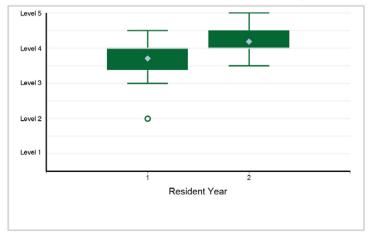


### **SPECIALTY: Preventive Medicine - Aerospace Medicine**

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



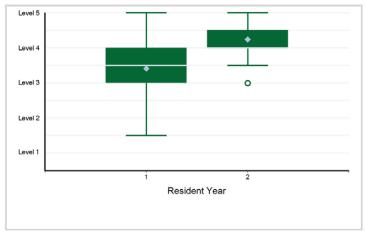
20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



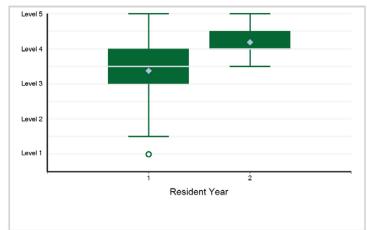
### TABLE 121: SPECIALTY: Preventive Medicine - Occupational Medicine

Resident Year	1	2	Total Residents
# of Residents	66	48	114

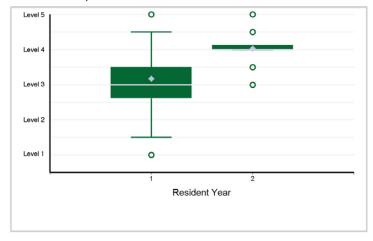
#### 1. Patient Care - Patient Care 1: History and Physical Examination



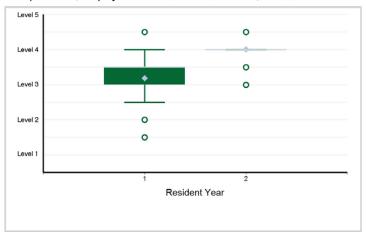
#### 2. Patient Care - Patient Care 2: Clinical Assessment and Management



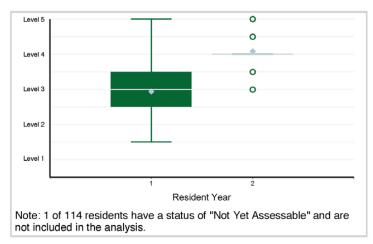
# 3. Patient Care - Patient Care 3: Worker Health, Well-Being, and Performance Optimization



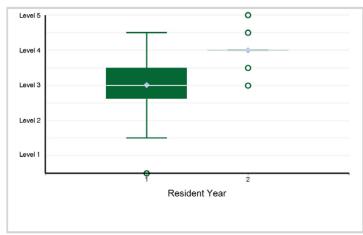
4. Patient Care - Patient Care 4: Fitness for Work (Workers' Compensation, Employment and Certification Exams, Fitness for ...



### 5. Patient Care - Patient Care 5: Toxicology

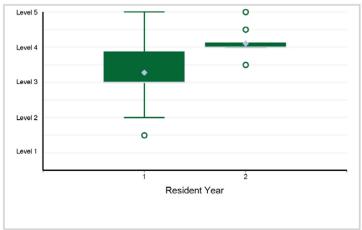


#### 6. Patient Care - Patient Care 6: Surveillance

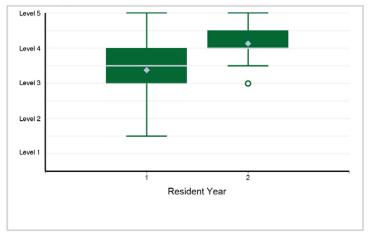


## SPECIALTY: Preventive Medicine - Occupational Medicine

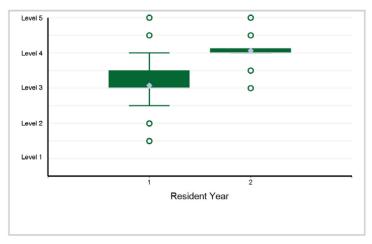
# 7. Medical Knowledge - Medical Knowledge 1: Hazard Recognition and Management



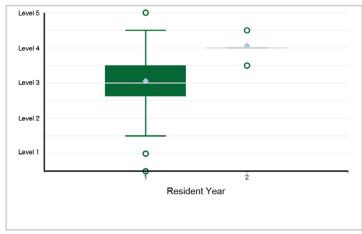
#### Medical Knowledge - Medical Knowledge 2: Biostatistics and Epidemiology



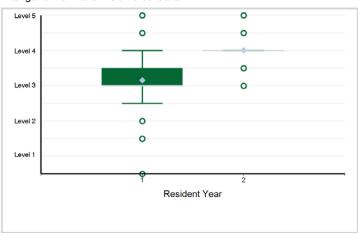
#### 9. Medical Knowledge - Medical Knowledge 3: Regulatory



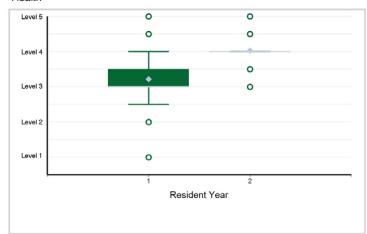
10. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



# 11. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care

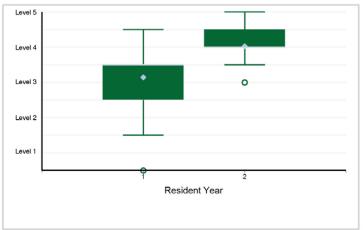


12. Systems-Based Practice - Systems-Based Practice 3: Population Health

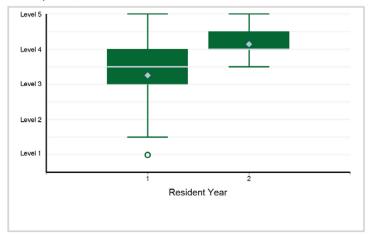


### SPECIALTY: Preventive Medicine - Occupational Medicine

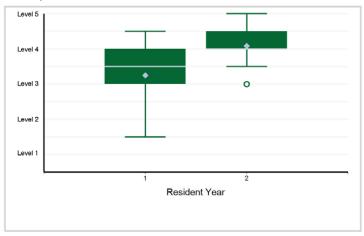
# 13. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



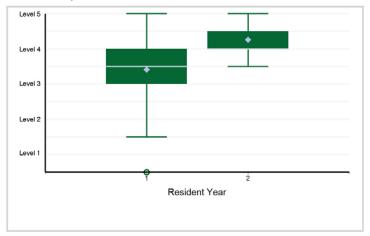
#### 14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



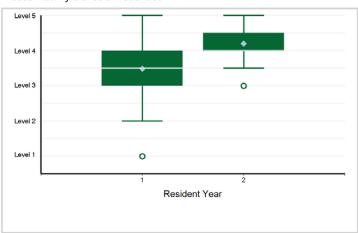
# 15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



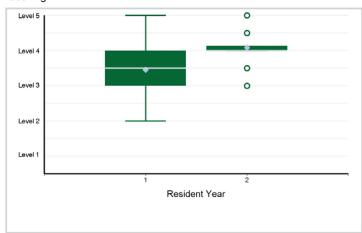
16. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



# 17. Professionalism - Professionalism 2: Accountability/Conscientiousness

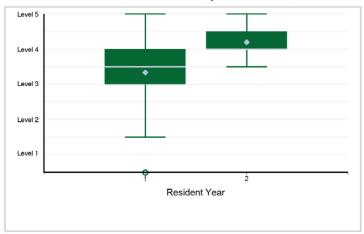


# 18. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking

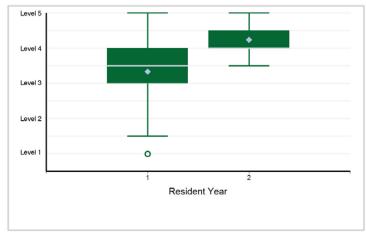


### SPECIALTY: Preventive Medicine - Occupational Medicine

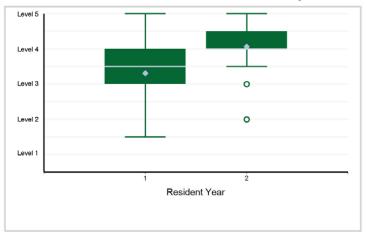
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



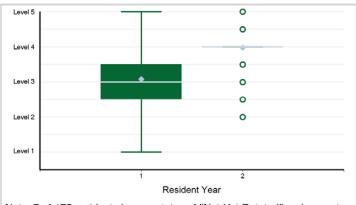
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



#### TABLE 122: SPECIALTY: Preventive Medicine - Public Health and General Preventive Medicine

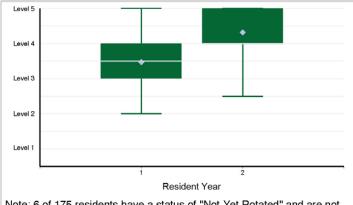
Resident Year	1	2	Total Residents
# of Residents	98	77	175

1. Patient Care - Emergency Preparedness and Response: Apply skills in Emergency Preparedness and Response - Patient Care 1



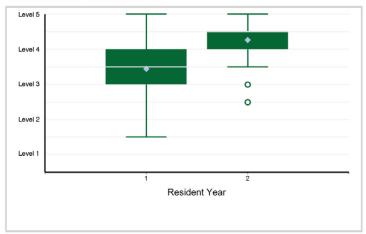
Note: 7 of 175 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 3. Patient Care - Inform and Educate: Inform and educate populations about health threats and risks - Patient Care 3

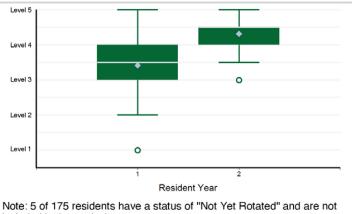


Note: 6 of 175 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 5. Patient Care - Evaluating Health Services: Evaluate population-based health services - Patient Care 5

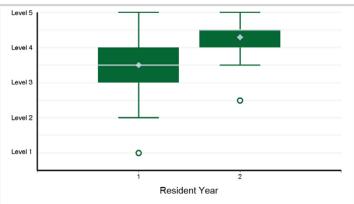


#### 2. Patient Care - Community Health: Monitor, diagnose, and investigate community health problems - Patient Care 2



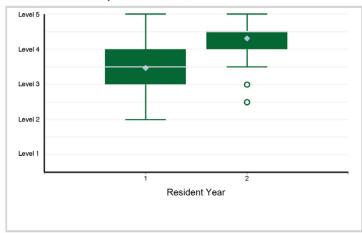
included in the analysis.

#### 4. Patient Care - Policies and Plans: Develop policies and plans to support individual and community health ...



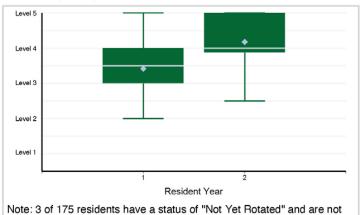
Note: 5 of 175 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 6. Patient Care - Descriptive Epidemiology: Able to characterize the health of a community - Patient Care 6



### SPECIALTY: Preventive Medicine - Public Health and General Preventive Medicine

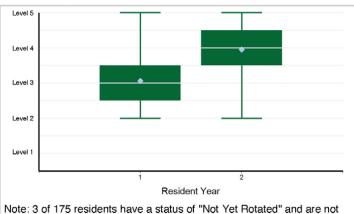
7. Patient Care - Analytic Epidemiology: Able to design and conduct an epidemiologic study - Patient Care 7



9. Patient Care - Surveillance Systems: Design and operate a

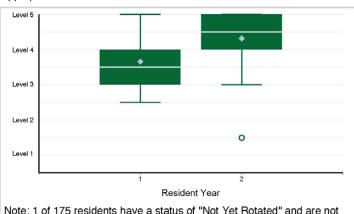
included in the analysis.

surveillance system - Patient Care 9



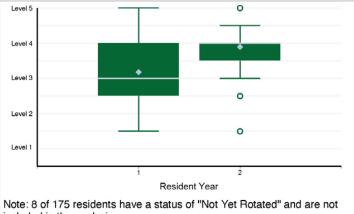
Note: 3 of 175 residents have a status of "Not Yet Rotated" and are not included in the analysis.

11. Patient Care - Conditions of Public Health Significance: Implement appropriate clinical care for individuals ...



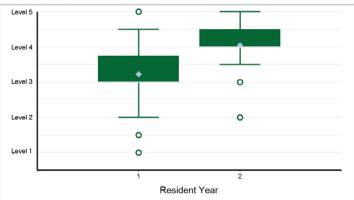
Note: 1 of 175 residents have a status of "Not Yet Rotated" and are not included in the analysis.

8. Patient Care - Disease Outbreak: Investigate and respond to a cluster or outbreak - Patient Care 8



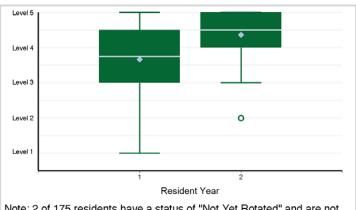
included in the analysis.

10. Patient Care - Clinical Preventive Services (CPS): Analyze evidence regarding the performance of proposed ...



Note: 3 of 175 residents have a status of "Not Yet Rotated" and are not included in the analysis.

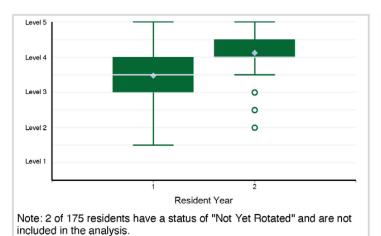
12. Patient Care - Preventive Services: Select and provide appropriate evidence-based clinical preventive ...



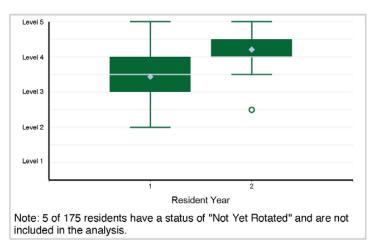
Note: 2 of 175 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### SPECIALTY: Preventive Medicine - Public Health and General Preventive Medicine

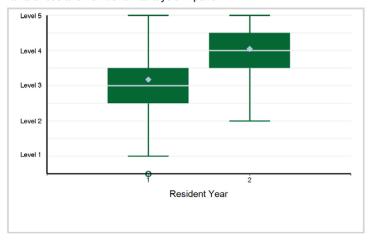
#### 13. Medical Knowledge - Behavioral Health - Medical Knowledge 1



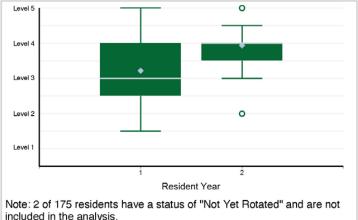
#### 15. Medical Knowledge - Biostatistics - Medical Knowledge 3



# 17. Systems-Based Practice - Incorporate considerations of cost awareness and risk-benefit analysis in patient $\dots$

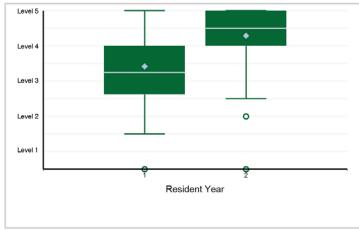


#### 14. Medical Knowledge - Environmental Health - Medical Knowledge 2

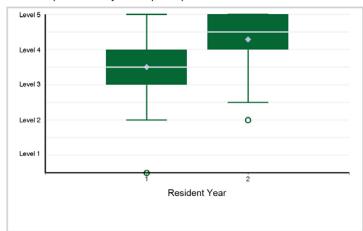


included in the analysis.

# 16. Systems-Based Practice - Work and coordinate patient care effectively in various health care delivery ...

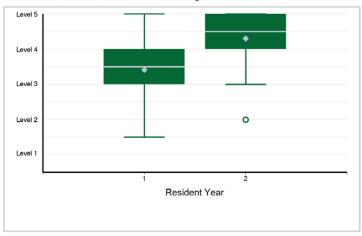


# 18. Systems-Based Practice - Work in interprofessional teams to enhance patient safety and improve patient ...

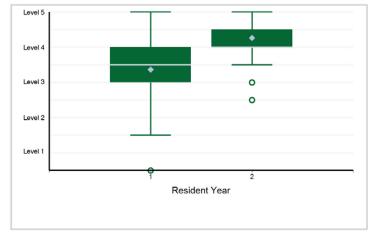


### SPECIALTY: Preventive Medicine - Public Health and General Preventive Medicine

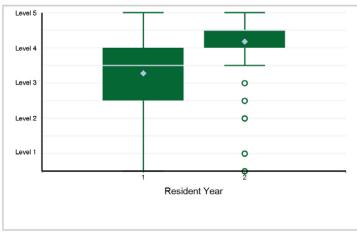
19. Practice-Based Learning and Improvement - Identify strengths, deficiencies, and limits in one's knowledge ...



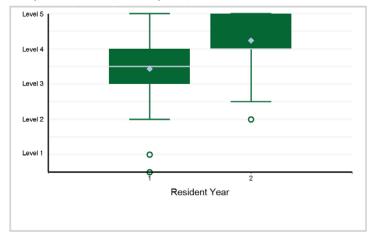
20. Professionalism - Compassion, integrity, and respect for others, as well as sensitivity and responsiveness ...



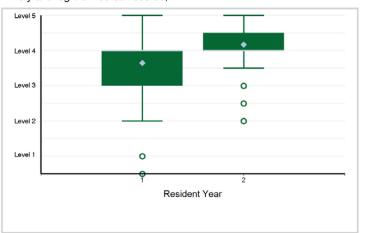
21. Professionalism - Accountability to patients, society and the profession - Professionalism 2  $\,$ 



22. Interpersonal and Communication Skills - Communicate effectively with patients, families, and the public, ...



23. Interpersonal and Communication Skills - Maintain comprehensive, timely and legible medical records,  $\dots$ 

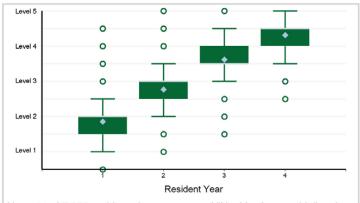


### TABLE 123: SPECIALTY: Psychiatry

Resident Year	1	2	3	4	Total Residents*
# of Residents	2,064	2,022	1,910	1,374	7,370

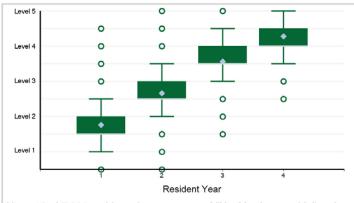
<sup>\*</sup>Note: There are 1 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### 1. Patient Care - Patient Care 1: Psychiatric Evaluation A: Gathers and organizes findings from the patient ...



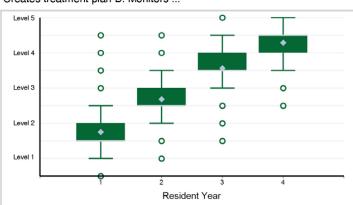
Note: 11 of 7,369 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 2. Patient Care - Patient Care 2: Psychiatric Formulation and Differential Diagnosis A: Organizes and summarizes ...



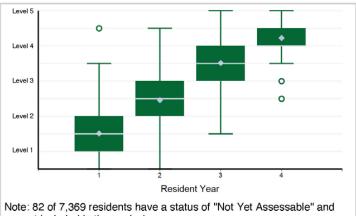
Note: 12 of 7,369 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Treatment Planning and Management A: Creates treatment plan B: Monitors ...



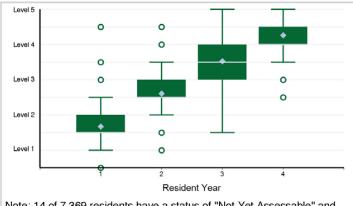
Note: 12 of 7,369 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 4. Patient Care - Patient Care 4: Psychotherapy A: Establishes therapeutic alliance and manages boundaries ...



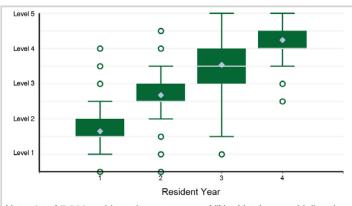
are not included in the analysis.

#### 5. Patient Care - Patient Care 5: Somatic Therapies (including Psychopharmacology and Neurostimulation ...



Note: 14 of 7,369 residents have a status of "Not Yet Assessable" and are not included in the analysis.

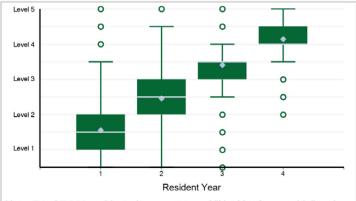
#### 6. Patient Care - Patient Care 6: Clinical Consultation



Note: 61 of 7,369 residents have a status of "Not Yet Assessable" and are not included in the analysis.

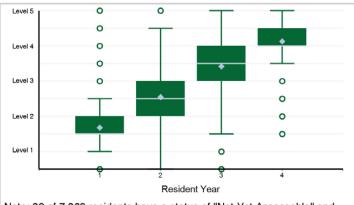
### SPECIALTY: Psychiatry

7. Medical Knowledge - Medical Knowledge 1: Development through the Life Cycle (including the Impact of Psychopathology on ...



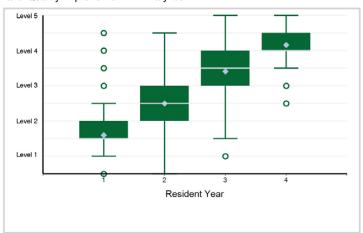
Note: 74 of 7,369 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Medical Knowledge - Medical Knowledge 3: Clinical Neuroscience (includes Knowledge of Neurology, Neuropsychiatry, ...

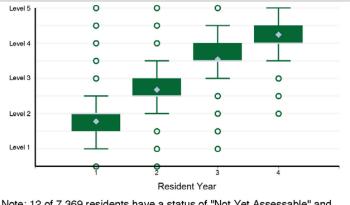


Note: 32 of 7,369 residents have a status of "Not Yet Assessable" and are not included in the analysis.

11. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement A: Analyzes ...

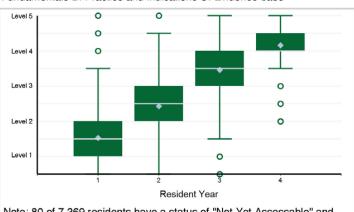


8. Medical Knowledge - Medical Knowledge 2: Psychopathology (includes Knowledge of Diagnostic Criteria, ...



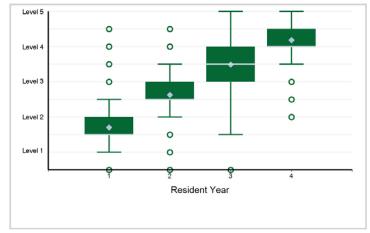
Note: 12 of 7,369 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Medical Knowledge - Medical Knowledge 4: Psychotherapy A: Fundamentals B: Practice and indications C: Evidence base



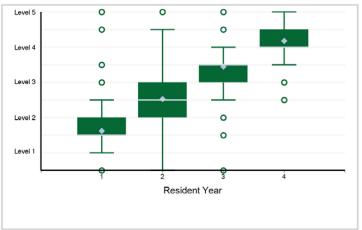
Note: 80 of 7,369 residents have a status of "Not Yet Assessable" and are not included in the analysis.

12. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care A: Coordinates ...

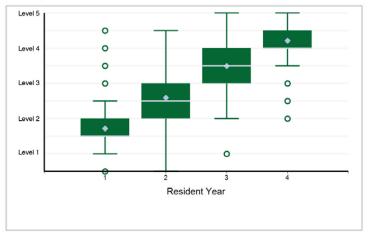


### SPECIALTY: Psychiatry

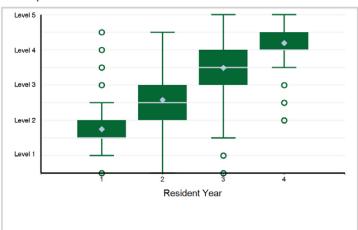
13. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems A: Understanding  $\dots$ 



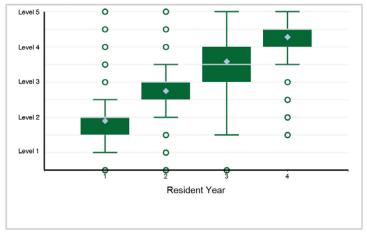
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



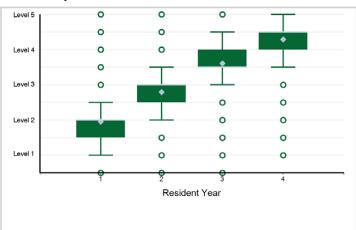
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



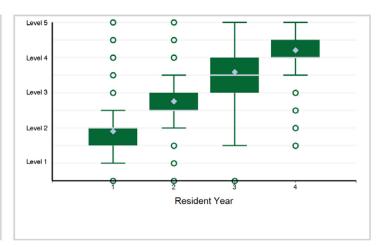
16. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



17. Professionalism - Professionalism 2: Accountability/Conscientiousness

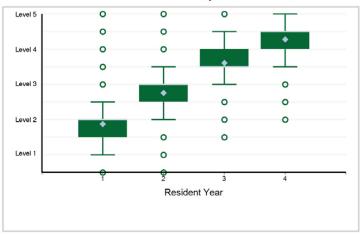


18. Professionalism - Professionalism 3: Well-Being

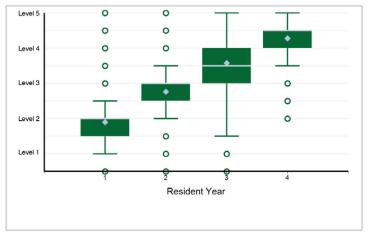


## SPECIALTY: Psychiatry

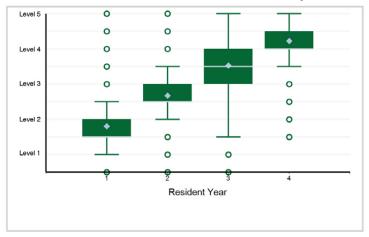
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



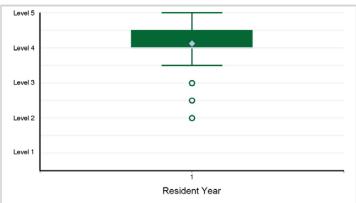
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



### TABLE 124: SUBSPECIALTY: Addiction Medicine (multidisciplinary, Psychiatry)

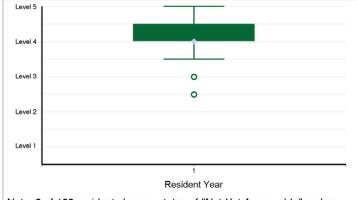
Resident Year	1	Total Residents
# of Residents	182	182

1. Patient Care - 1: Screening, Evaluation, Differential Diagnosis, and Case Formulation of the Patient with or at Risk of  $\dots$ 



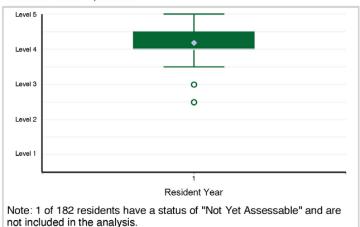
Note: 1 of 182 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### Medical Knowledge - 1: Neuroscience of Substance Use and Addictive Disorders

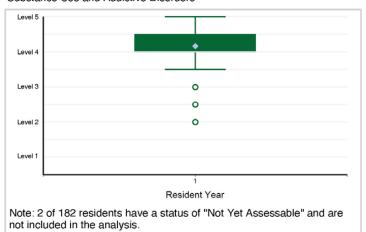


Note: 3 of 182 residents have a status of "Not Yet Assessable" and are not included in the analysis.

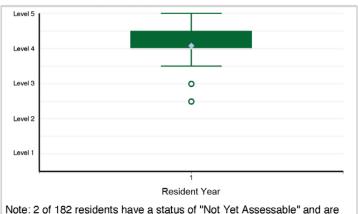
# 5. Medical Knowledge - 3: Treatment Modalities and Interventions in Diverse Patient Populations



2. Patient Care - 2: Pharmacologic and Non-Pharmacologic Treatment for Substance Use and Addictive Disorders

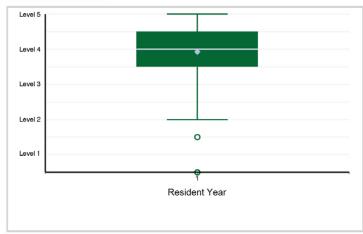


4. Medical Knowledge - 2: Epidemiology and Clinical Presentation of Substance Use and Addictive Disorders



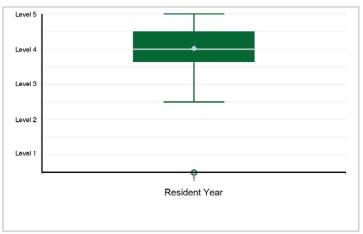
Note: 2 of 182 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 6. Systems-Based Practice - 1: Patient Safety and Quality Improvement in Addiction Medicine

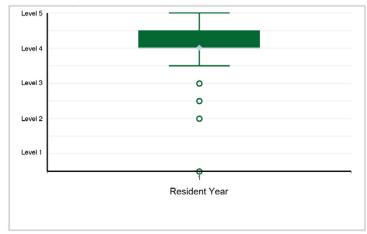


## SUBSPECIALTY: Addiction Medicine (multidisciplinary, Psychiatry)

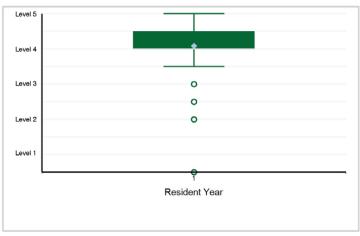
# 7. Systems-Based Practice - 2: System Navigation for Patient-Centered Care in Addiction Medicine



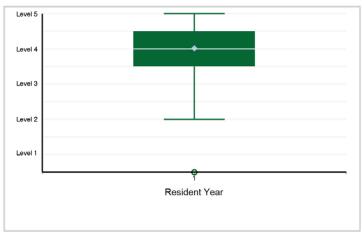
# 8. Systems-Based Practice - 3: The Addiction Medicine Physician Role in Health Care Systems



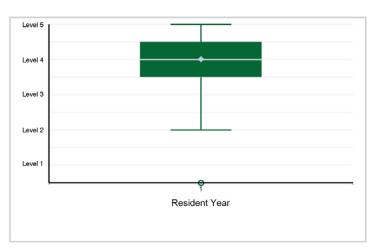
# 9. Practice-Based Learning and Improvement - 1: Evidence-Based and Informed Practice



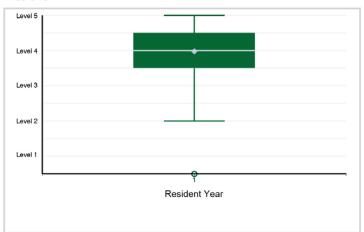
10. Practice-Based Learning and Improvement - 2: Reflective Practice and Commitment to Personal Growth in Addiction Medicine



#### 11. Professionalism - 1: Professional Behavior and Ethical Principles

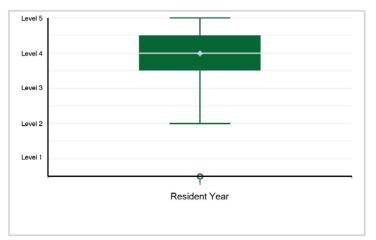


12. Professionalism - 2: Accountability/Conscientiousness in Addiction Medicine

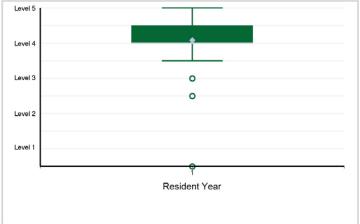


## SUBSPECIALTY: Addiction Medicine (multidisciplinary, Psychiatry)

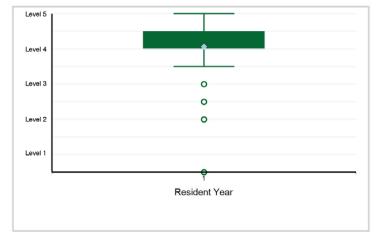
#### 13. Professionalism - 3: Self-Awareness and Help-Seeking



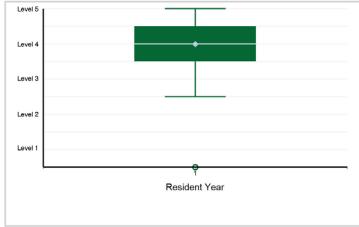
#### Interpersonal and Communication Skills - 1: Patient- and Family-Centered Communication



# 15. Interpersonal and Communication Skills - 2: Interprofessional and Team Communication



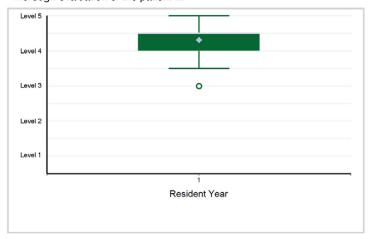
# 16. Interpersonal and Communication Skills - 3: Communication within Health Care Systems



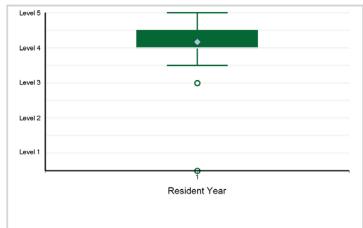
### TABLE 125: SUBSPECIALTY: Addiction Psychiatry

Resident Year	1	Total Residents
# of Residents	87	87

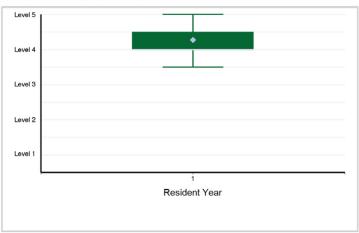
1. Patient Care - PC1 — Evaluation and diagnosis of the patient A. Thorough evaluation of the patient  $\dots$ 



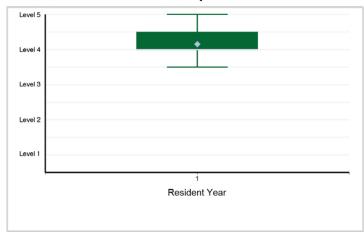
2. Patient Care - PC2 — Psychotherapy, behavioral, and psychosocial interventions in substance and addictive disorders A. ...



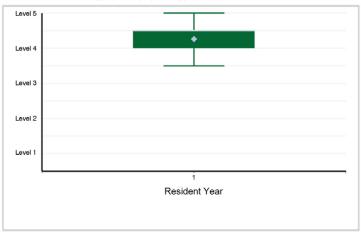
3. Patient Care - PC3 — Pharmacological interventions for substance use and addictive disorders A. Uses  $\dots$ 



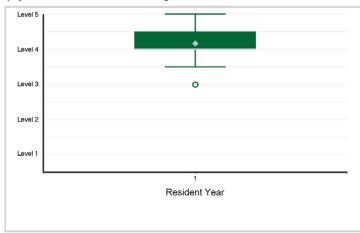
 Medical Knowledge - MK1 — Clinical neuroscience of substance use and addictive disorders A. Neuroanatomy ...



5. Medical Knowledge - MK2 — Psychopathology: including diagnostic criteria, epidemiology, pathophysiology, ...

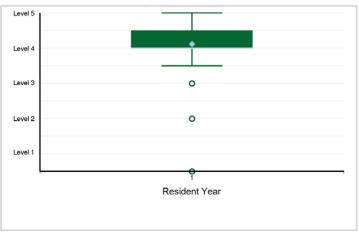


6. Medical Knowledge - MK3 — Psychotherapy, behavioral, and psychosocial treatments: including individual  $\dots$ 

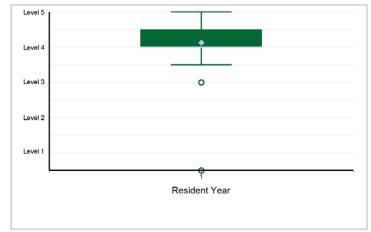


### SUBSPECIALTY: Addiction Psychiatry

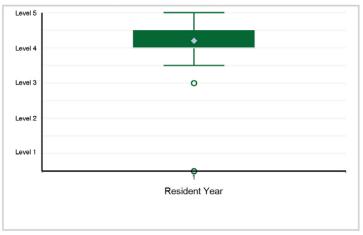
7. Systems-Based Practice - SBP1 — Patient Safety and the Health Care Team A. Medical errors and improvement ...



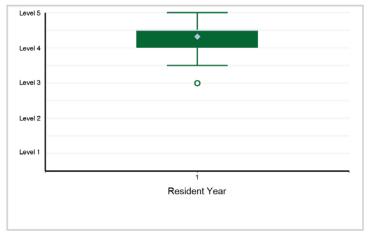
8. Systems-Based Practice - SBP2 — Resource Management: Costs of care and resource management in addiction treatment



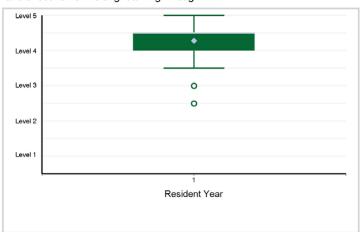
9. Systems-Based Practice - SBP3 — Community-based Care A. Community-based programs B. Self-help groups C. Recovery and ...



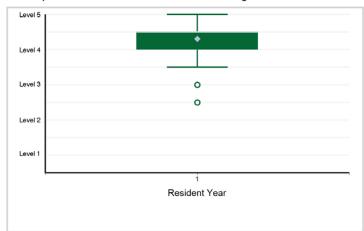
10. Systems-Based Practice - SBP4 — Consultation to general psychiatrists, non-psychiatric medical providers, ...



11. Practice-Based Learning and Improvement - PBLI1 — Development and execution of lifelong learning through  $\dots$ 

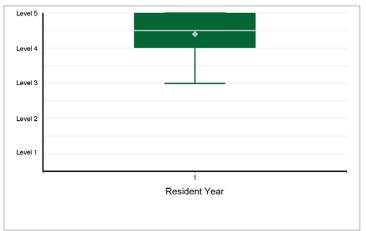


12. Practice-Based Learning and Improvement - PBLI2 — Teaching A. Development as a teacher B. Observable teaching skills

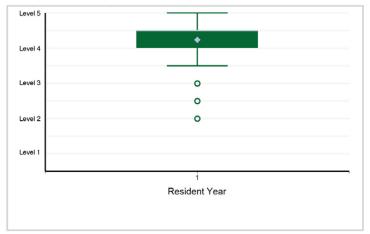


## SUBSPECIALTY: Addiction Psychiatry

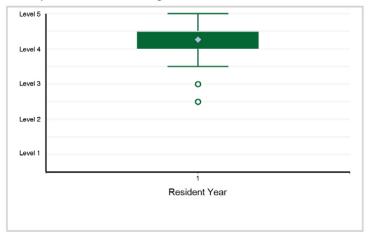
13. Professionalism - PROF1 [see narrative footnote 1] — Compassion, integrity, respect for others, sensitivity  $\dots$ 



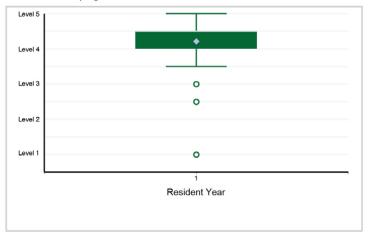
14. Professionalism - PROF2 — Accountability to self, patients, colleagues, and the profession A. Fatigue ...



15. Interpersonal and Communication Skills - ICS1 — Relationship development and conflict management with ...



16. Interpersonal and Communication Skills - ICS2 — Information sharing and record keeping A. Accurate ...

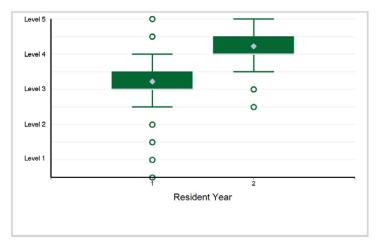


### TABLE 126: SUBSPECIALTY: Child and Adolescent Psychiatry

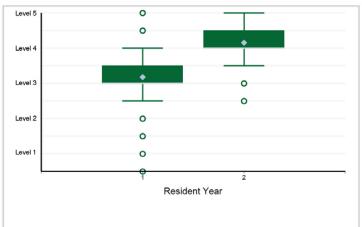
Resident Year	1	2	Total Residents*
# of Residents	512	451	963

<sup>\*</sup>Note: There are 2 residents with an incomplete milestone evaluation that are excluded from the box plots below.

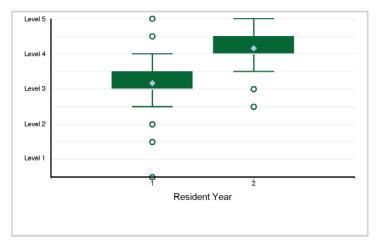
#### 1. Patient Care - PC1 — Psychiatric Evaluation



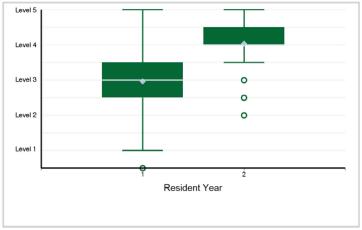
# 2. Patient Care - PC2 — Psychiatric Formulation and Differential Diagnosis [see narrative footnote 1]



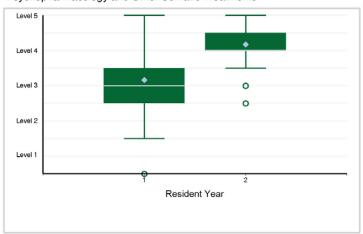
#### 3. Patient Care - PC3 — Treatment Planning and Management



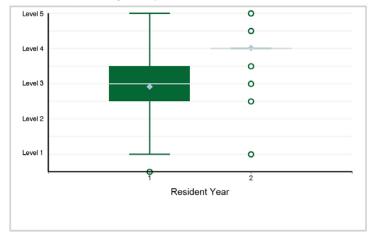
#### 4. Patient Care - PC4 — Psychotherapy



# 5. Patient Care - PC5 — Somatic Therapies, including Psychopharmacology and Other Somatic Treatments

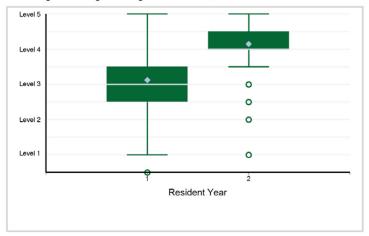


# 6. Medical Knowledge - MK1 — Development in Infancy, Childhood, and Adolescence, Including the Impact of $\dots$

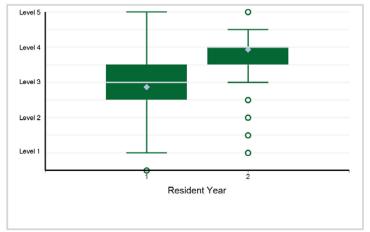


### SUBSPECIALTY: Child and Adolescent Psychiatry

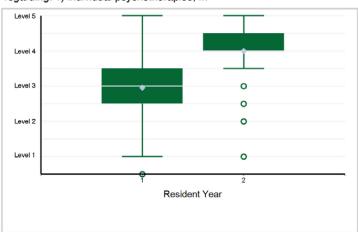
7. Medical Knowledge - MK2 — Psychopathology and Wellness, including Knowledge of Diagnostic Criteria, ...



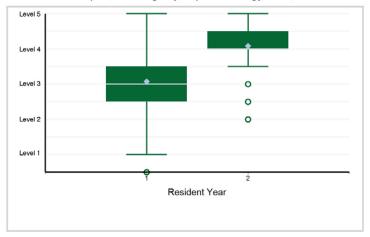
8. Medical Knowledge - MK3 — Clinical Neuroscience and Genetics, including Knowledge of Neurology, Neuropsychiatry, ...



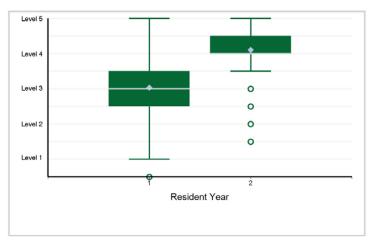
9. Medical Knowledge - MK4 — Psychotherapy: Refers to knowledge regarding: 1) individual psychotherapies, ...



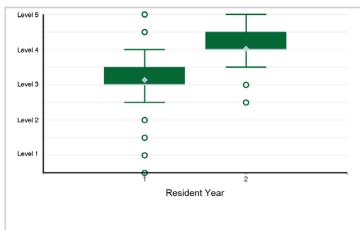
10. Medical Knowledge - MK5 — Somatic Therapies: Medical Knowledge of Somatic Therapies, including Psychopharmacology, ECT, ...



11. Medical Knowledge - MK6 — Practice of Psychiatry

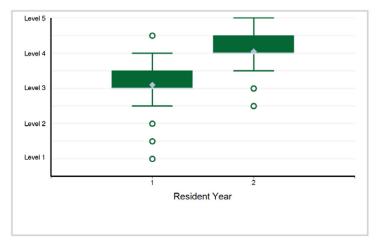


12. Systems-Based Practice - SBP1 — Patient Safety and the Health Care Team

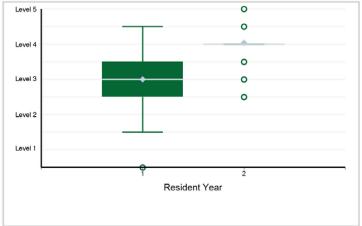


### SUBSPECIALTY: Child and Adolescent Psychiatry

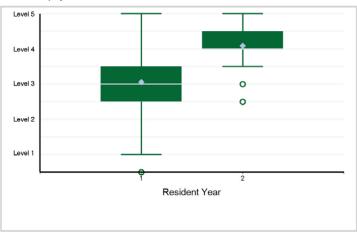
13. Systems-Based Practice - SBP2 — Resource Management



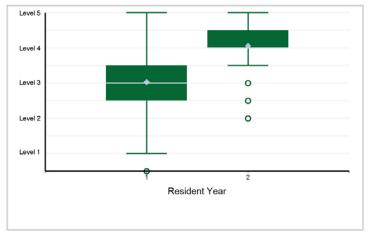
14. Systems-Based Practice - SBP3 — Community-based Care



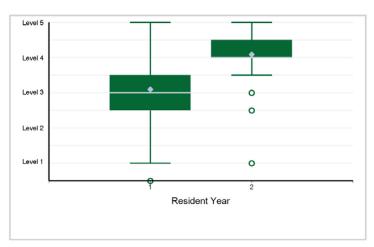
15. Systems-Based Practice - SBP4 — Consultation to and Integration with Non-psychiatric Medical Providers  $\dots$ 



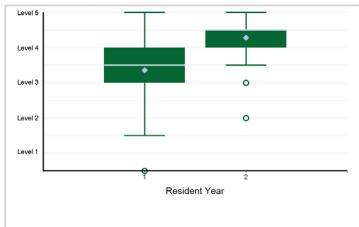
16. Practice-Based Learning and Improvement - PBLI1 — Development and Execution of Lifelong Learning through ...



17. Practice-Based Learning and Improvement - PBLI2 - Teaching

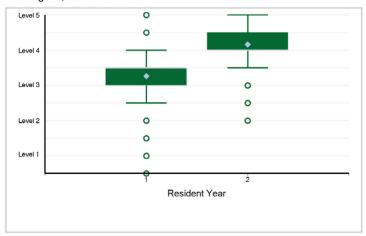


18. Professionalism - PROF1 — Compassion, Integrity, Respect for Others, Sensitivity to Diverse Patient ...

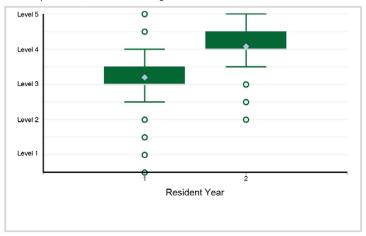


## SUBSPECIALTY: Child and Adolescent Psychiatry

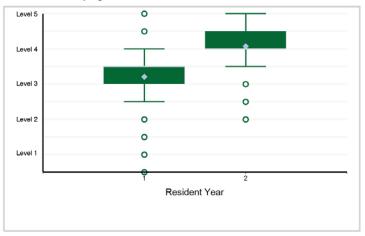
19. Professionalism - PROF2 — Accountability to Self, Patients, Colleagues, and the Profession



20. Interpersonal and Communication Skills - ICS1 — Relationship Development and Conflict Management with ...



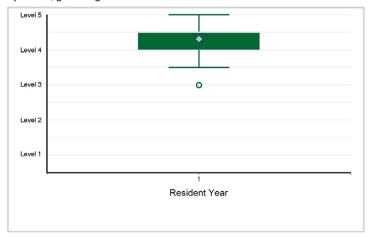
21. Interpersonal and Communication Skills - ICS2 — Information Sharing and Record Keeping



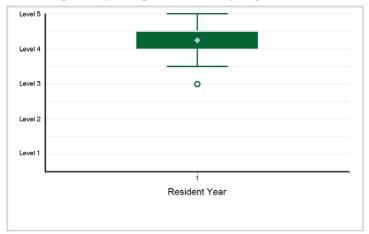
### TABLE 127: SUBSPECIALTY: Consultation-Liaison Psychiatry

Resident Year	1	Total Residents
# of Residents	93	93

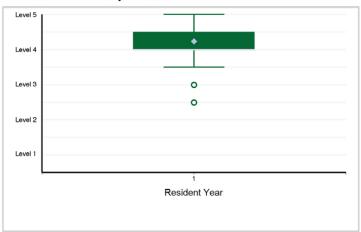
1. Patient Care - PC1 — Consultative Patient Care: clarifying the question, gathering data and collateral ...



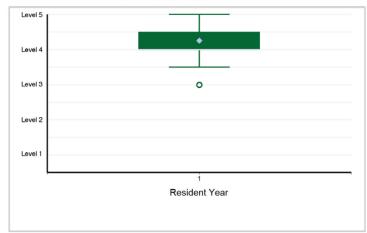
2. Patient Care - PC2 — Integrated Patient Care: performing, coordinating, and supervising care in multidisciplinary ...



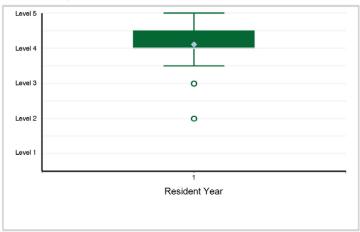
3. Medical Knowledge - MK1 — Knowledge regarding Psychiatric Illnesses in the Medically III: assessment  $\dots$ 



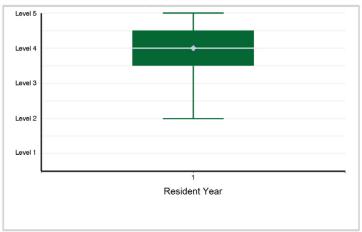
4. Medical Knowledge - MK2 — Knowledge regarding Psychiatric Manifestations of Medical Illnesses: assessment ...



5. Medical Knowledge - MK3 — Practice of Psychosomatic Medicine A. Ethics and legal issues B. Models of consultation and ...

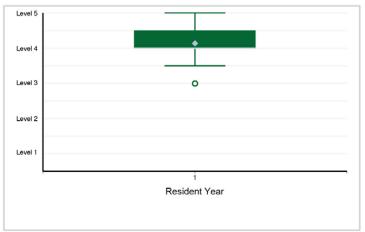


6. Systems-Based Practice - SBP1 — Patient Safety and the Health Care Team A. Medical errors and quality  $\dots$ 

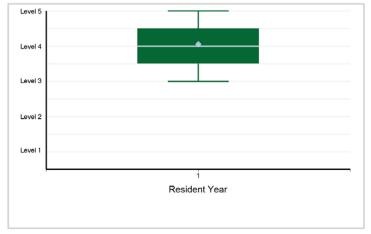


### SUBSPECIALTY: Consultation-Liaison Psychiatry

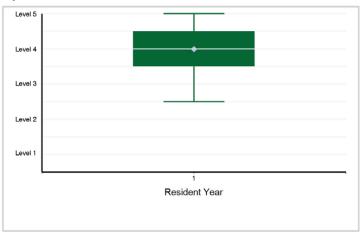
7. Systems-Based Practice - SBP2 — Resource Management: costs of care and resource selection



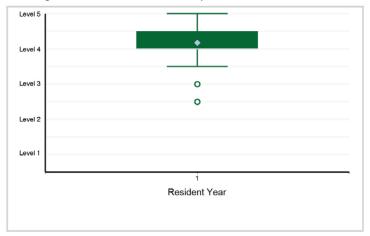
8. Systems-Based Practice - SBP3 — Community-based Care: community-based programs; self-help groups, including ...



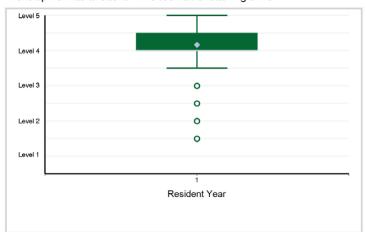
9. Systems-Based Practice - SBP4 — Consultation to Health Care Systems



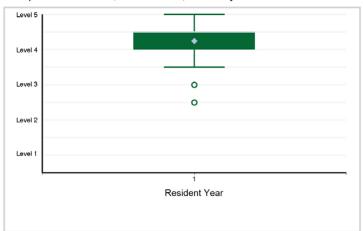
10. Practice-Based Learning and Improvement - PBLI1 — Lifelong Learning A. Self-assessment and self-improvement B. Use of ...



11. Practice-Based Learning and Improvement - PBLI2 — Teaching A. Development as a teacher B. Observable teaching skills

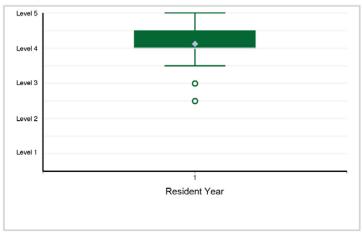


12. Professionalism - PROF1 — Compassion, Integrity, and Respect A. Compassion for others, self-reflection, sensitivity to ...

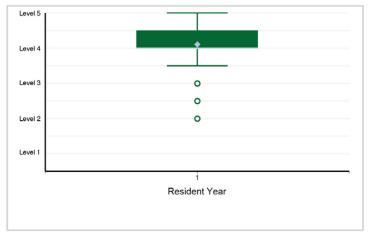


## SUBSPECIALTY: Consultation-Liaison Psychiatry

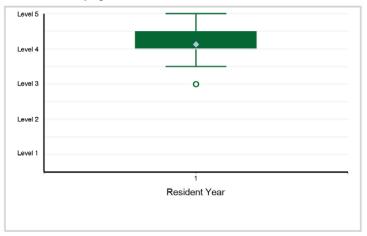
13. Professionalism - PROF2 — Accountability to Self, Patients, Colleagues, and Profession A. Work balance ...



14. Interpersonal and Communication Skills - ICS1 — Relationship Development and Conflict Management A. ...



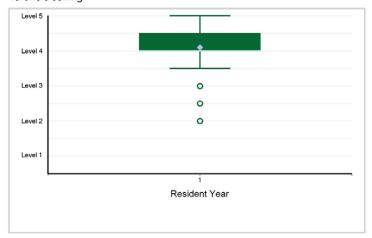
15. Interpersonal and Communication Skills - ICS2 — Information Sharing and Record Keeping A. Accurate ...



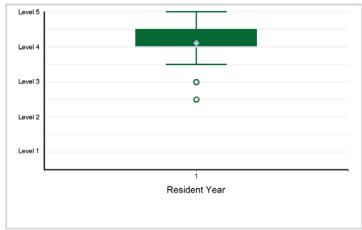
### TABLE 128: SUBSPECIALTY: Forensic Psychiatry

Resident Year	1	Total Residents
# of Residents	91	91

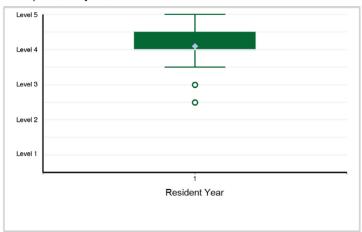
# 1. Patient Care - PC1 — Patient Care A. Provides psychiatric care in a forensic setting



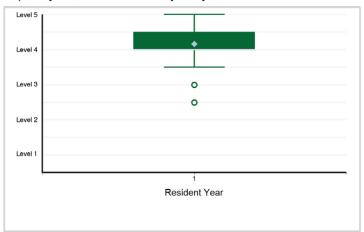
2. Patient Care - PC2 — Procedural Skills A. Conducts a forensic psychiatric evaluation in criminal and ...



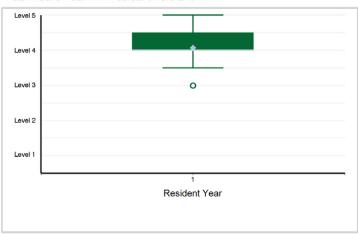
3. Medical Knowledge - MK1 — Knowledge of the Law and Ethical Principles as they relate to the Practice  $\dots$ 



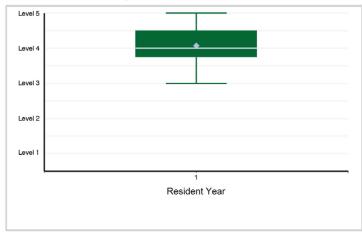
 Medical Knowledge - MK2 — Knowledge of Clinical Psychiatry Especially Relevant to Forensic Psychiatry ...



5. Systems-Based Practice - SBP1 — Patient/Evaluee Safety and the Health Care Team A. Medical errors and  $\dots$ 

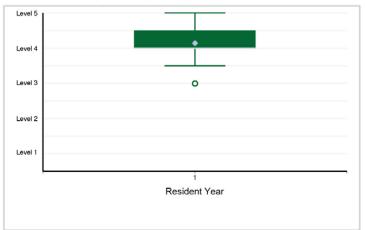


6. Systems-Based Practice - SBP2 — Resource Management Costs of care and resource management

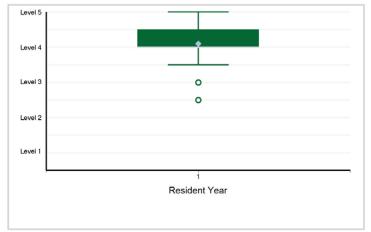


### **SUBSPECIALTY: Forensic Psychiatry**

7. Systems-Based Practice - SBP3 — Consultation to Medical Providers and Non-medical systems (e.g., military, ...



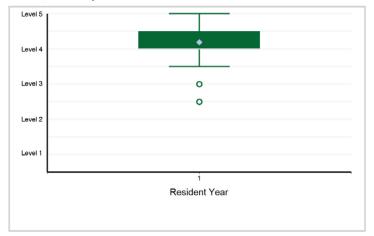
8. Practice-Based Learning and Improvement - PBLI1 — Development and Execution of Lifelong Learning through ...



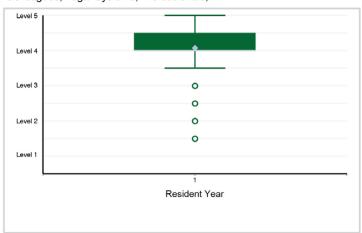
9. Practice-Based Learning and Improvement - PBLI2 — Teaching A. Development as a teacher B. Observable teaching skills



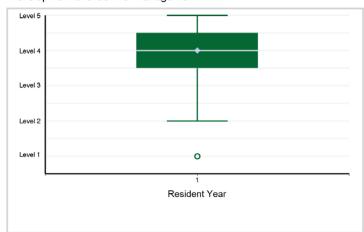
10. Professionalism - PROF1 — Compassion, Integrity, Respect for Others, Sensitivity to Diverse Patient ...



11. Professionalism - PROF2 — Accountability to Self, Patients, Colleagues, Legal Systems, Professionals, ...

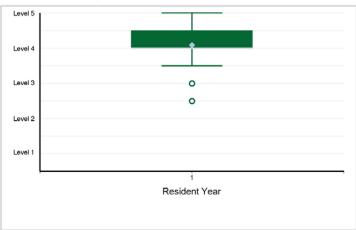


12. Interpersonal and Communication Skills - ICS1 — Relationship Development and Conflict Management with  $\dots$ 



## **SUBSPECIALTY: Forensic Psychiatry**

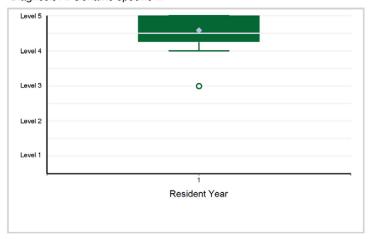
13. Interpersonal and Communication Skills - ICS2 — Information Sharing and Record Keeping A. Accurate and  $\dots$ 



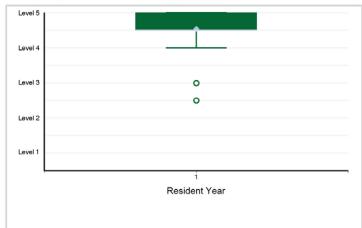
### TABLE 128: SUBSPECIALTY: Geriatric Psychiatry

Resident Year	1	Total Residents
# of Residents	59	59

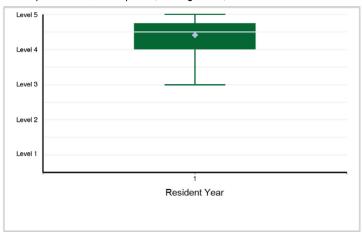
1. Patient Care - PC1 - Geriatric Psychiatric Evaluation and Differential Diagnosis A. Geriatric-specific ...



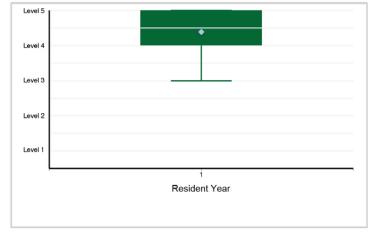
2. Patient Care - PC2 - Geriatric Therapeutic Modalities A. Somatic Therapies [see narrative footnote 2] ...



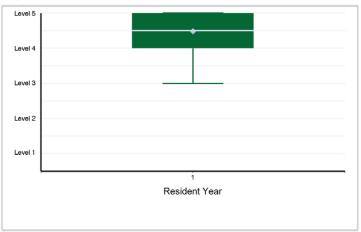
3. Patient Care - PC3 - Treatment Planning and Management A. Participates in the development, management, ...



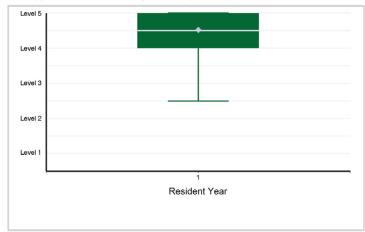
4. Medical Knowledge - MK1 - Development through Later-life A. Knowledge of developmental theories across ...



5. Medical Knowledge - MK2 - Psychopathology: Includes Presentation of Psychiatric Disorders in Diverse ...

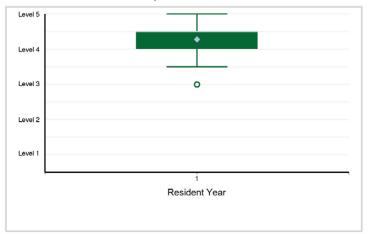


6. Medical Knowledge - MK3 - Treatment and Management A. Somatic therapy B. Non-pharmacological therapies ...

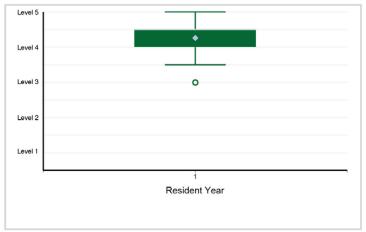


### SUBSPECIALTY: Geriatric Psychiatry

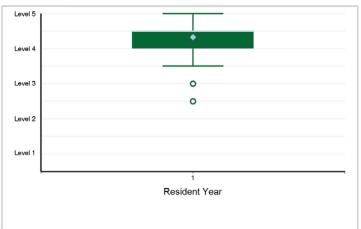
7. Systems-Based Practice - SBP1 - Patient Safety and the Health Care Team A. Medical errors and improvement  $\dots$ 



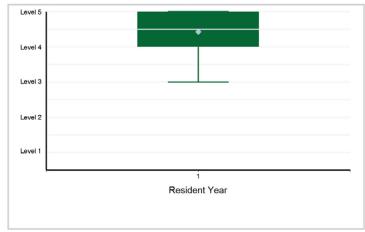
 Systems-Based Practice - SBP2 - Resource Management: Costs of care and resource management



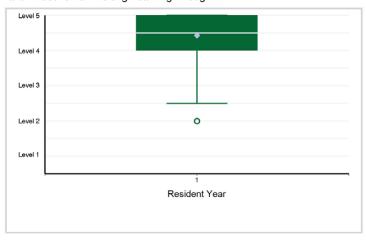
9. Systems-Based Practice - SBP3 - Community-based Care A. Community-based programs B. Self-help groups C. Recovery and rehabilitation



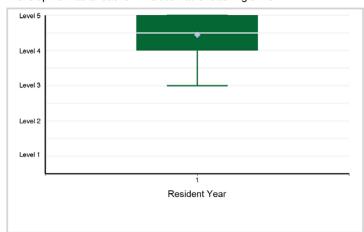
10. Systems-Based Practice - SBP4 - Consultation to non-psychiatric medical providers and non-medical systems  $\dots$ 



11. Practice-Based Learning and Improvement - PBLI1 - Development and Execution of Lifelong Learning through  $\dots$ 

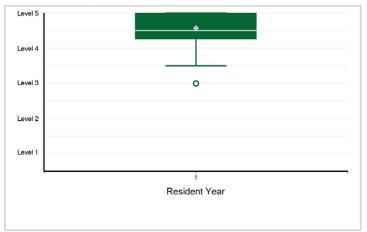


12. Practice-Based Learning and Improvement - PBLI2 - Teaching A. Development as a teacher B. Observable teaching skills

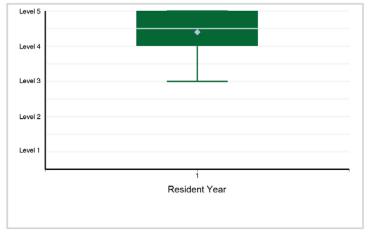


## **SUBSPECIALTY: Geriatric Psychiatry**

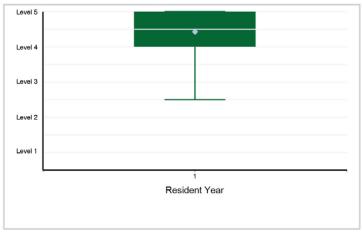
13. Professionalism - PROF1 - Compassion, Integrity, Respect for Others, Sensitivity to Diverse Patient ...



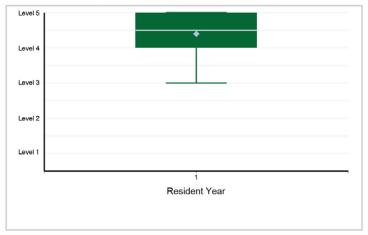
14. Professionalism - PROF2 - Accountability to Self, Patients, Colleagues, and the Profession A. Fatigue ...



15. Interpersonal and Communication Skills - ICS1 - Relationship Development and Conflict Management with  $\dots$ 



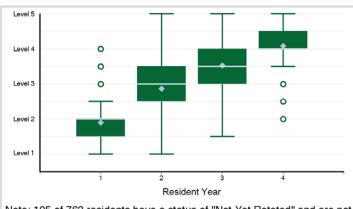
16. Interpersonal and Communication Skills - ICS2 - Information Sharing and Record Keeping A. Accurate and ...



### TABLE 130: SPECIALTY: Radiation Oncology

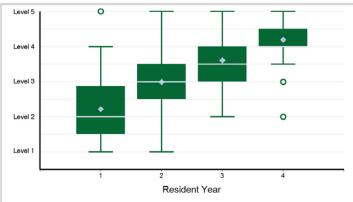
Resident Year	1	2	3	4	Total Residents
# of Residents	186	197	186	194	763

### 1. Patient Care - Lymphoma — Patient Care



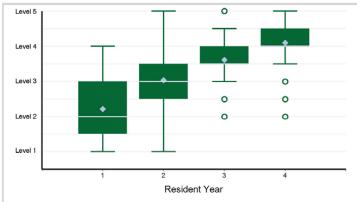
Note: 105 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 3. Patient Care - Genitourinary (GU) — Patient Care



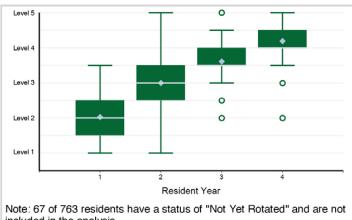
Note: 21 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 5. Patient Care - Breast - Patient Care



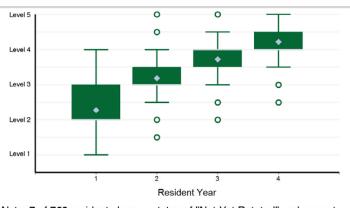
Note: 37 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 2. Patient Care - Head and Neck - Patient Care



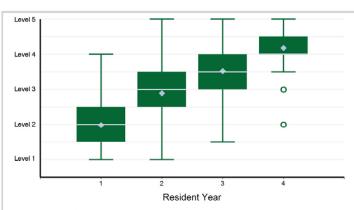
included in the analysis.

#### 4. Patient Care - Palliation - Patient Care



Note: 7 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

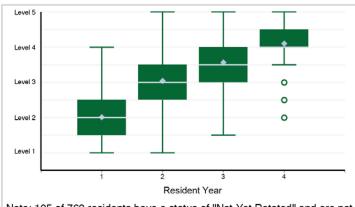
## 6. Patient Care - Gastrointestinal (GI) - Patient Care



Note: 67 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

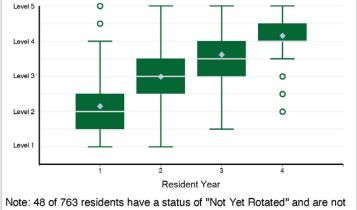
### SPECIALTY: Radiation Oncology

### 7. Patient Care - Gynecologic (GYN) — Patient Care



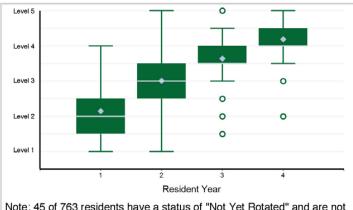
Note: 105 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 8. Patient Care - Lung — Patient Care



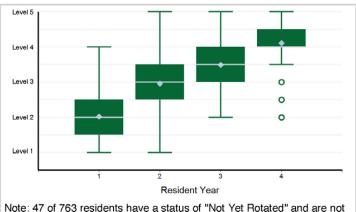
included in the analysis.

#### 9. Patient Care - Adult Brain Tumor - Patient Care



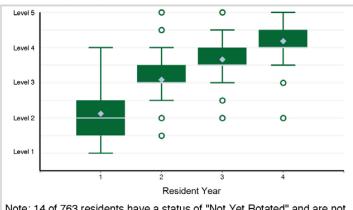
Note: 45 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 10. Patient Care - Brachytherapy — Patient Care



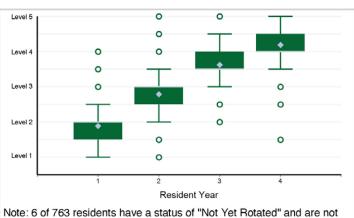
Note: 47 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 11. Patient Care - Stereotactic Radiosurgery (SRS)/Stereotactic Body Radiotherapy (SBRT) - Patient Care



Note: 14 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

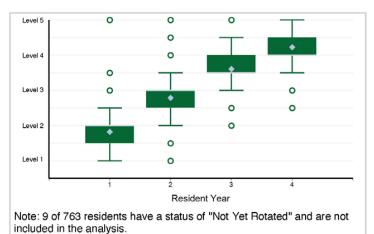
#### 12. Medical Knowledge - Medical Physics - Medical Knowledge



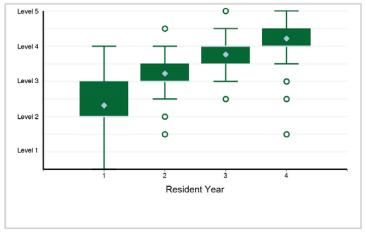
included in the analysis.

## SPECIALTY: Radiation Oncology

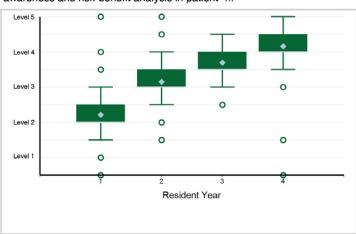
13. Medical Knowledge - Radiation/Cancer Biology — Medical Knowledge



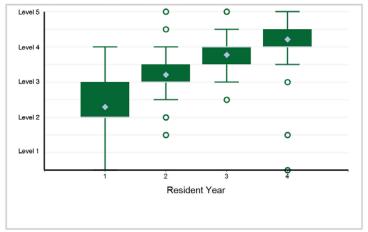
14. Systems-Based Practice - Work and coordinate patient care effectively in various health care delivery ...



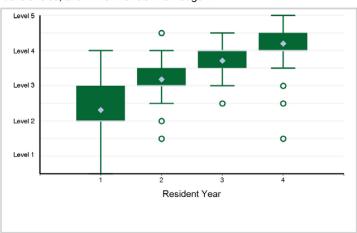
15. Systems-Based Practice - Incorporate considerations of cost awareness and risk-benefit analysis in patient- ...



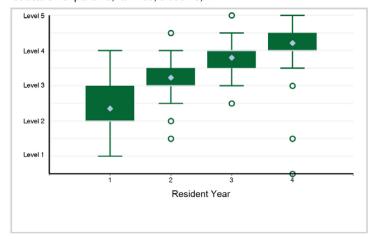
16. Systems-Based Practice - Work in interprofessional teams to enhance patient safety and improve patient ...



17. Practice-Based Learning and Improvement - Identify strengths, deficiencies, and limits in one's knowledge ...

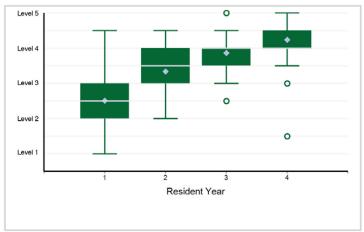


18. Practice-Based Learning and Improvement - Participate in the education of patients, families, students, ...

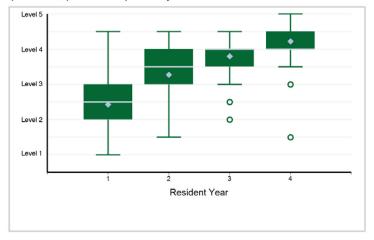


### SPECIALTY: Radiation Oncology

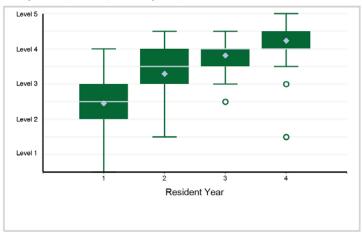
19. Professionalism - Compassion, integrity, and respect for others, as well as sensitivity and responsiveness  $\dots$ 



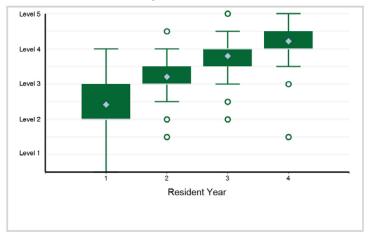
20. Professionalism - Accountability to patients, society, and the profession; personal responsibility to ...



21. Interpersonal and Communication Skills - Effective communication with patients, families, and the public,  $\dots$ 



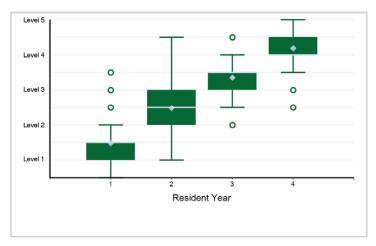
22. Interpersonal and Communication Skills - Effective member or leader of a health care team or other professional ...



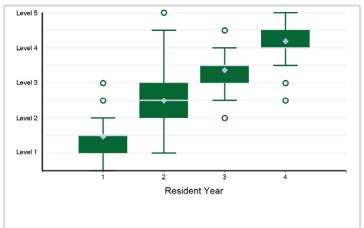
### TABLE 131: SPECIALTY: Diagnostic Radiology

Resident Year	1	2	3	4	Total Residents
# of Residents	1,135	1,123	1,102	1,073	4,433

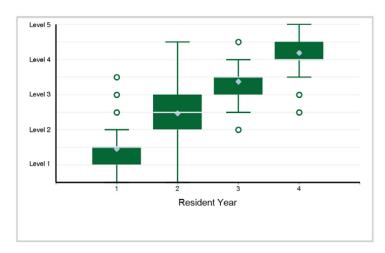
### 1. Patient Care - Patient Care 1: Reporting



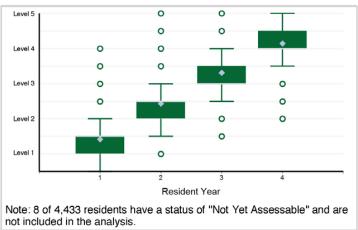
### 2. Patient Care - Patient Care 2: Clinical Consultation



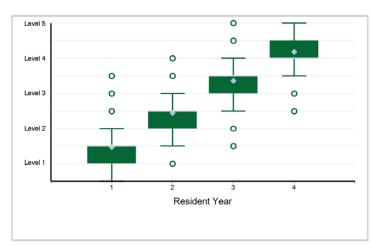
### 3. Patient Care - Patient Care 3: Image Interpretation



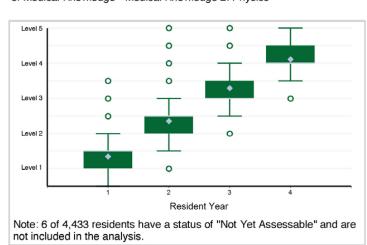
4. Patient Care - Patient Care 4: Competence in Procedures



## 5. Medical Knowledge - Medical Knowledge 1: Diagnostic Knowledge

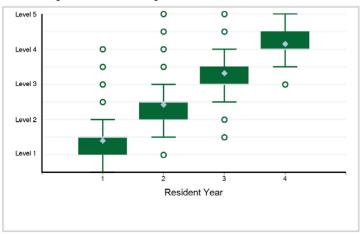


### 6. Medical Knowledge - Medical Knowledge 2: Physics

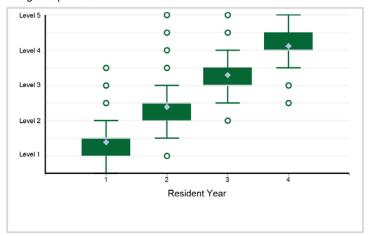


## SPECIALTY: Diagnostic Radiology

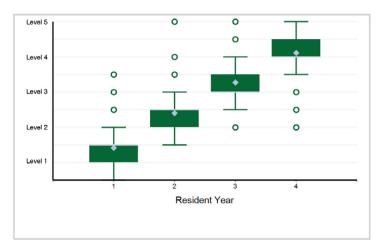
# 7. Medical Knowledge - Medical Knowledge 3: Protocol Selection and Contrast Agent Selection/Dosing



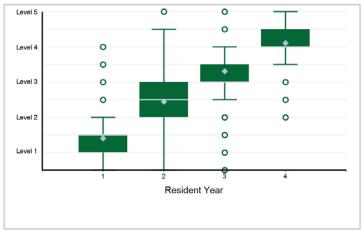
# 8. Medical Knowledge - Medical Knowledge 4: Imaging Technology and Image Acquisition



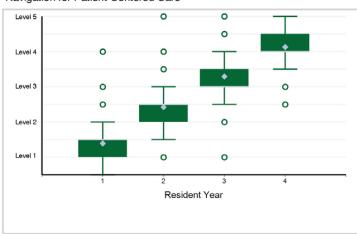
#### 9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



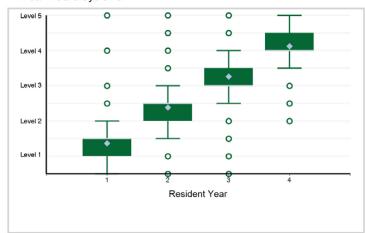
10. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement



# 11. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care

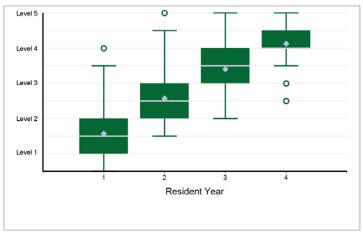


12. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems

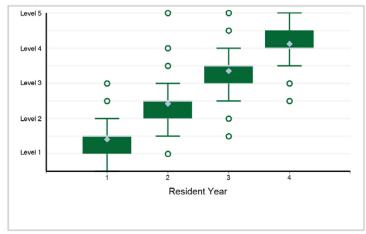


### SPECIALTY: Diagnostic Radiology

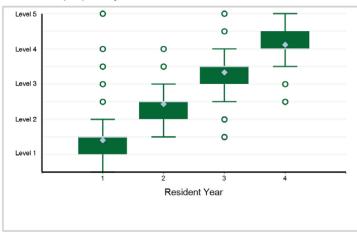
# 13. Systems-Based Practice - Systems-Based Practice 5: Contrast Agent Safety



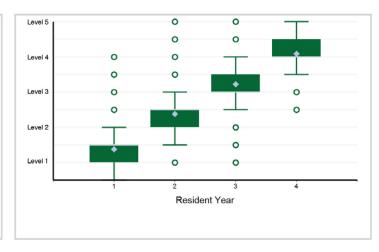
# 14. Systems-Based Practice - Systems-Based Practice 6: Radiation Safety



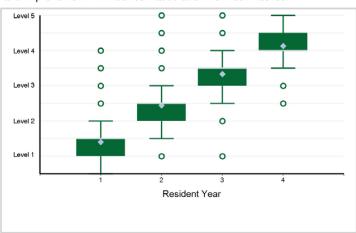
15. Systems-Based Practice - Systems-Based Practice 7: Magnetic Resonance (MR) Safety



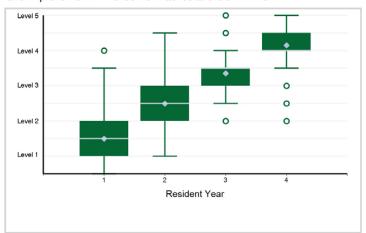
16. Systems-Based Practice - Systems-Based Practice 8: Informatics



17. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice

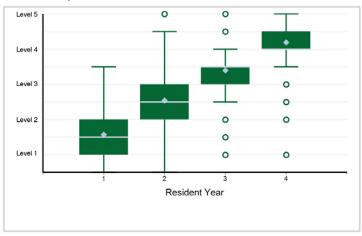


18. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

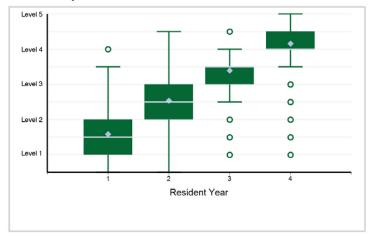


### SPECIALTY: Diagnostic Radiology

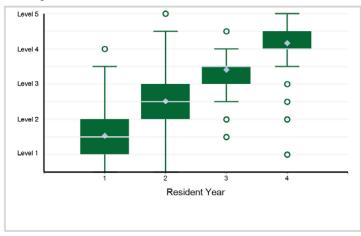
19. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



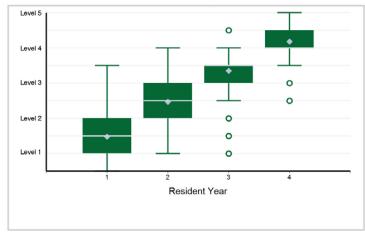
20. Professionalism - Professionalism 2: Accountability/Conscientiousness



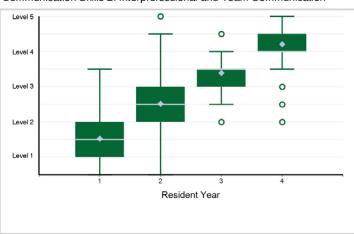
21. Professionalism - Professionalism 3: Self-Awareness and Help Seeking



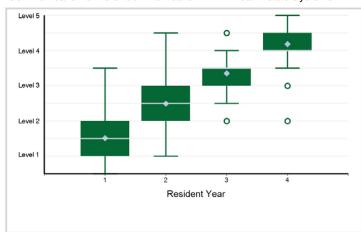
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



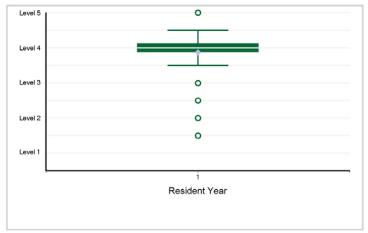
24. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



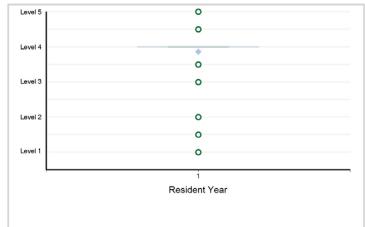
## TABLE 132: SUBSPECIALTY: Abdominal Radiology

Resident Year	1	Total Residents		
# of Residents	52	52		

### 1. Patient Care - Consultant — Patient Care 1



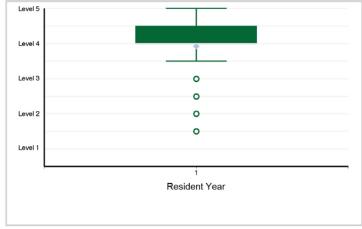
### 2. Patient Care - Competence in Procedures — Patient Care 2



### 3. Patient Care - Patient Safety — Patient Care 3



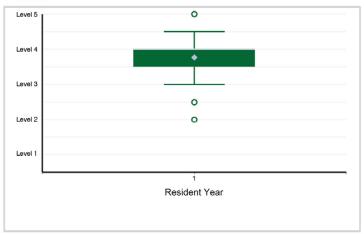
 Medical Knowledge - Protocol Selection and Optimization of Imaging — Medical Knowledge 1



### 5. Medical Knowledge - Interpretation — Medical Knowledge 2

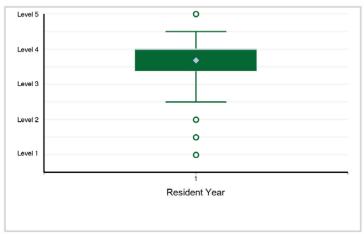


6. Systems-Based Practice - Quality Improvement (QI) — Systems-Based Practice 1

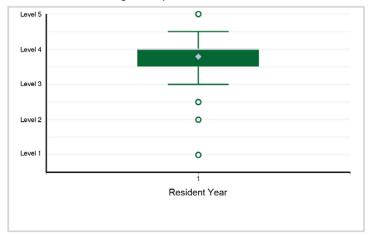


### SUBSPECIALTY: Abdominal Radiology

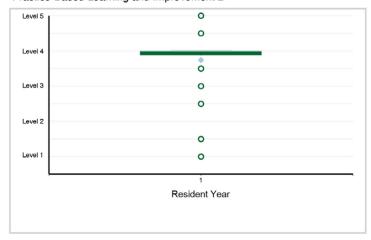
# 7. Systems-Based Practice - Health Care Economics — Systems-Based Practice 2



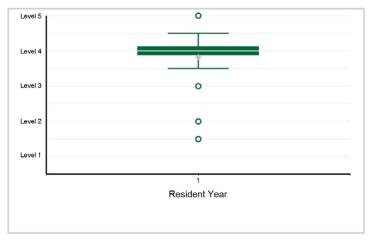
# Practice-Based Learning and Improvement - Self-directed learning — Practice-Based Learning and Improvement 1



# 9. Practice-Based Learning and Improvement - Scholarly Activity — Practice-Based Learning and Improvement 2



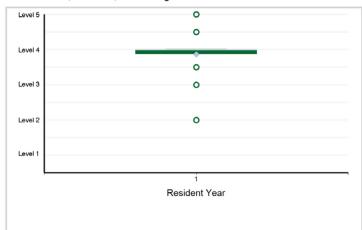
### 10. Professionalism - Individual — Professionalism 1



#### 11. Professionalism - Systems — Professionalism 2



# 12. Interpersonal and Communication Skills - Effective Communication with Patients, Families, and Caregivers $\dots$



## SUBSPECIALTY: Abdominal Radiology

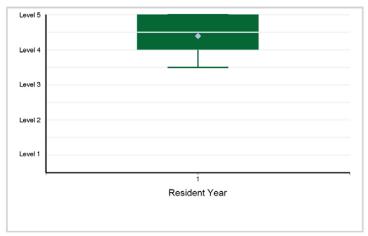
13. Interpersonal and Communication Skills - Effective communication with members of the health care team  $\dots$ 



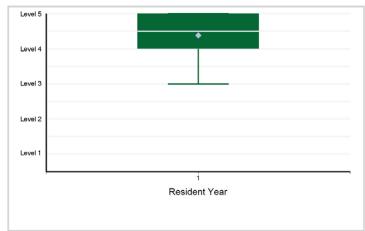
## TABLE 133: SUBSPECIALTY: Musculoskeletal Radiology

Resident Year	1	Total Residents		
# of Residents	39	39		

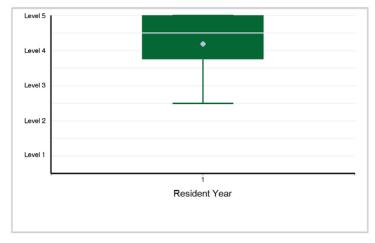
### 1. Patient Care - Patient Care 1: Consultant



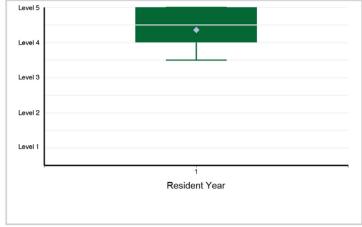
### 2. Patient Care - Patient Care 2: Diagnostic and Therapeutic Procedures



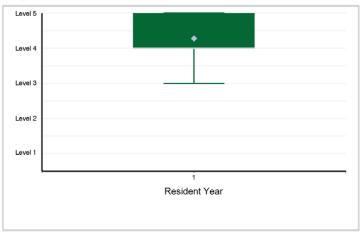
### 3. Patient Care - Patient Care 3: Musculoskeletal Radiology Reporting



 Medical Knowledge - Medical Knowledge 1: Image Interpretation – Anatomy and Physiology



# 5. Medical Knowledge - Medical Knowledge 2: Image Interpretation - Diagnosis



### 6. Medical Knowledge - Medical Knowledge 3: Protocols

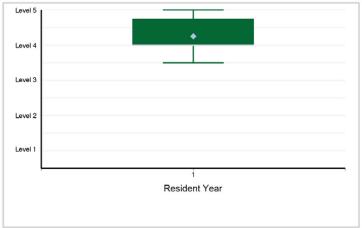


### SUBSPECIALTY: Musculoskeletal Radiology

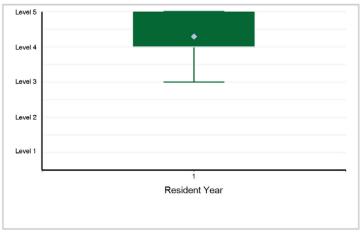
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



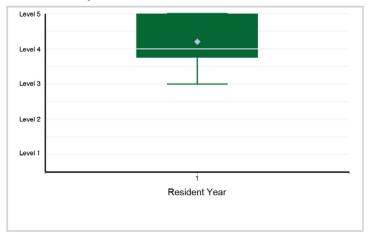
8. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement



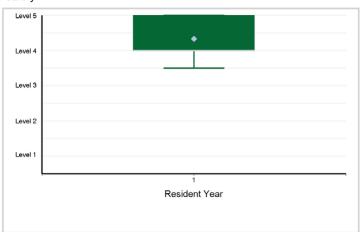
9. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care



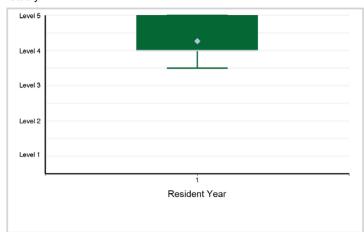
10. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



11. Systems-Based Practice - Systems-Based Practice 5: Contrast Agent Safety

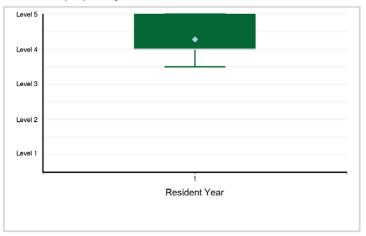


12. Systems-Based Practice - Systems-Based Practice 6: Radiation Safety

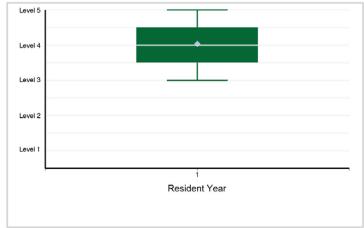


### SUBSPECIALTY: Musculoskeletal Radiology

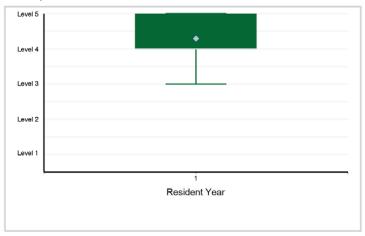
# 13. Systems-Based Practice - Systems-Based Practice 7: Magnetic Resonance (MR) Safety



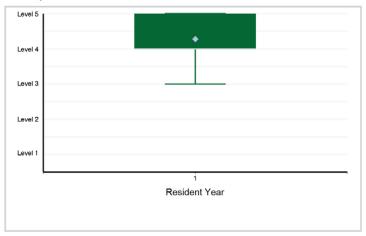
#### 14. Systems-Based Practice - Systems-Based Practice 8: Informatics



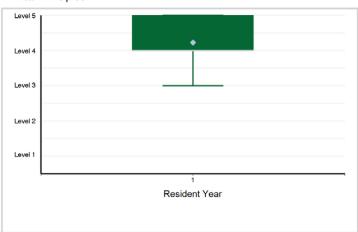
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



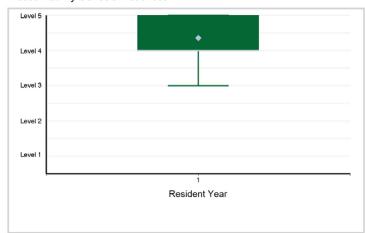
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



17. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

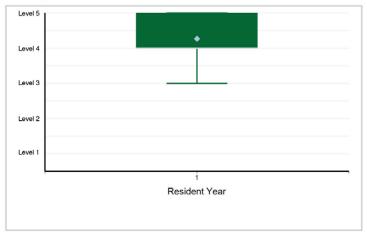


18. Professionalism - Professionalism 2: Accountability/Conscientiousness

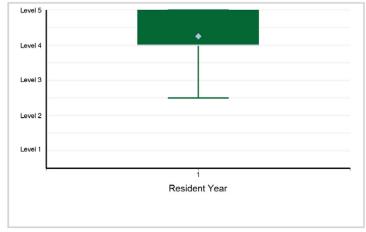


### SUBSPECIALTY: Musculoskeletal Radiology

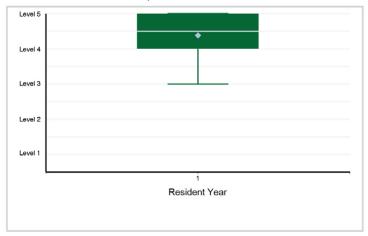
# 19. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



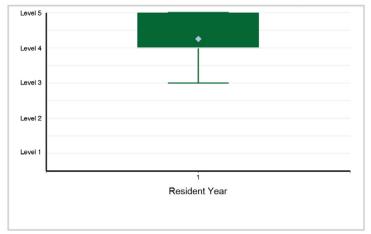
# 20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



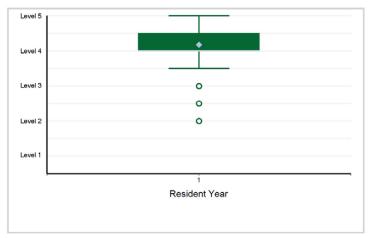
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



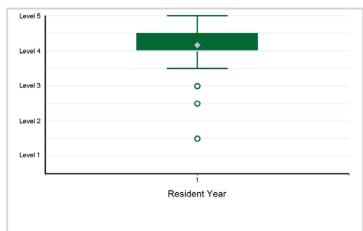
### TABLE 134: SUBSPECIALTY: Neuroradiology

Resident Year	1	Total Residents	
# of Residents	296	296	

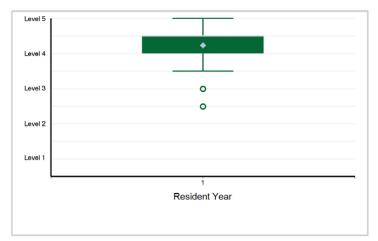
### 1. Patient Care - Patient Care 1: Reporting



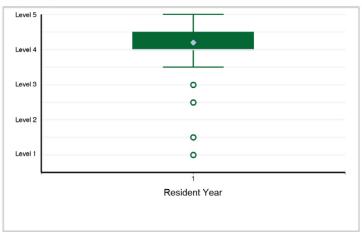
### 2. Patient Care - Patient Care 2: Consultant in Neuroradiology



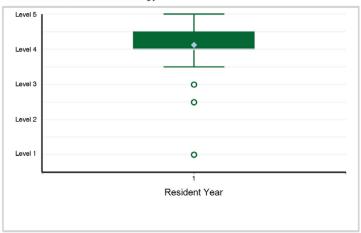
### 3. Patient Care - Patient Care 3: Interpretation of Neuroimaging



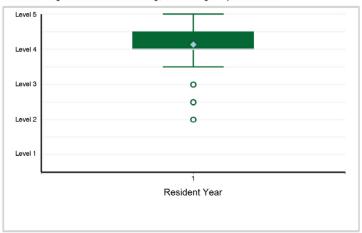
4. Patient Care - Patient Care 4: Competence in Neuroradiology Procedures



# 5. Medical Knowledge - Medical Knowledge 1: Application of Neuroscience to Neuroradiology

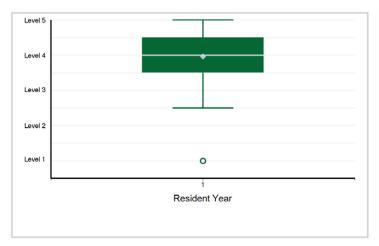


6. Medical Knowledge - Medical Knowledge 2: Protocol Selection, Contrast Agent Selection/Dosing, and Image Optimization

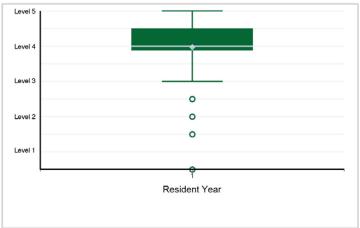


## SUBSPECIALTY: Neuroradiology

7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



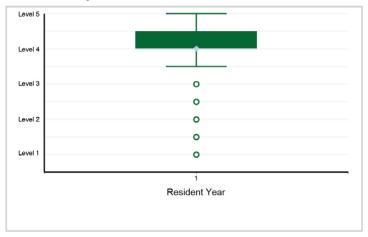
8. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement



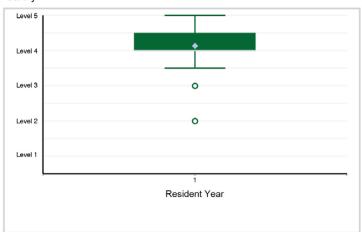
9. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care



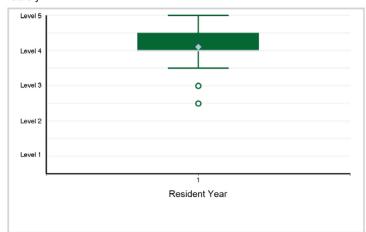
10. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



11. Systems-Based Practice - Systems-Based Practice 5: Contrast Agent Safety

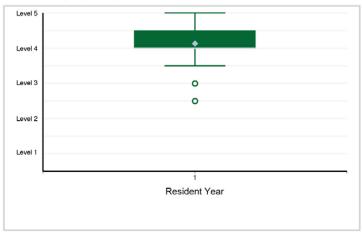


12. Systems-Based Practice - Systems-Based Practice 6: Radiation Safety



## SUBSPECIALTY: Neuroradiology

# 13. Systems-Based Practice - Systems-Based Practice 7: Magnetic Resonance (MR) Safety



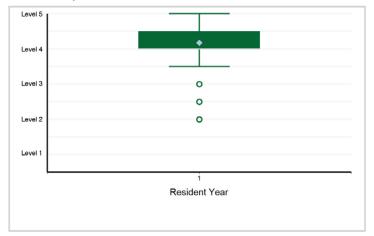
# 14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



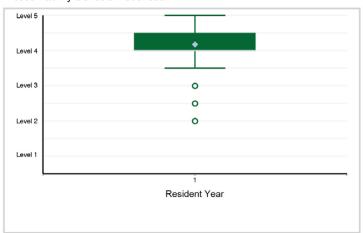
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



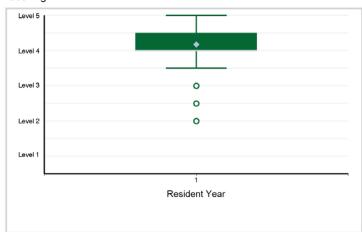
16. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



# 17. Professionalism - Professionalism 2: Accountability/Conscientiousness



# 18. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking

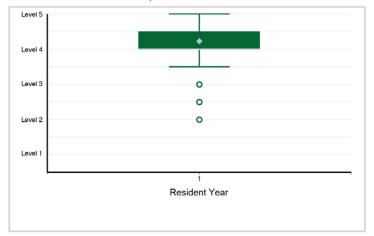


## SUBSPECIALTY: Neuroradiology

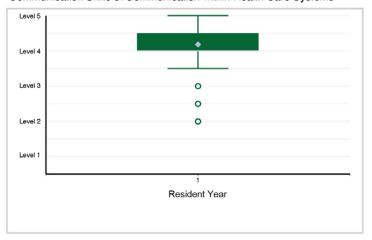
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



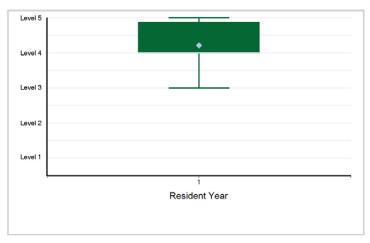
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



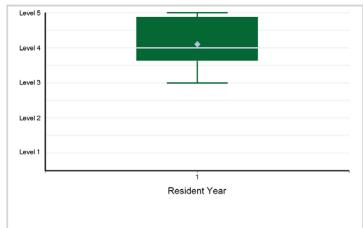
### TABLE 135: SUBSPECIALTY: Nuclear Radiology

Resident Year	1	Total Residents	
# of Residents	14	14	

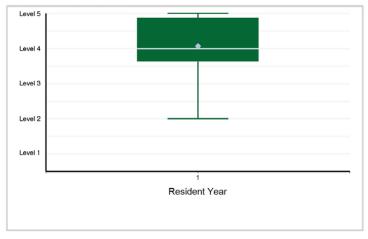
### 1. Patient Care - Patient Care 1: Diagnostic Non-Cardiac Examinations



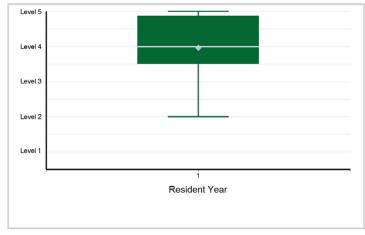
#### 2. Patient Care - Patient Care 2: Diagnostic Cardiac Examinations



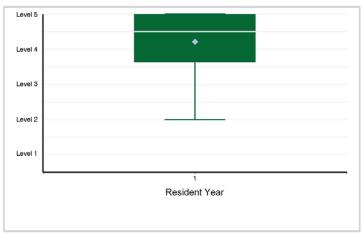
# 3. Patient Care - Patient Care 3: Radiopharmaceutical Therapies: Oral 131-I Nal and Parenteral



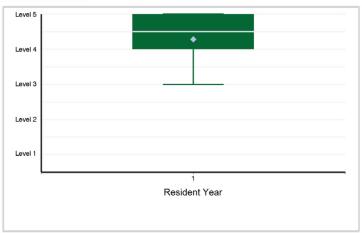
4. Medical Knowledge - Medical Knowledge 1: Physics and Instrumentation



# 5. Medical Knowledge - Medical Knowledge 2: Radiopharmaceuticals and Pharmaceuticals

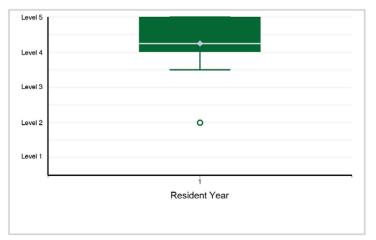


6. Medical Knowledge - Medical Knowledge 3: Molecular Imaging and Radiotheranostics

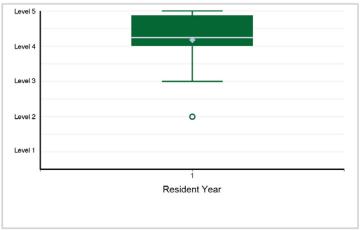


## SUBSPECIALTY: Nuclear Radiology

7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



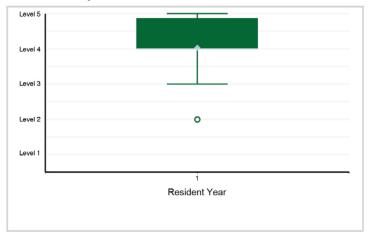
8. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement



9. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care



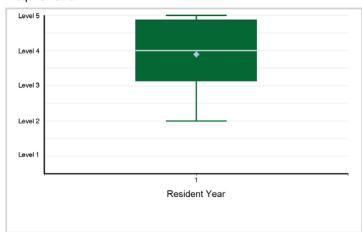
10. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems



11. Systems-Based Practice - Systems-Based Practice 5: Radiation Safety

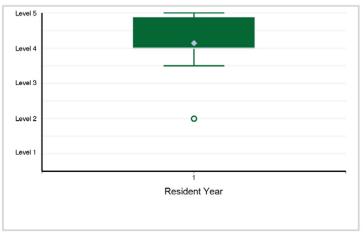


12. Systems-Based Practice - Systems-Based Practice 6: Regulatory Requirements

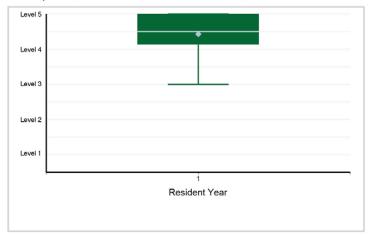


## SUBSPECIALTY: Nuclear Radiology

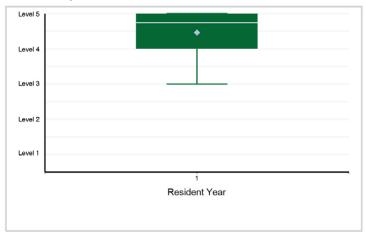
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



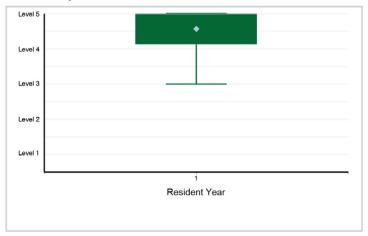
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



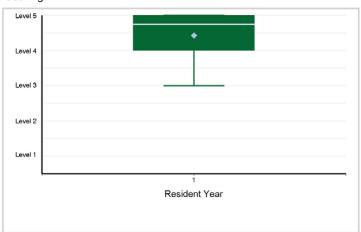
15. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



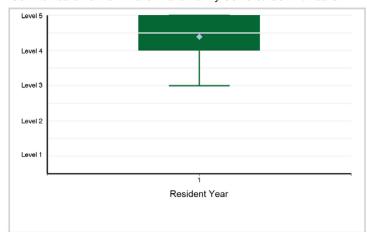
16. Professionalism - Professionalism 2: Accountability/Conscientiousness



17. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking

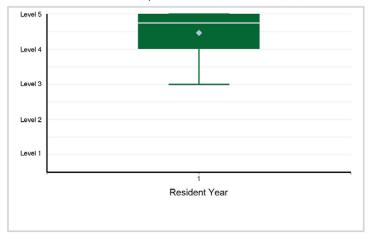


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

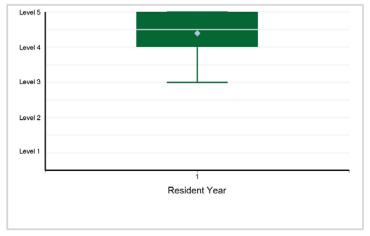


## SUBSPECIALTY: Nuclear Radiology

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



### TABLE 136: SUBSPECIALTY: Pediatric Radiology

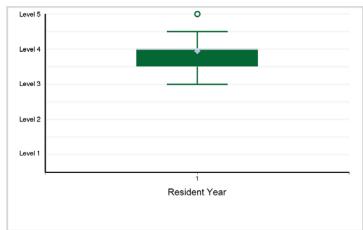
Resident Year	1	Total Residents*	
# of Residents	53	53	

<sup>\*</sup>Note: There are 1 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### 1. Patient Care - Consultant — Patient Care 1



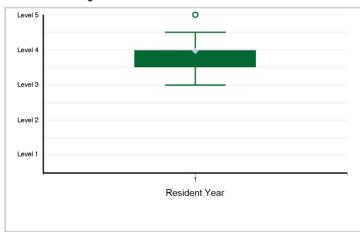
#### 2. Patient Care - Safety - Patient Care 2



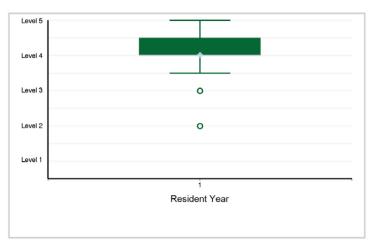
#### 3. Patient Care - Competence in Procedures — Patient Care 3



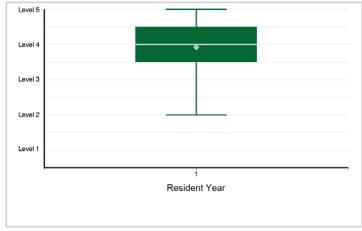
#### Medical Knowledge - Protocol Selection and Optimization of Images — Medical Knowledge 1



### 5. Medical Knowledge - Interpretation — Medical Knowledge 2

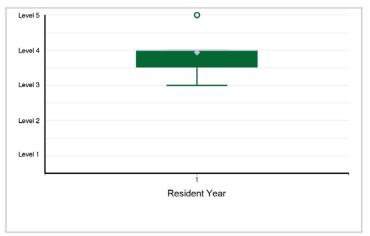


### 6. Medical Knowledge - Knowledge of Basic and Clinical Science Appropriate to Pediatric Radiology — Medical Knowledge 3

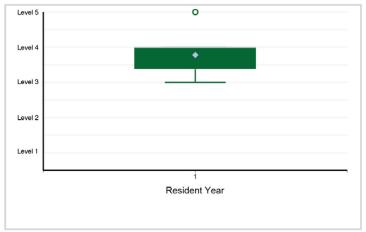


## SUBSPECIALTY: Pediatric Radiology

# 7. Systems-Based Practice - Quality Improvement — Systems-Based Practice 1



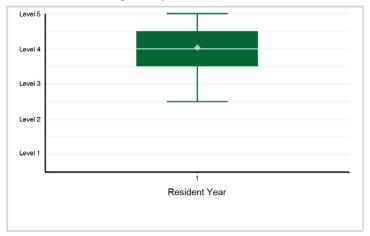
# 8. Systems-Based Practice - Health Care Economics — Systems-Based Practice 2



#### Practice-Based Learning and Improvement - Self-directed learning — Practice-Based Learning and Improvement 1



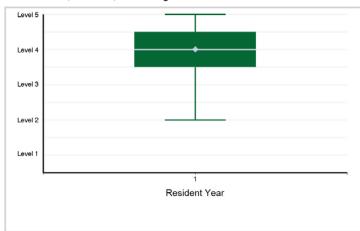
 Practice-Based Learning and Improvement - Scholarly Activity — Practice-Based Learning and Improvement 2



#### 11. Professionalism - Personal — Professionalism 1

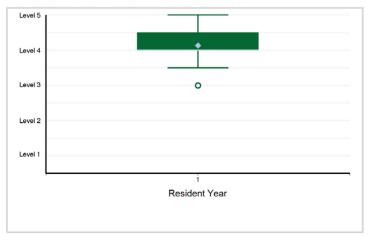


12. Interpersonal and Communication Skills - Effective Communication with Patients, Families, and Caregivers  $\dots$ 

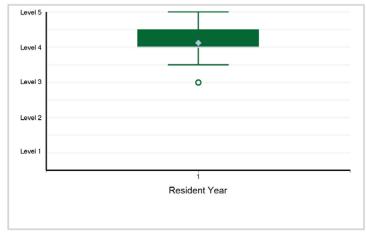


## **SUBSPECIALTY: Pediatric Radiology**

13. Interpersonal and Communication Skills - Effective Communication with Members of the Health Care Team  $\dots$ 



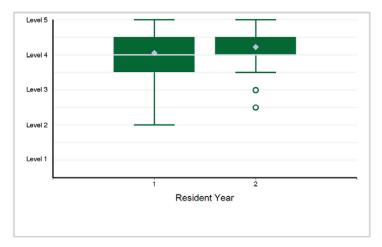
14. Interpersonal and Communication Skills - Effective Teaching — Interpersonal and Communication Skills 3



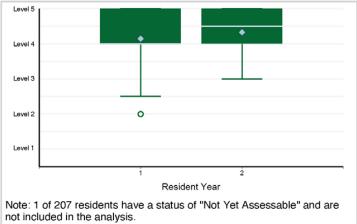
### TABLE 137: SPECIALTY: Interventional Radiology - Independent

Resident Year	1	2	Total Residents
# of Residents	127	80	207

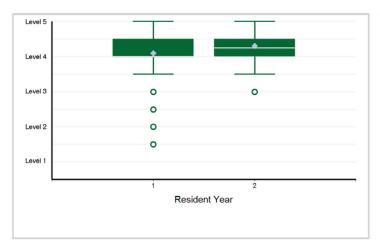
### 1. Patient Care - Patient Care 1: Reporting



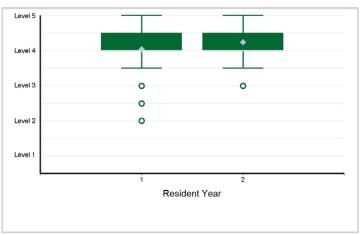
#### 2. Patient Care - Patient Care 2: Imaging Consultation



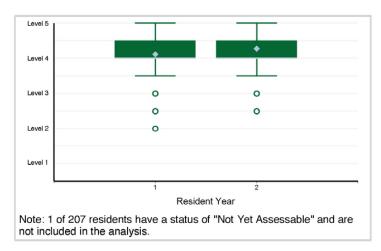
#### 3. Patient Care - Patient Care 3: Pre-Procedural Consultation



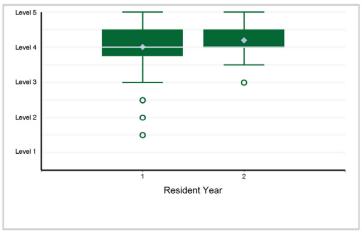
### 4. Patient Care - Patient Care 4: Performance of Procedures



### 5. Patient Care - Patient Care 5: Post-Procedural Patient Care

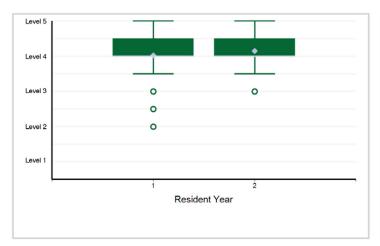


#### Medical Knowledge - Medical Knowledge 1: Pathophysiology and Treatment

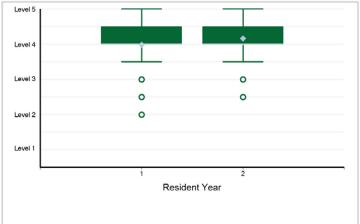


### SPECIALTY: Interventional Radiology - Independent

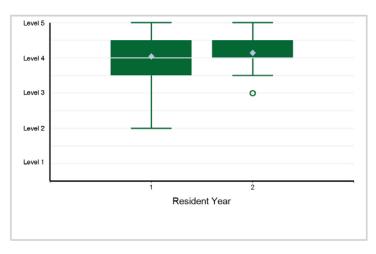
7. Medical Knowledge - Medical Knowledge 2: Procedural Anatomy



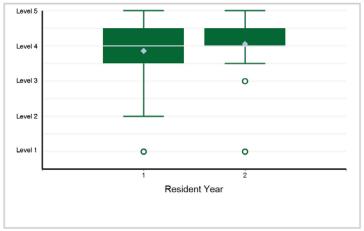
8. Medical Knowledge - Medical Knowledge 3: Pharmacology



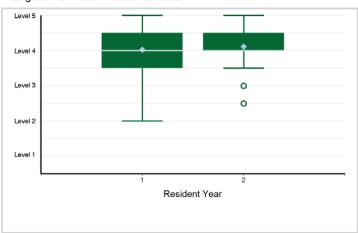
9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



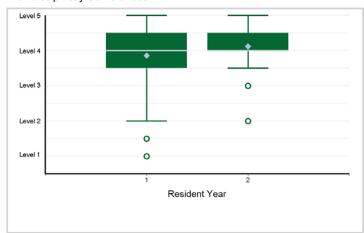
10. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement



11. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care

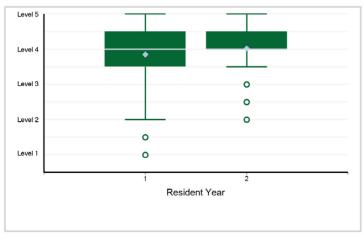


12. Systems-Based Practice - Systems-Based Practice 4: Multidisciplinary Conferences

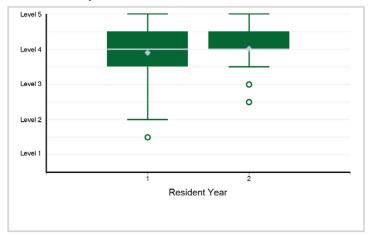


### SPECIALTY: Interventional Radiology - Independent

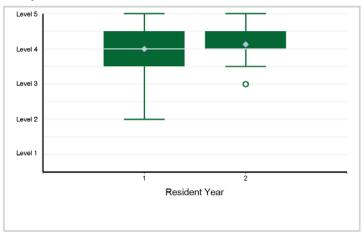
# 13. Systems-Based Practice - Systems-Based Practice 5: Population Health



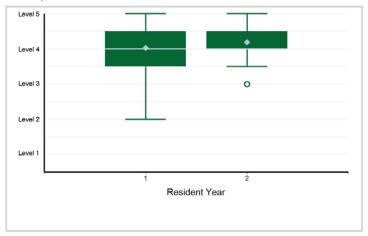
14. Systems-Based Practice - Systems-Based Practice 6: Physician Role in Health Care Systems



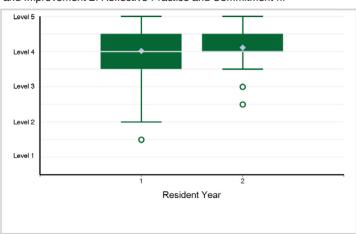
15. Systems-Based Practice - Systems-Based Practice 7: Radiation Safety



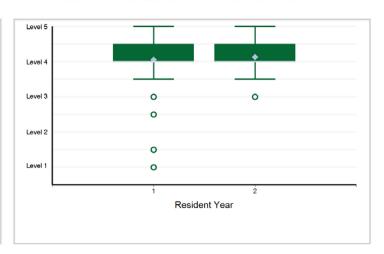
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



17. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

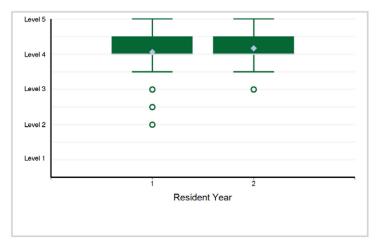


18. Professionalism - Professionalism 1: Professional Behavior

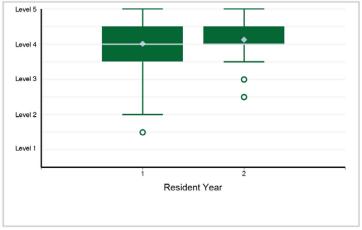


### SPECIALTY: Interventional Radiology - Independent

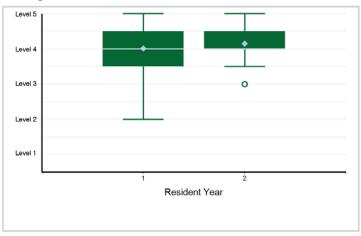
### 19. Professionalism - Professionalism 2: Ethical Principles



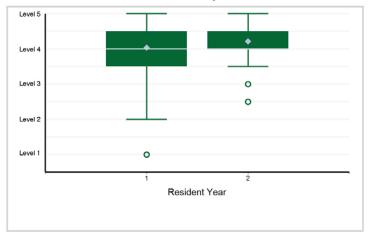
20. Professionalism - Professionalism 3: Accountability/Conscientiousness



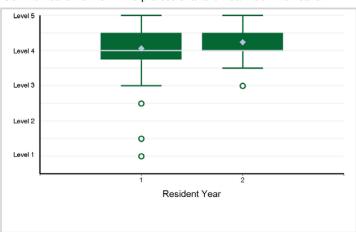
21. Professionalism - Professionalism 4: Self-Awareness and Help-Seeking



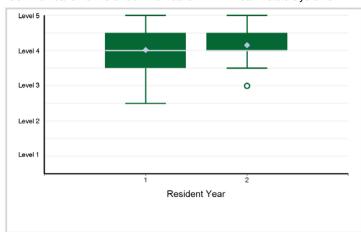
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



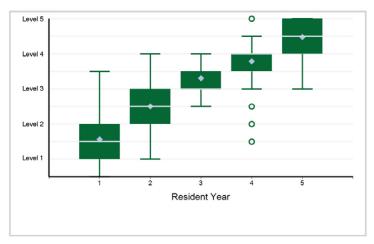
24. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



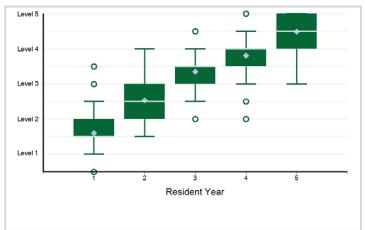
## TABLE 138: SPECIALTY: Interventional Radiology - Integrated

Resident Year	1	2	3	4	5	Total Residents
# of Residents	148	153	132	133	84	650

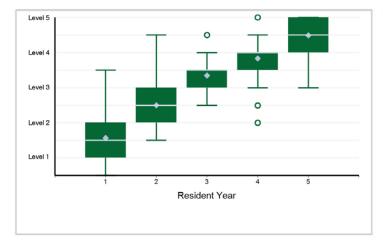
### 1. Patient Care - Patient Care 1: Reporting



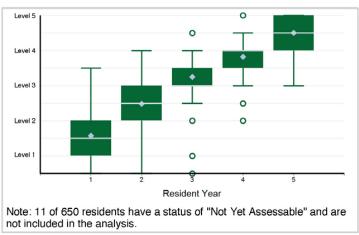
### 2. Patient Care - Patient Care 2: Imaging Consultation



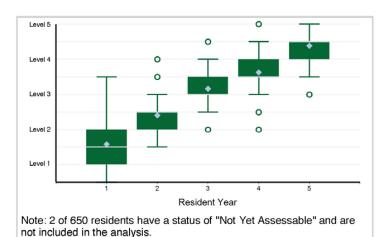
### 3. Patient Care - Patient Care 3: Image Interpretation



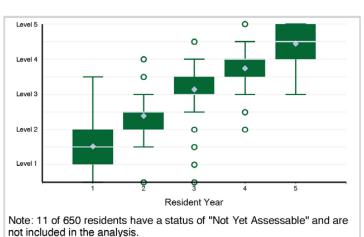
### 4. Patient Care - Patient Care 4: Pre-Procedural Consultation



#### 5. Patient Care - Patient Care 5: Performance of Procedures

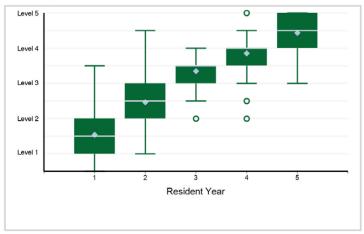


### 6. Patient Care - Patient Care 6: Post-Procedural Patient Care

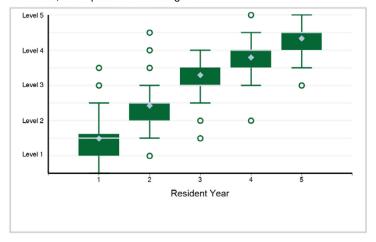


## SPECIALTY: Interventional Radiology - Integrated

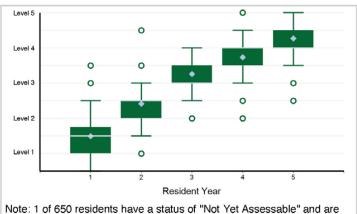
#### 7. Medical Knowledge - Medical Knowledge 1: Diagnostic Imaging Knowledge



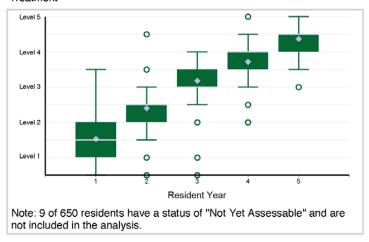
#### 8. Medical Knowledge - Medical Knowledge 2: Physics, Protocol Selection, and Optimization of Images



#### 9. Medical Knowledge - Medical Knowledge 3: Imaging Technology and Image Acquisition

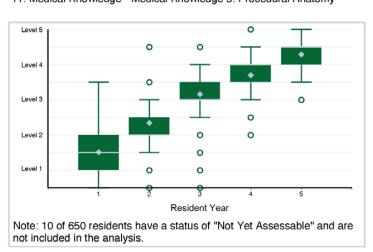


10. Medical Knowledge - Medical Knowledge 4: Pathophysiology and Treatment

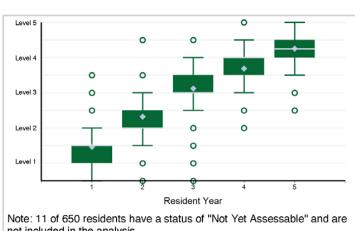


### 11. Medical Knowledge - Medical Knowledge 5: Procedural Anatomy

not included in the analysis.



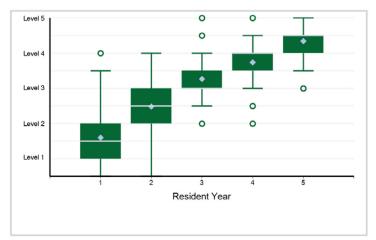
12. Medical Knowledge - Medical Knowledge 6: Pharmacology



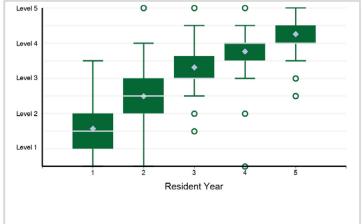
not included in the analysis.

### SPECIALTY: Interventional Radiology - Integrated

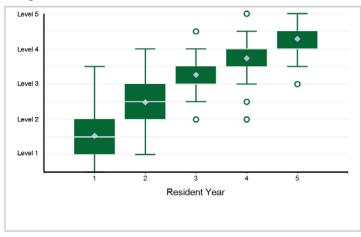
### 13. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



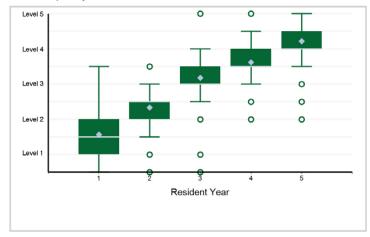
# 14. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement



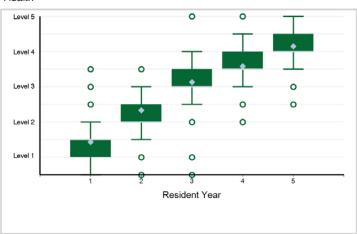
# 15. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care



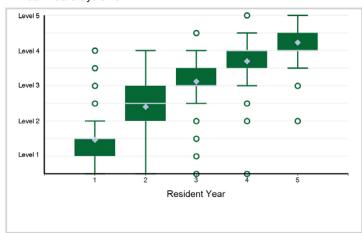
16. Systems-Based Practice - Systems-Based Practice 4: Multidisciplinary Conferences



17. Systems-Based Practice - Systems-Based Practice 5: Population Health

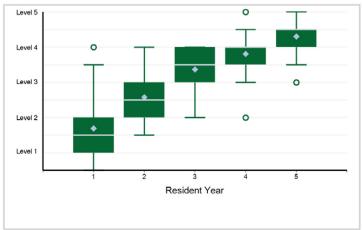


18. Systems-Based Practice - Systems-Based Practice 6: Physician Role in Health Care Systems

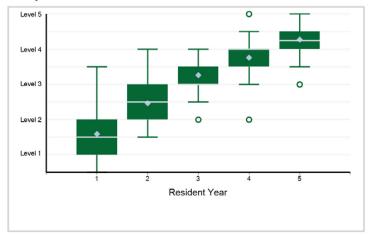


### SPECIALTY: Interventional Radiology - Integrated

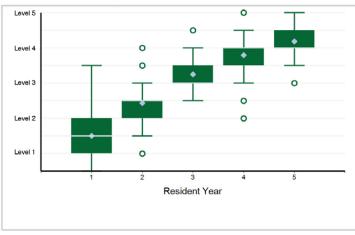
# 19. Systems-Based Practice - Systems-Based Practice 7: Contrast Agent Safety



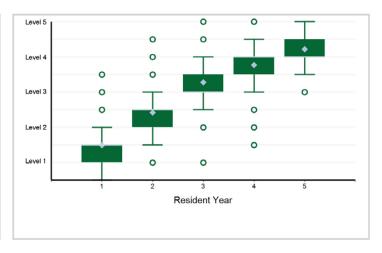
20. Systems-Based Practice - Systems-Based Practice 8: Radiation Safety



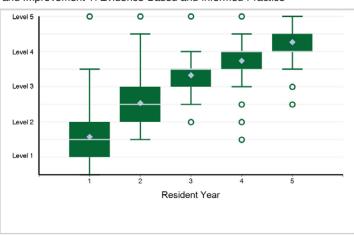
21. Systems-Based Practice - Systems-Based Practice 9: Magnetic Resonance (MR) Safety



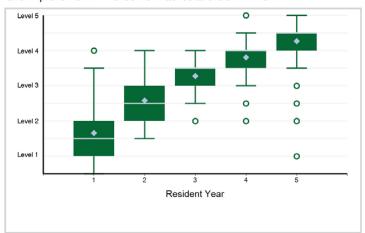
22. Systems-Based Practice - Systems-Based Practice 10: Informatics



23. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice

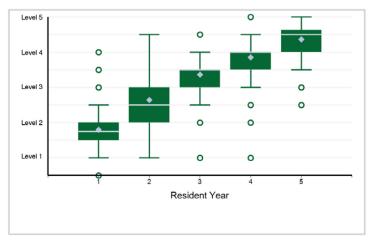


24. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

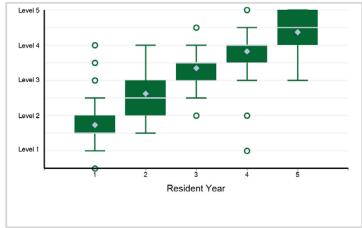


### SPECIALTY: Interventional Radiology - Integrated

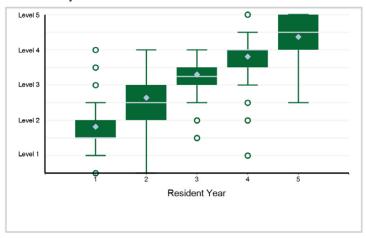
#### 25. Professionalism - Professionalism 1: Professional Behavior



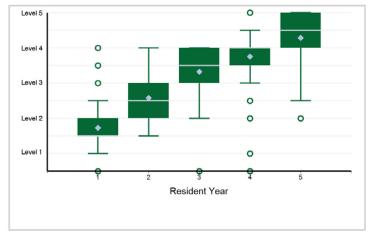
#### 26. Professionalism - Professionalism 2: Ethical Principles



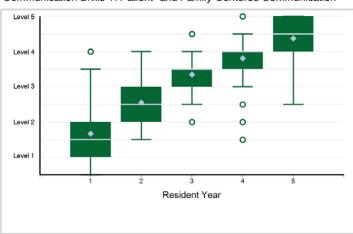
27. Professionalism - Professionalism 3: Accountability/Conscientiousness



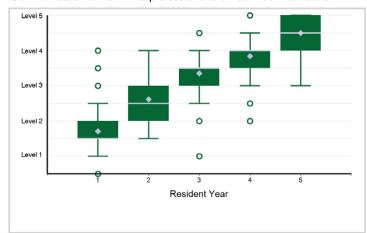
28. Professionalism - Professionalism 4: Self-Awareness and Help-Seeking



29. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

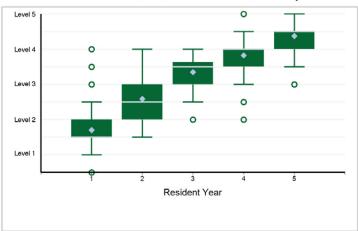


30. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



## SPECIALTY: Interventional Radiology - Integrated

31. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

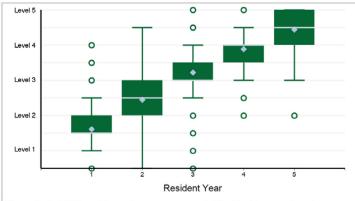


### TABLE 139: SPECIALTY: Surgery

Resident Year	1	2	3	4	5	Total Residents*
# of Residents	2,860	1,832	1,631	1,533	1,477	9,333

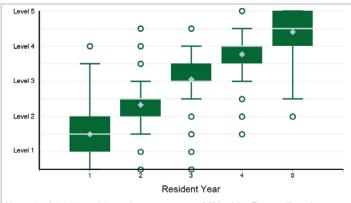
<sup>\*</sup>Note: There are 4 residents with an incomplete milestone evaluation that are excluded from the box plots below.

#### 1. Patient Care - Patient Care 1: Patient Evaluation and Decision Making



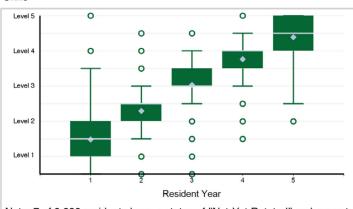
Note: 2 of 9,329 residents have a status of "Not Yet Rotated" and are not included in the analysis.

# 2. Patient Care - Patient Care 2: Intra-Operative Patient Care - Performance of Procedures



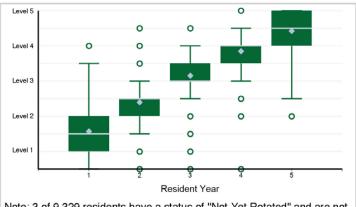
Note: 9 of 9,329 residents have a status of "Not Yet Rotated" and are not included in the analysis.

# 3. Patient Care - Patient Care 3: Intra-Operative Patient Care - Technical Skills



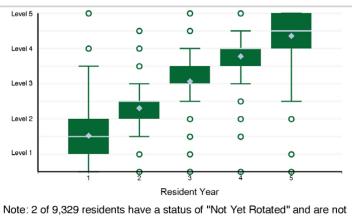
Note: 7 of 9,329 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 4. Patient Care - Patient Care 4: Post-Operative Patient Care



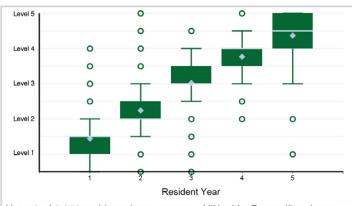
Note: 3 of 9,329 residents have a status of "Not Yet Rotated" and are not included in the analysis.

# 5. Medical Knowledge - Medical Knowledge 1: Pathophysiology and Treatment



e not No

#### 6. Medical Knowledge - Medical Knowledge 2: Anatomy

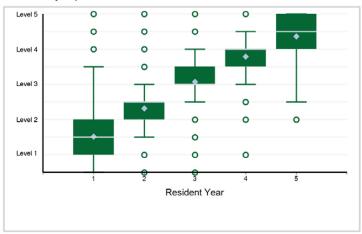


Note: 8 of 9,329 residents have a status of "Not Yet Rotated" and are not included in the analysis.

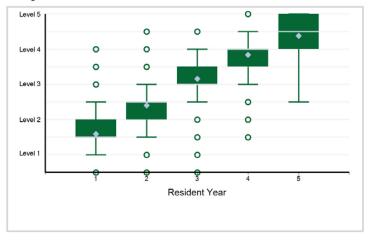
included in the analysis.

### SPECIALTY: Surgery

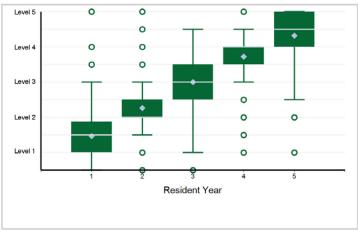
7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



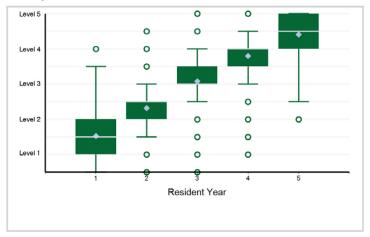
8. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



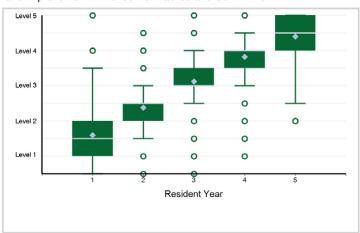
9. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



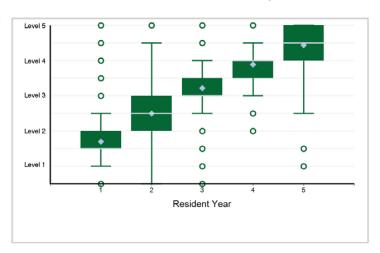
10. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

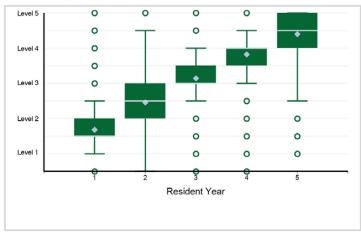


12. Professionalism - Professionalism 1: Ethical Principles

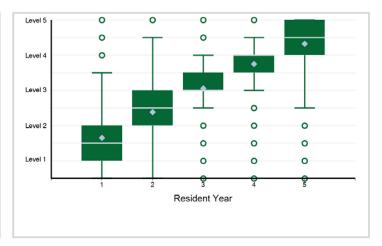


### SPECIALTY: Surgery

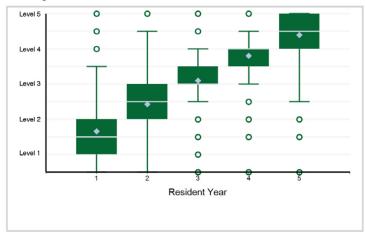
# 13. Professionalism - Professionalism 2: Professional Behavior and Accountability



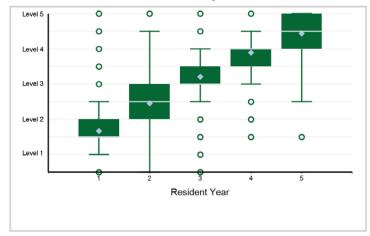
### 14. Professionalism - Professionalism 3: Administrative Tasks



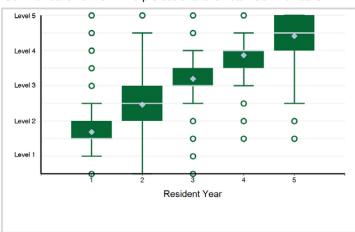
# 15. Professionalism - Professionalism 4: Self-Awareness and Help-Seeking



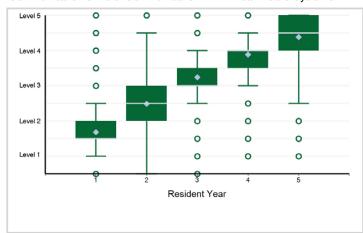
16. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient and Family-Centered Communication



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



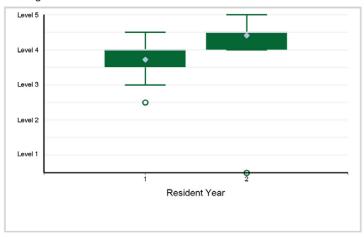
18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



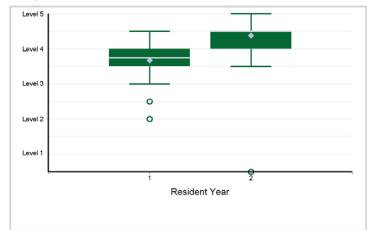
## TABLE 140: SUBSPECIALTY: Complex General Surgical Oncology

Resident Year	1	2	Total Residents
# of Residents	62	62	124

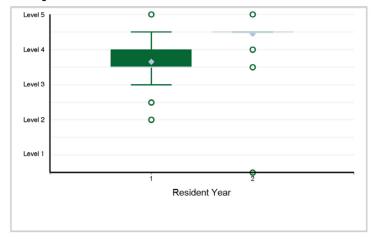
# 1. Patient Care - Patient Care 1: Patient Evaluation and Clinical Decision Making



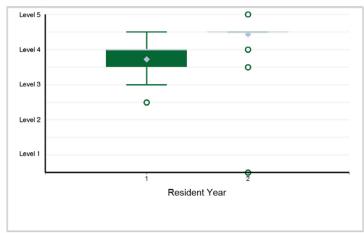
# 2. Patient Care - Patient Care 2: Management of Intra-Operative Complications



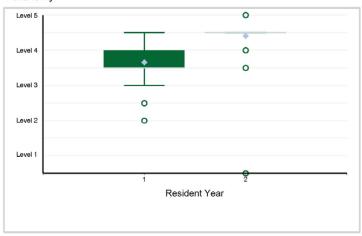
# 3. Patient Care - Patient Care 3: Intra-Operative Oncologic Decision Making



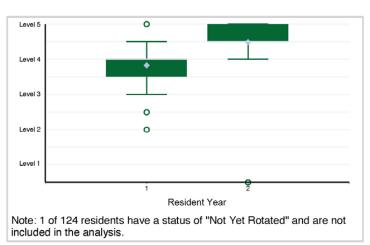
4. Patient Care - Patient Care 4: Intra-Operative Patient Care - Procedural Skills



# 5. Patient Care - Patient Care 5: Intra-Operative Patient Care - Operative Autonomy

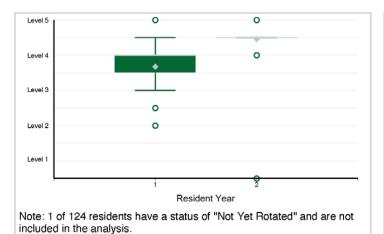


## 6. Patient Care - Patient Care 6: Immediate Post-Operative Care

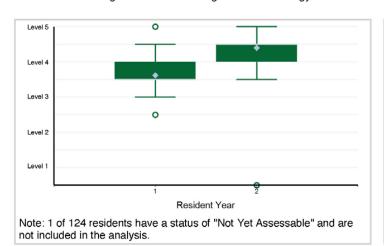


## SUBSPECIALTY: Complex General Surgical Oncology

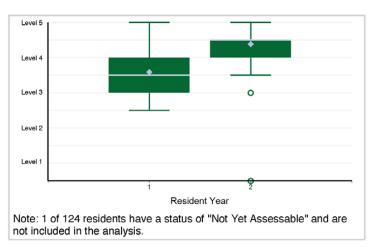
#### 7. Patient Care - Patient Care 7: Post-Operative Oncologic Management



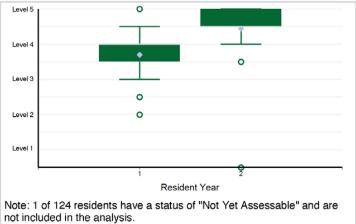
## 9. Medical Knowledge - Medical Knowledge 2: Cancer Biology



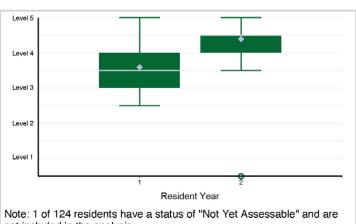
#### 11. Medical Knowledge - Medical Knowledge 4: Clinical Trials



#### 8. Medical Knowledge - Medical Knowledge 1: Anatomy

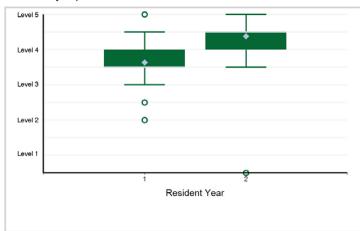


#### 10. Medical Knowledge - Medical Knowledge 3: Therapeutics



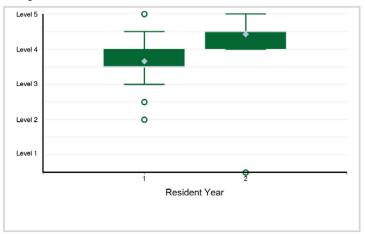
not included in the analysis.

### 12. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement

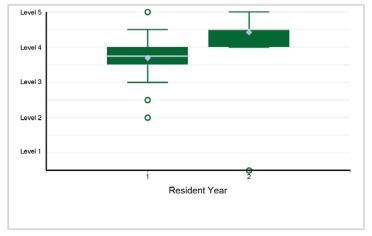


### SUBSPECIALTY: Complex General Surgical Oncology

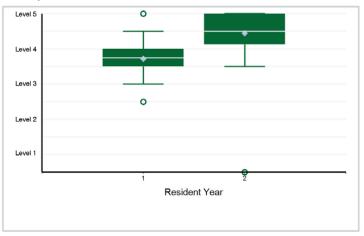
# 13. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



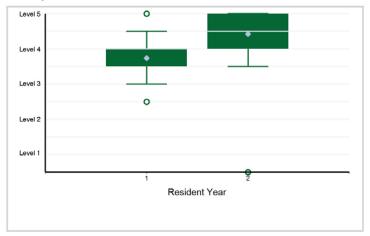
14. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



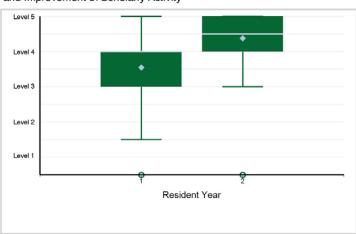
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



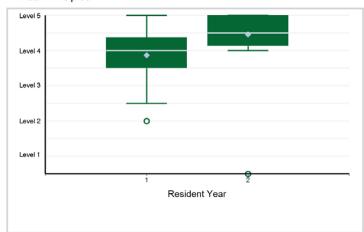
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



17. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 3: Scholarly Activity

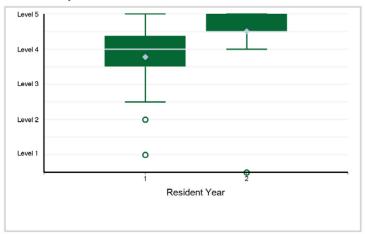


18. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles

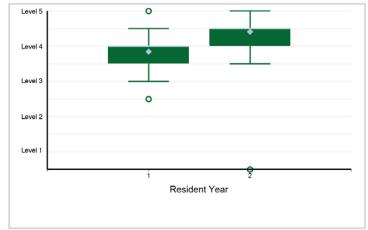


### SUBSPECIALTY: Complex General Surgical Oncology

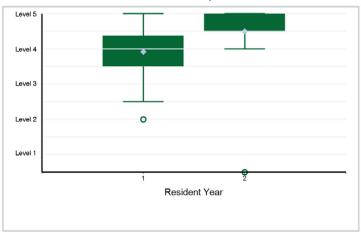
# 19. Professionalism - Professionalism 2: Accountability/Conscientiousness



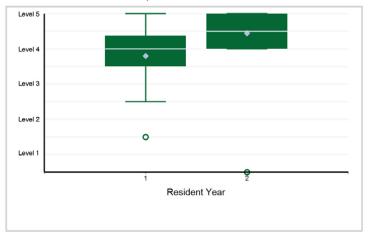
20. Professionalism - Professionalism 3: Well-Being



21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

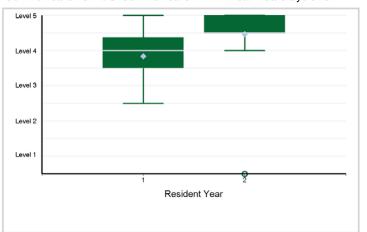
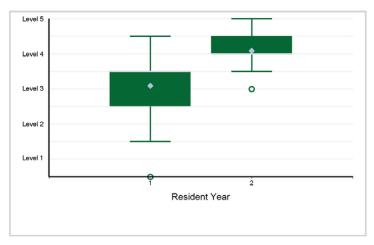


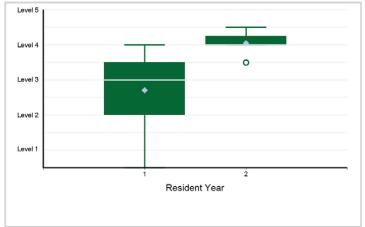
TABLE 141: SUBSPECIALTY: Pediatric Surgery

Resident Year	1	2	Total Residents
# of Residents	47	39	86

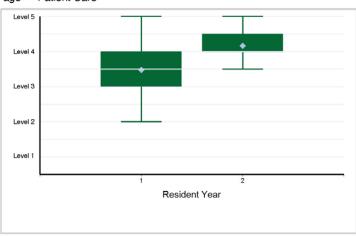
### 1. Patient Care - Bronchoscopy/Esophagoscopy — Patient Care



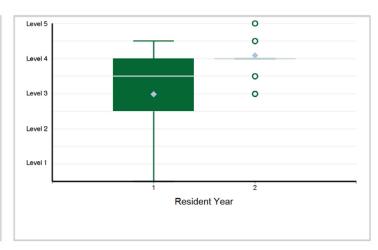
2. Patient Care - Esophageal atresia/Tracheoesophageal Fistula (TEF) Repair — Patient Care



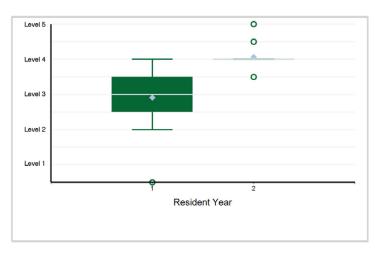
3. Patient Care - Inguinal hernia repair on a child less than six months of age — Patient Care



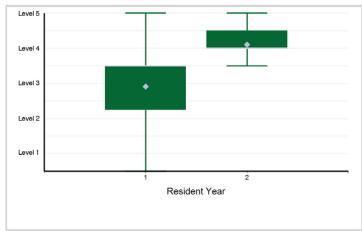
4. Patient Care - Intestinal/duodenal atresia (DA) repair — Patient Care



5. Patient Care - Hirschsprung pull through — Patient Care

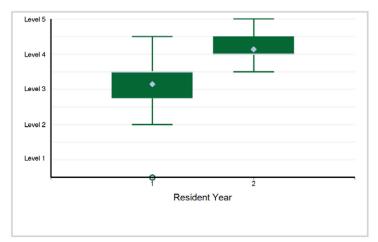


6. Patient Care - Wilms/Neuroblastoma Resection — Patient Care

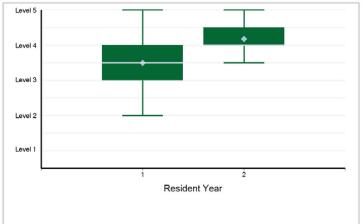


### **SUBSPECIALTY: Pediatric Surgery**

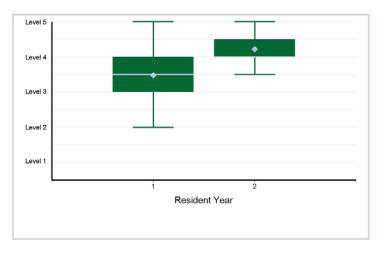
7. Patient Care - Congenital Diaphragmatic Hernia Repair — Patient Care



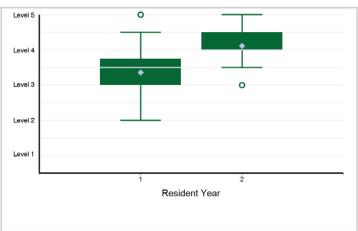
8. Patient Care - General Procedure Assessment — Patient Care



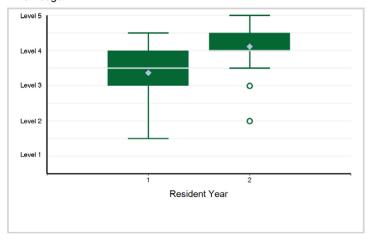
9. Patient Care - General Patient Care Assessment — Patient Care



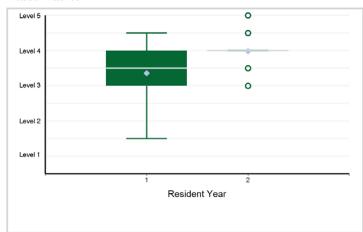
10. Medical Knowledge - Medical Knowledge



11. Medical Knowledge - General Knowledge Assessment — Medical Knowledge

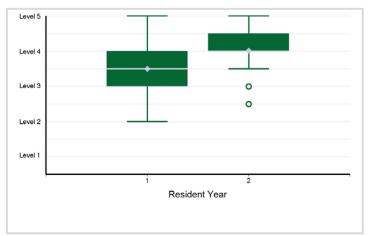


12. Systems-Based Practice - Healthcare Delivery and Cost - Systems-Based Practice

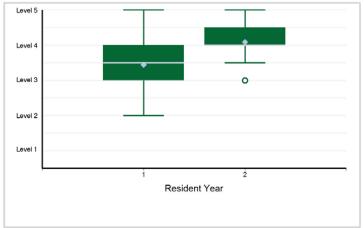


## **SUBSPECIALTY: Pediatric Surgery**

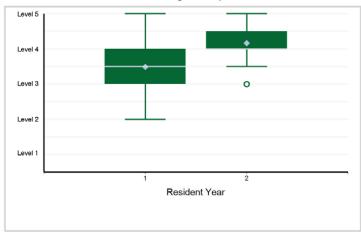
### 13. Systems-Based Practice - Patient Safety — Systems-Based Practice



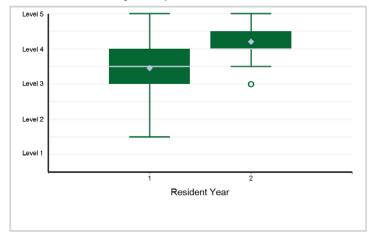
#### Systems-Based Practice - Systems-based Documentation — Systems-Based Practice



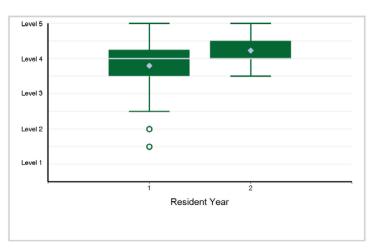
15. Practice-Based Learning and Improvement - Evidence-based Medicine — Practice-Based Learning and Improvement



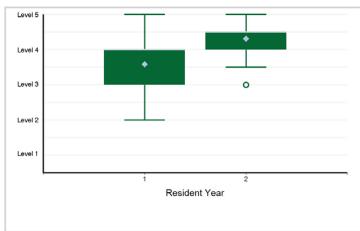
 Practice-Based Learning and Improvement - Self-directed Learning — Practice-Based Learning and Improvement



#### 17. Professionalism - Integrity — Professionalism

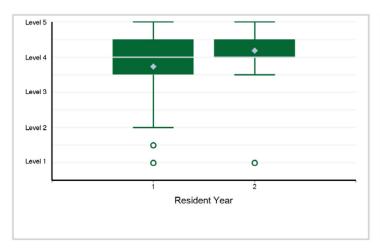


#### 18. Professionalism - Recognition of Limits — Professionalism

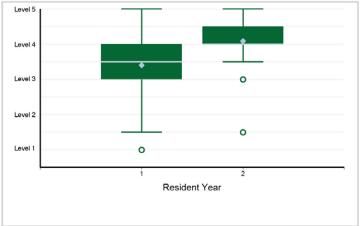


### SUBSPECIALTY: Pediatric Surgery

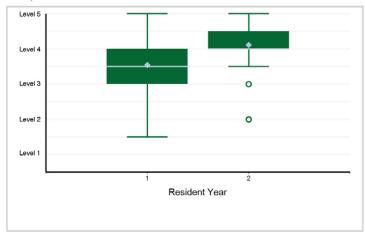
### 19. Professionalism - Behavior and Respect — Professionalism



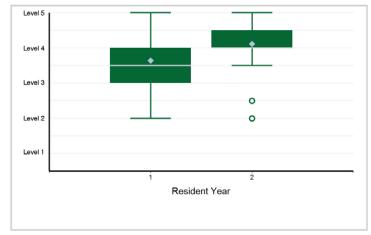
### 20. Professionalism - Leadership — Professionalism



21. Interpersonal and Communication Skills - Collaborator — Interpersonal and Communication Skills



22. Interpersonal and Communication Skills - Patient- and Family-centered Care — Interpersonal and Communication Skills

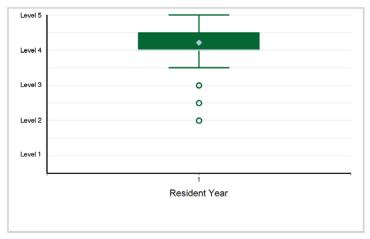


## TABLE 142: SUBSPECIALTY: Surgical Critical Care

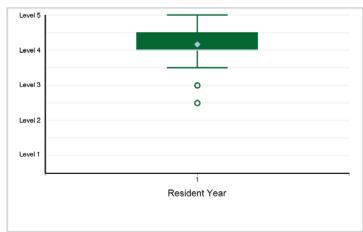
Resident Year	1	Total Residents*		
# of Residents	337	337		

<sup>\*</sup>Note: There are 1 residents with an incomplete milestone evaluation that are excluded from the box plots below.

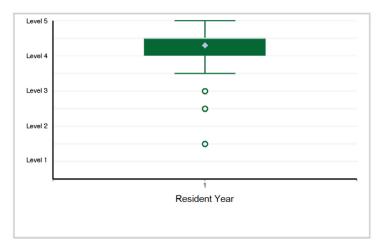
#### 1. Patient Care - Patient Care 1: Respiratory Failure



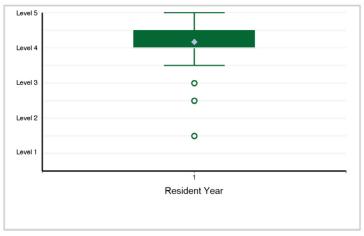
#### 2. Patient Care - Patient Care 2: Nutritional Support



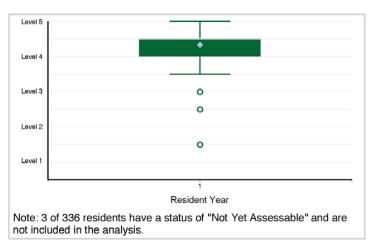
#### 3. Patient Care - Patient Care 3: Shock/Resuscitation



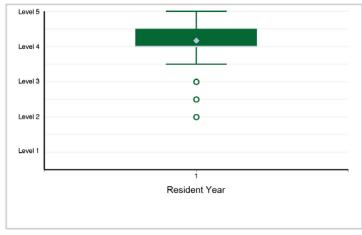
#### 4. Patient Care - Patient Care 4: Renal Disorders of Critically III Patients



### 5. Patient Care - Patient Care 5: Trauma and Thermal Injury

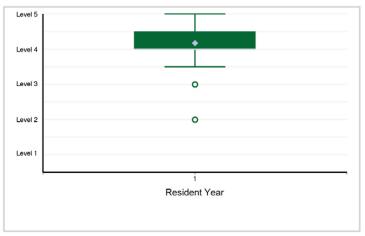


# 6. Patient Care - Patient Care 6: Cardiovascular Disorders of Critically III Patients

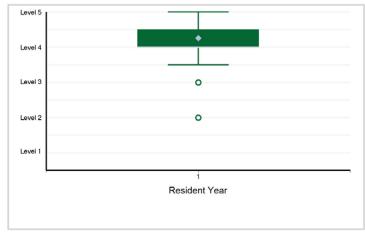


### SUBSPECIALTY: Surgical Critical Care

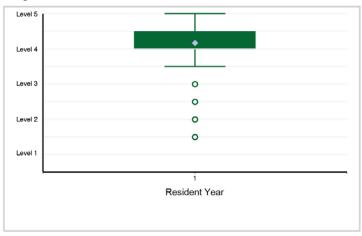
# 7. Patient Care - Patient Care 7: Neurologic Disorders of Critically III Patients



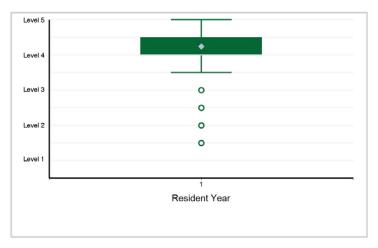
# 8. Patient Care - Patient Care 8: Gastrointestinal (GI) Disorders of Critically III Patients



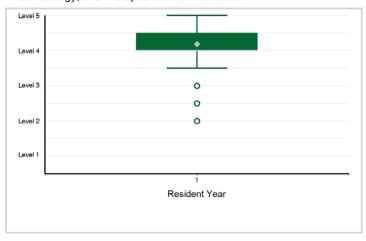
# 9. Patient Care - Patient Care 9: Infectious Diseases of Critically III Surgical Patients



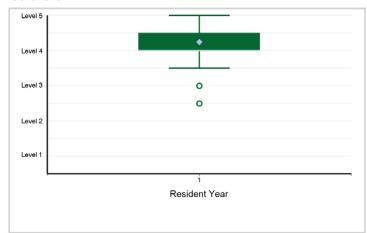
10. Patient Care - Patient Care 10: Procedural Competence



# 11. Medical Knowledge - Medical Knowledge 1: Pathophysiology, Pharmacology, and Therapeutics in Critical Care

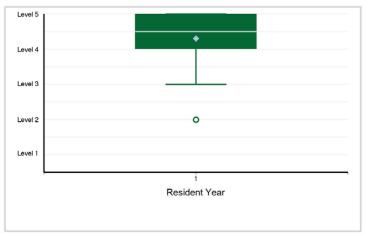


12. Medical Knowledge - Medical Knowledge 2: Prognosis in Critical Care Conditions

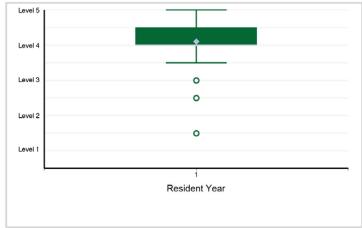


### SUBSPECIALTY: Surgical Critical Care

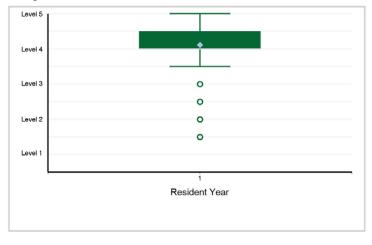
# 13. Medical Knowledge - Medical Knowledge 3: Clinical Reasoning in Critical Care



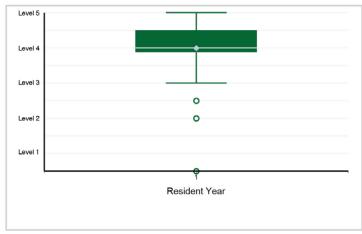
# 14. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



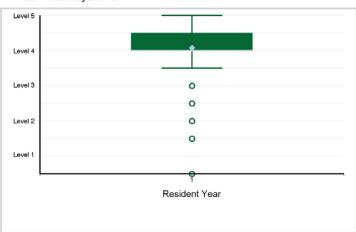
# 15. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



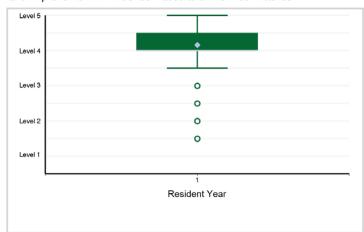
16. Systems-Based Practice - Systems-Based Practice 3: Community and Population Health



# 17. Systems-Based Practice - Systems-Based Practice 4: Physician Role in Health Care Systems

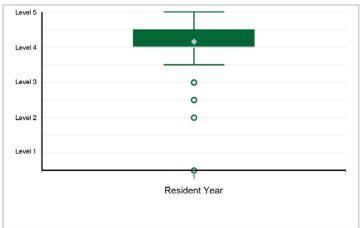


18. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice

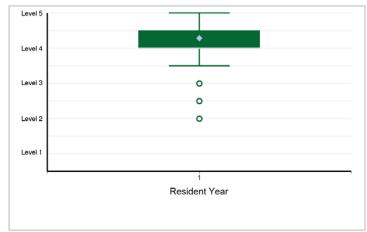


## SUBSPECIALTY: Surgical Critical Care

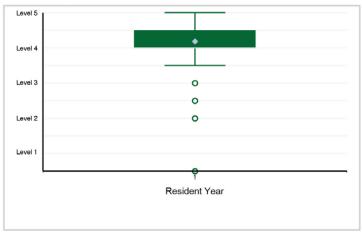
19. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



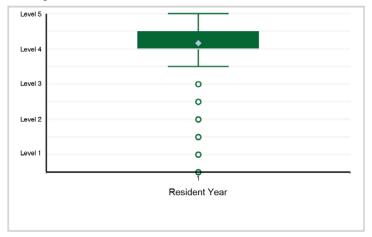
20. Professionalism - Professionalism 1: Ethical Principles



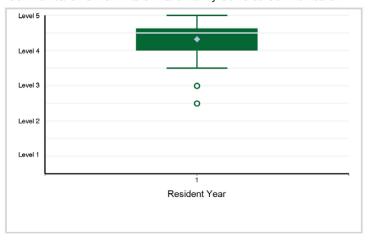
21. Professionalism - Professionalism 2: Professional Behavior and Accountability  $\,$ 



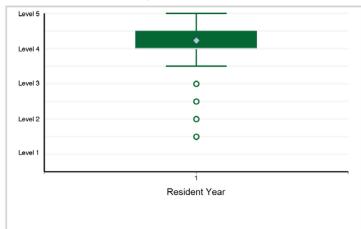
22. Professionalism - Professionalism 3: Self-Awareness and Help-Seeking



23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

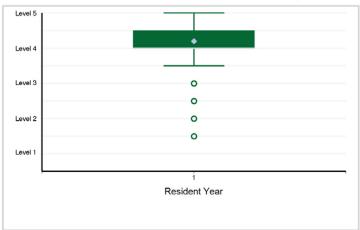


24. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



## **SUBSPECIALTY: Surgical Critical Care**

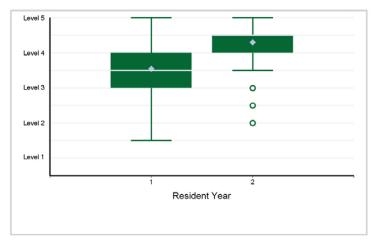
25. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



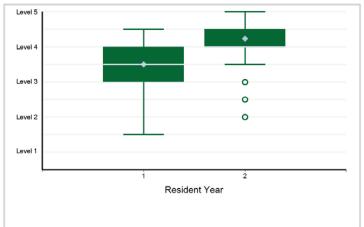
### TABLE 143: SUBSPECIALTY: Vascular Surgery - Independent

Resident Year	1	2	Total Residents
# of Residents	138	129	267

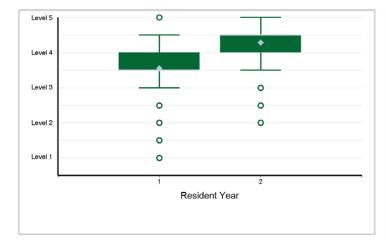
### 1. Patient Care - Patient Care 1: Patient Data



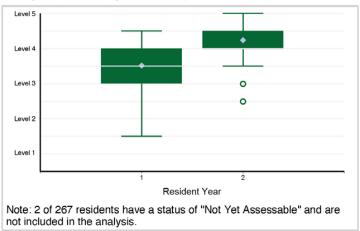
# 2. Patient Care - Patient Care 2: Medical Management of Vascular Disease



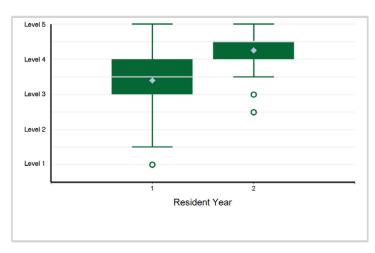
### 3. Patient Care - Patient Care 3: Peri-Operative Care



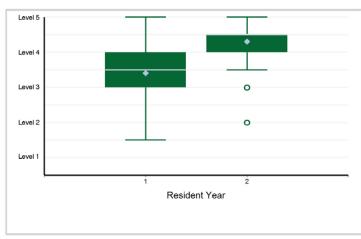
#### Patient Care - Patient Care 4: Longitudinal Care (e.g., Outpatient Management, Screening, Surveillance)



## 5. Patient Care - Patient Care 5: Procedural Preparation

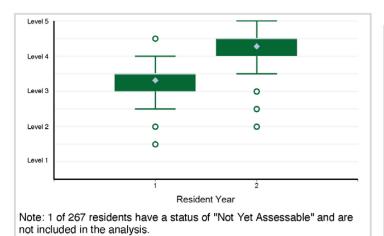


### 6. Patient Care - Patient Care 6: Technical Skills - Open Surgical Skills

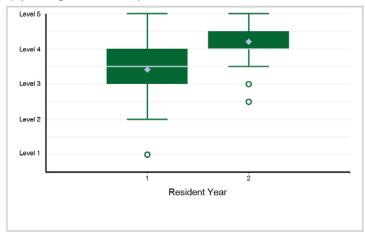


### SUBSPECIALTY: Vascular Surgery - Independent

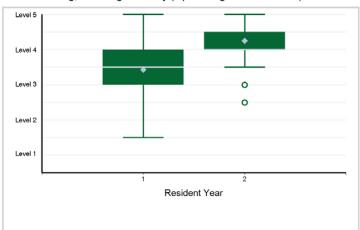
#### 7. Patient Care - Patient Care 7: Technical Skills - Endovascular



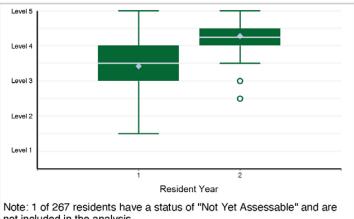
#### 9. Medical Knowledge - Medical Knowledge 1: Procedural Rationale (Open Surgical Procedures)



### Medical Knowledge - Medical Knowledge 3: Procedural Understanding, including Anatomy (Open Surgical Procedures)

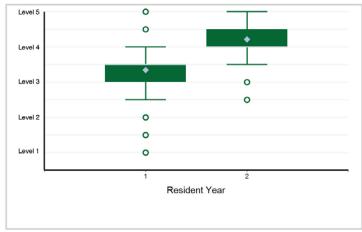


#### 8. Patient Care - Patient Care 8: Vascular Imaging (e.g., Computed Tomography [CT], Magnetic Resonance [MR], Angiography, Ultrasonography)

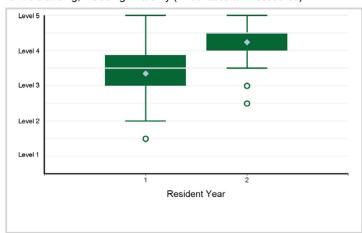


not included in the analysis.

#### 10. Medical Knowledge - Medical Knowledge 2: Procedural Rationale (Endovascular Interventions)

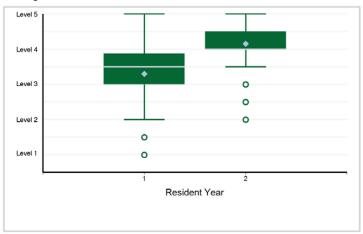


### 12. Medical Knowledge - Medical Knowledge 4: Procedural Understanding, including Anatomy (Endovascular Procedures)

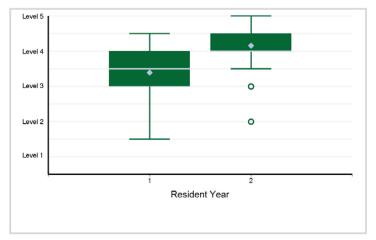


## SUBSPECIALTY: Vascular Surgery - Independent

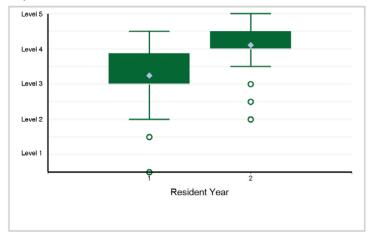
# 13. Medical Knowledge - Medical Knowledge 5: Intra-Operative Crisis Management



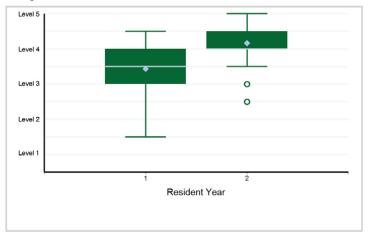
### 14. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



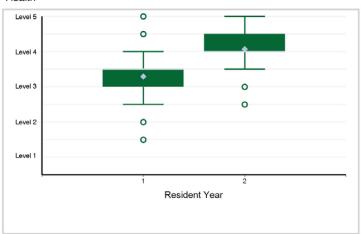
# 15. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement



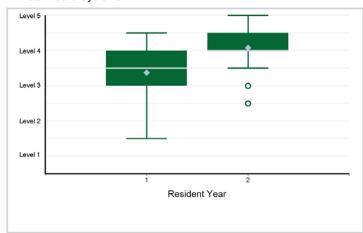
16. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care



# 17. Systems-Based Practice - Systems-Based Practice 4: Population Health

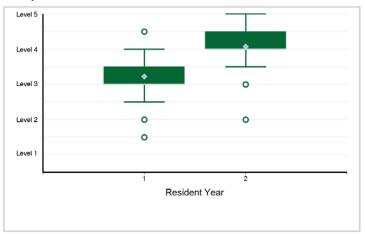


18. Systems-Based Practice - Systems-Based Practice 5: Physician Role in Health Care Systems

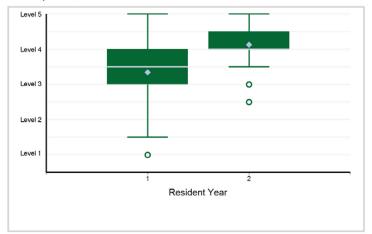


### SUBSPECIALTY: Vascular Surgery - Independent

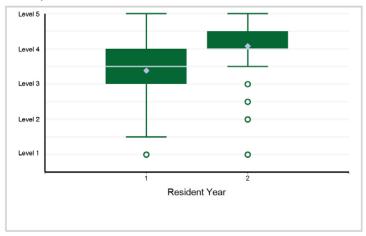
# 19. Systems-Based Practice - Systems-Based Practice 6: Radiation Safety



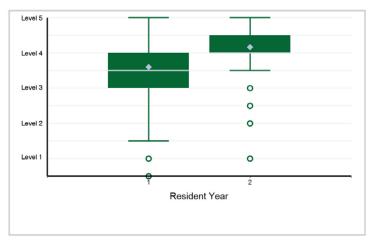
# 20. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



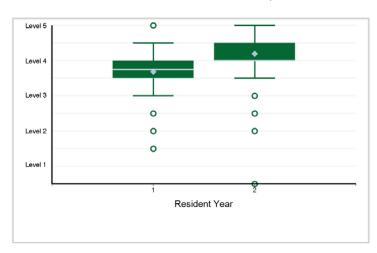
# 21. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



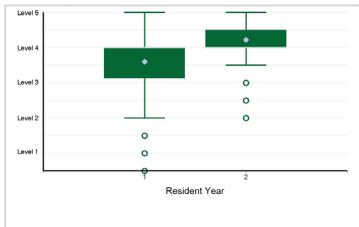
22. Professionalism - Professionalism 1: Professional Behavior



23. Professionalism - Professionalism 2: Ethical Principles

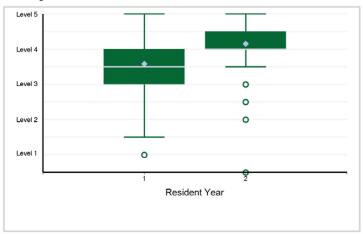


24. Professionalism - Professionalism 3: Accountability/Conscientiousness

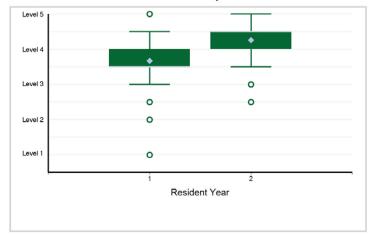


### SUBSPECIALTY: Vascular Surgery - Independent

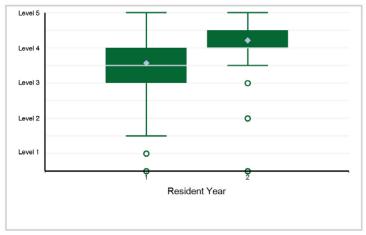
25. Professionalism - Professionalism 4: Self-Awareness and Help-Seeking



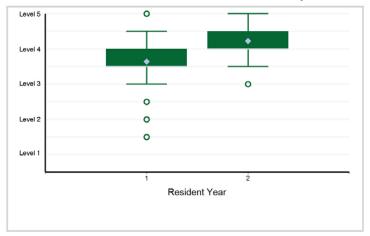
26. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



27. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



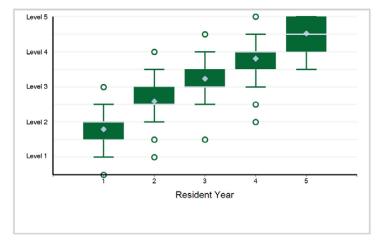
28. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



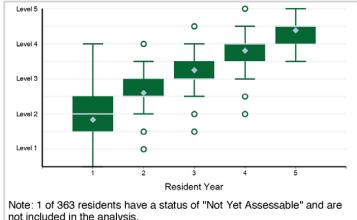
## TABLE 144: SPECIALTY: Vascular Surgery - Integrated

Resident Year	1	2	3	4	5	Total Residents
# of Residents	81	81	71	66	64	363

#### 1. Patient Care - Patient Care 1: Patient Data

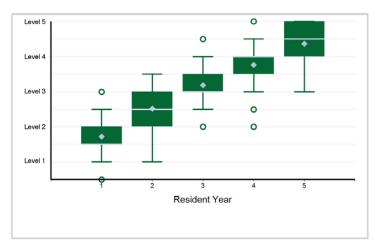


### 2. Patient Care - Patient Care 2: Medical Management of Vascular Disease

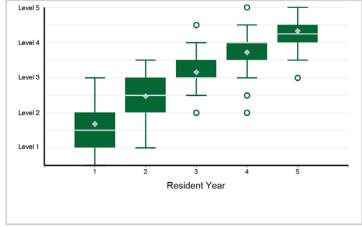


not included in the analysis.

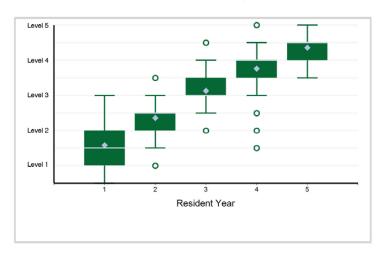
### 3. Patient Care - Patient Care 3: Peri-Operative Care



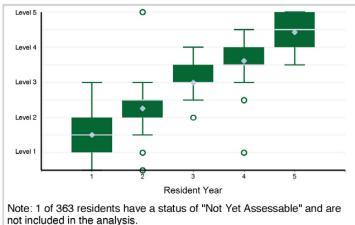
4. Patient Care - Patient Care 4: Longitudinal Care (e.g., Outpatient Management, Screening, Surveillance)



### 5. Patient Care - Patient Care 5: Procedural Preparation

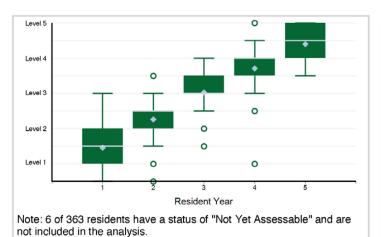


6. Patient Care - Patient Care 6: Technical Skills - Open Surgical Skills

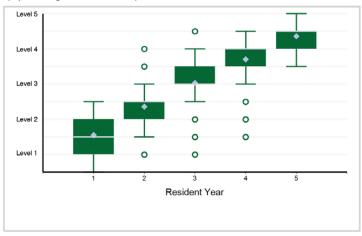


### SPECIALTY: Vascular Surgery - Integrated

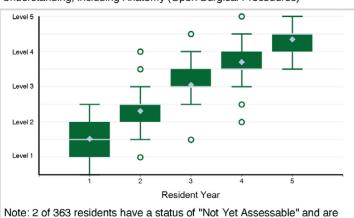
#### 7. Patient Care - Patient Care 7: Technical Skills - Endovascular



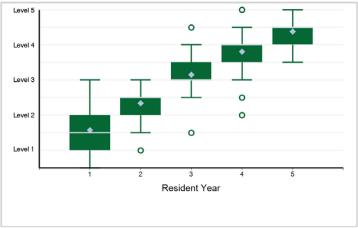
#### 9. Medical Knowledge - Medical Knowledge 1: Procedural Rationale (Open Surgical Procedures)



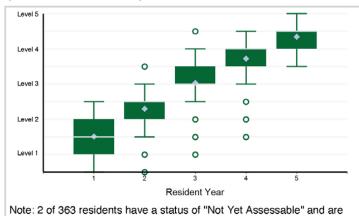
### Medical Knowledge - Medical Knowledge 3: Procedural Understanding, including Anatomy (Open Surgical Procedures)



#### 8. Patient Care - Patient Care 8: Vascular Imaging (e.g., Computed Tomography [CT], Magnetic Resonance [MR], Angiography, Ultrasonography)

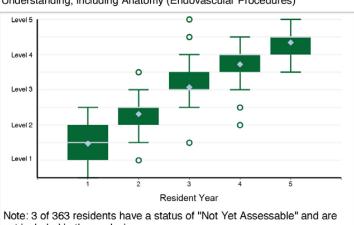


#### 10. Medical Knowledge - Medical Knowledge 2: Procedural Rationale (Endovascular Interventions)



not included in the analysis.

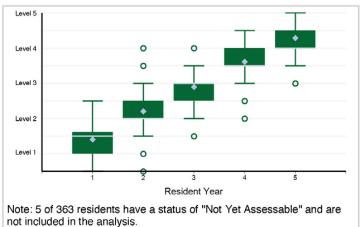
#### 12. Medical Knowledge - Medical Knowledge 4: Procedural Understanding, including Anatomy (Endovascular Procedures)



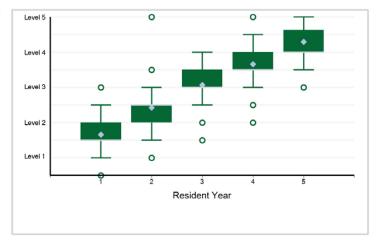
not included in the analysis.

### SPECIALTY: Vascular Surgery - Integrated

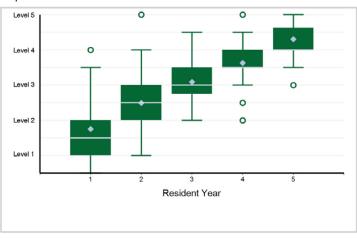
# 13. Medical Knowledge - Medical Knowledge 5: Intra-Operative Crisis Management



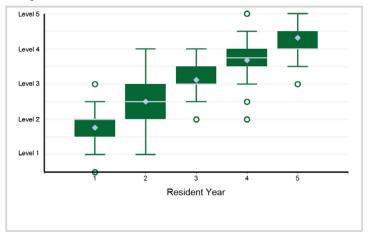
### 14. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



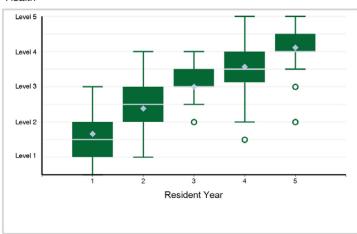
# 15. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement



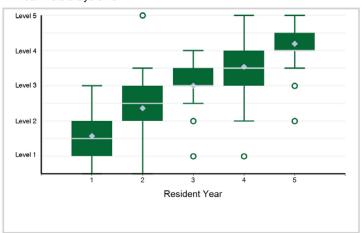
16. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient-Centered Care



# 17. Systems-Based Practice - Systems-Based Practice 4: Population Health

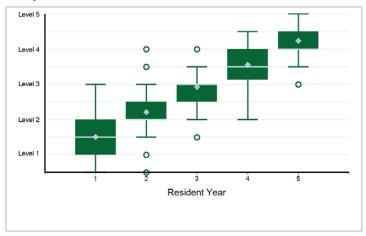


18. Systems-Based Practice - Systems-Based Practice 5: Physician Role in Health Care Systems

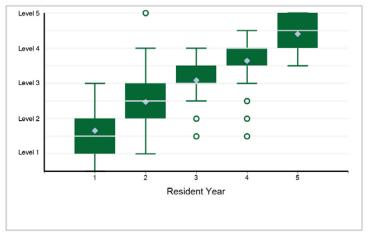


### SPECIALTY: Vascular Surgery - Integrated

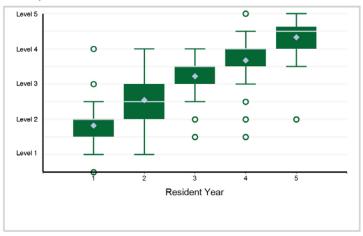
# 19. Systems-Based Practice - Systems-Based Practice 6: Radiation Safety



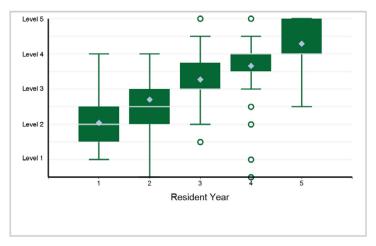
# 20. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



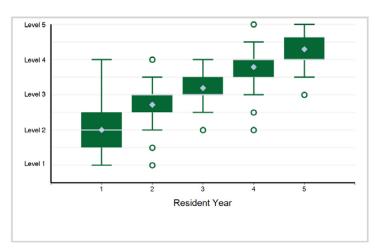
21. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



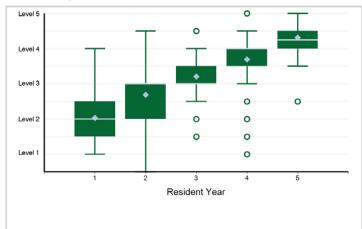
22. Professionalism - Professionalism 1: Professional Behavior



23. Professionalism - Professionalism 2: Ethical Principles

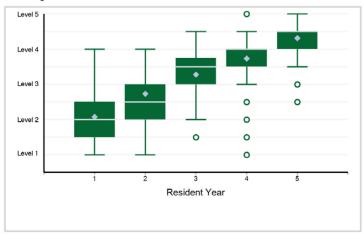


24. Professionalism - Professionalism 3: Accountability/Conscientiousness

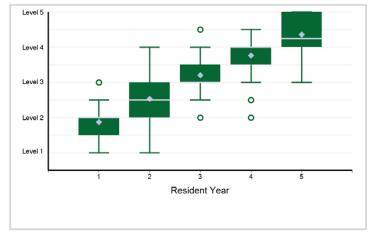


### SPECIALTY: Vascular Surgery - Integrated

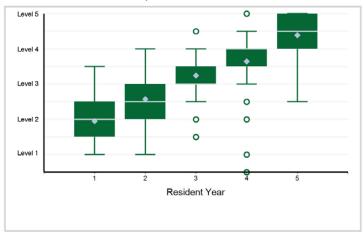
25. Professionalism - Professionalism 4: Self-Awareness and Help-Seeking



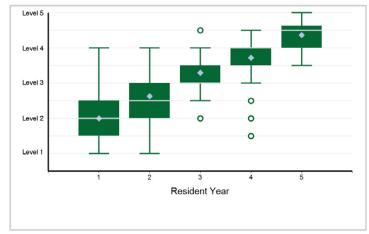
26. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



27. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



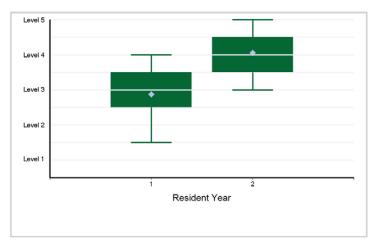
28. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



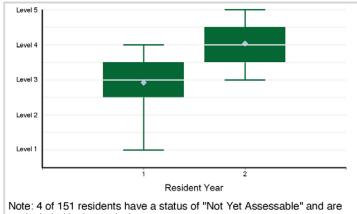
### TABLE 145: SPECIALTY: Thoracic Surgery - Independent (Two-Year Program)

Resident Year	1	2	Total Residents
# of Residents	78	73	151

#### 1. Patient Care - Patient Care 1: Ischemic Heart Disease

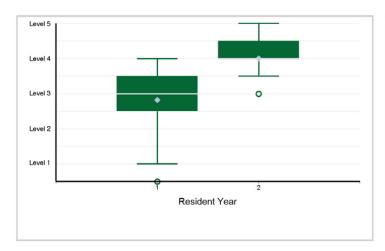


### 2. Patient Care - Patient Care 2: Mechanical Circulatory Support

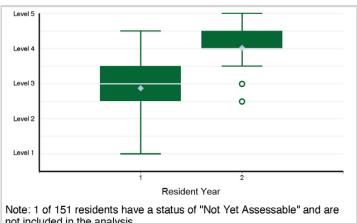


not included in the analysis.

#### 3. Patient Care - Patient Care 3: Valvular Disease

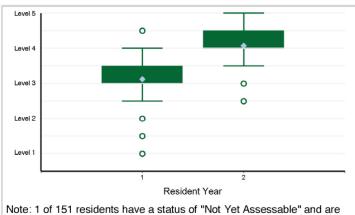


4. Patient Care - Patient Care 4: Great Vessel Disease



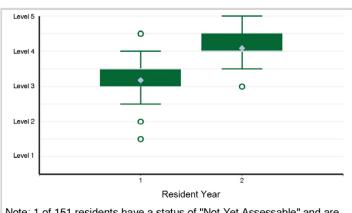
not included in the analysis.

## 5. Patient Care - Patient Care 5: Esophagus



not included in the analysis.

### 6. Patient Care - Patient Care 6: Lung and Airway

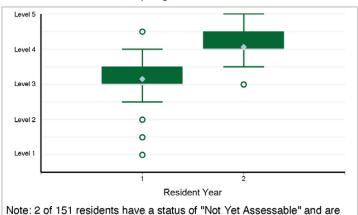


Note: 1 of 151 residents have a status of "Not Yet Assessable" and are not included in the analysis.

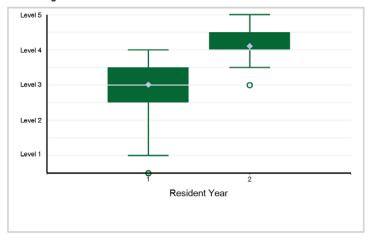
### SPECIALTY: Thoracic Surgery - Independent (Two-Year Program)

# 7. Patient Care - Patient Care 7: Chest Wall/Pleura/Mediastinum/Diaphragm

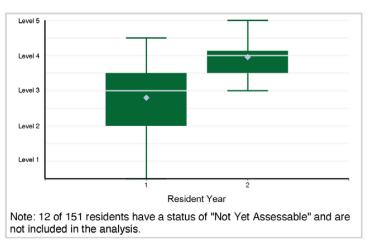
not included in the analysis.



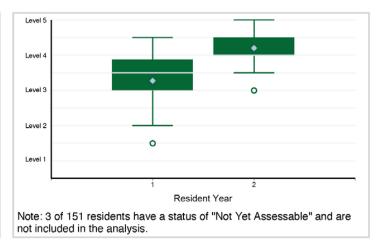
# 9. Medical Knowledge - Medical Knowledge 1: Cardiovascular Surgical Knowledge



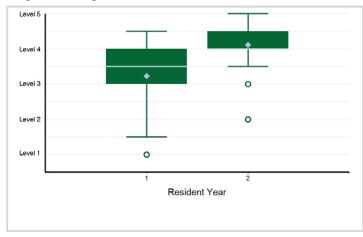
## 11. Medical Knowledge - Medical Knowledge 3: Congenital Heart Disease



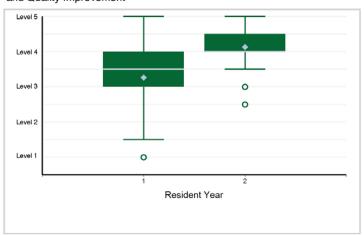
#### 8. Patient Care - Patient Care 8: Critical Care



# 10. Medical Knowledge - Medical Knowledge 2: General Thoracic Surgical Knowledge

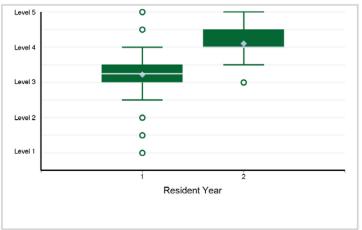


12. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement

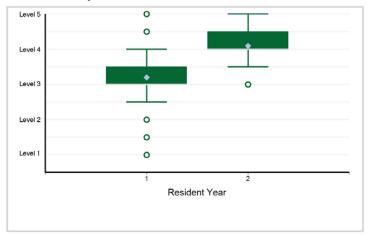


### **SPECIALTY: Thoracic Surgery - Independent (Two-Year Program)**

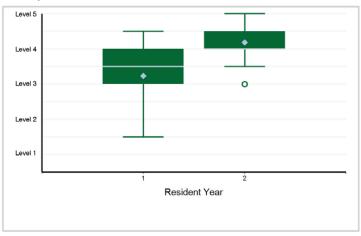
# 13. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



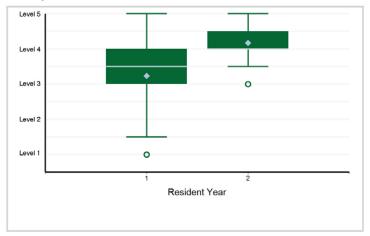
# 14. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



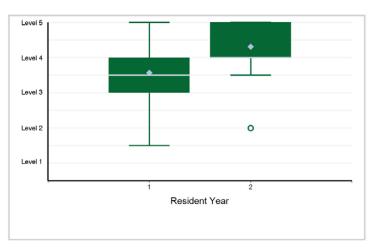
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



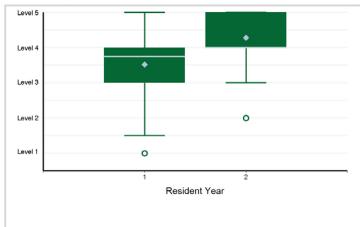
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



17. Professionalism - Professionalism 1: Ethical Principles

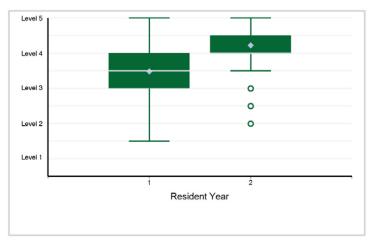


18. Professionalism - Professionalism 2: Professional Behavior and Accountability

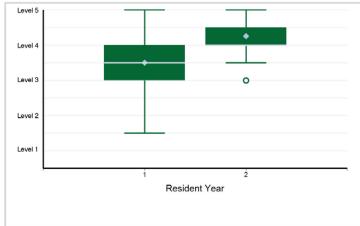


### SPECIALTY: Thoracic Surgery - Independent (Two-Year Program)

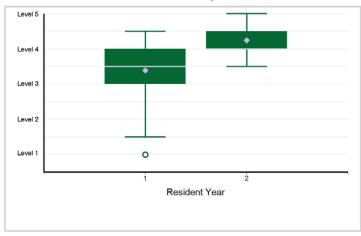
#### 19. Professionalism - Professionalism 3: Administrative Tasks



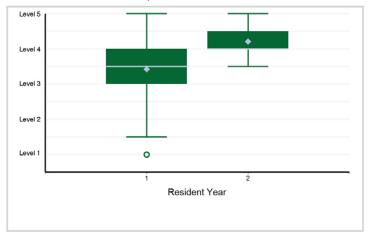
#### 20. Professionalism - Professionalism 4: Well-Being



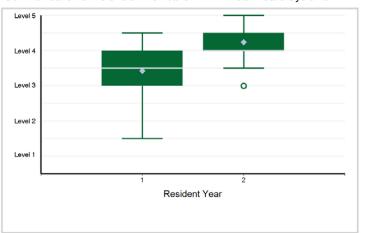
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



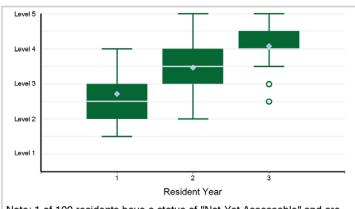
23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



### SPECIALTY: Thoracic Surgery - Independent (Three-Year Program)

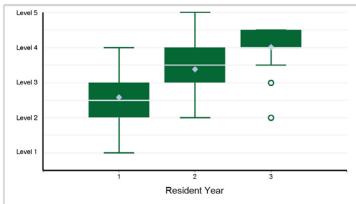
Resident Year	1	2	3	Total Residents
# of Residents	34	35	31	100

#### 1. Patient Care - Patient Care 1: Ischemic Heart Disease



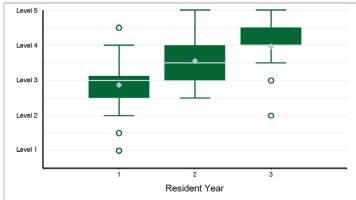
Note: 1 of 100 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Valvular Disease



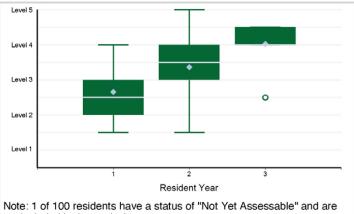
Note: 1 of 100 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### 5. Patient Care - Patient Care 5: Esophagus



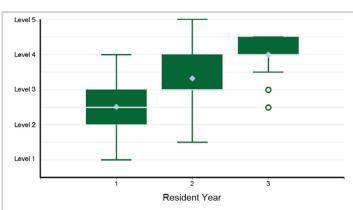
Note: 4 of 100 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### 2. Patient Care - Patient Care 2: Mechanical Circulatory Support



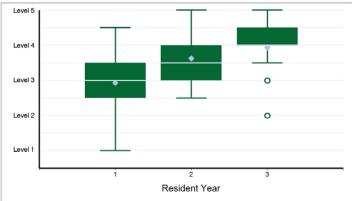
not included in the analysis.

#### 4. Patient Care - Patient Care 4: Great Vessel Disease



Note: 3 of 100 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### 6. Patient Care - Patient Care 6: Lung and Airway

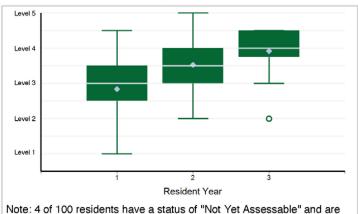


Note: 3 of 100 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### SPECIALTY: Thoracic Surgery - Independent (Three-Year Program)

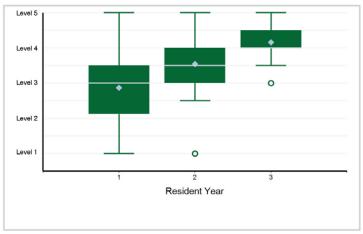
#### 7. Patient Care - Patient Care 7: Chest Wall/Pleura/Mediastinum/Diaphragm

not included in the analysis.

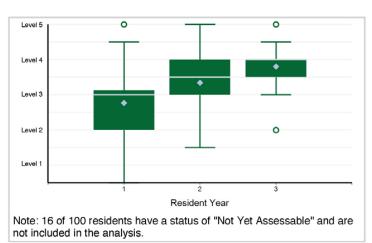


# 9. Medical Knowledge - Medical Knowledge 1: Cardiovascular Surgical

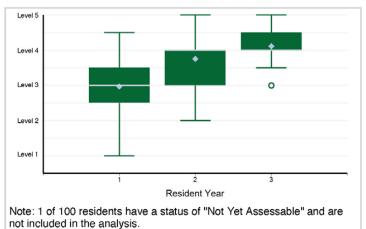
# Knowledge



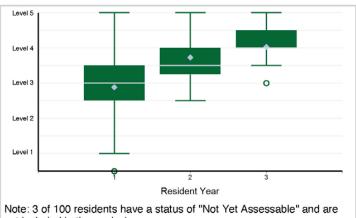
#### 11. Medical Knowledge - Medical Knowledge 3: Congenital Heart Disease



#### 8. Patient Care - Patient Care 8: Critical Care

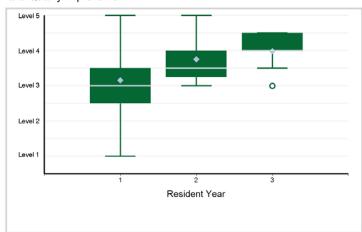


#### 10. Medical Knowledge - Medical Knowledge 2: General Thoracic Surgical Knowledge



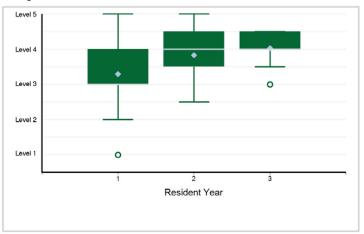
not included in the analysis.

#### 12. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement

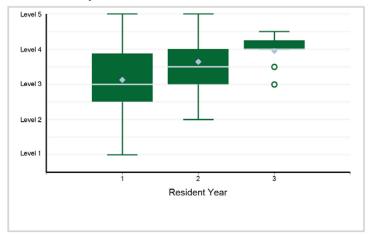


### SPECIALTY: Thoracic Surgery - Independent (Three-Year Program)

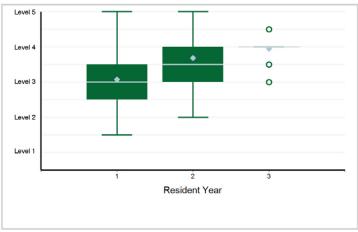
# 13. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



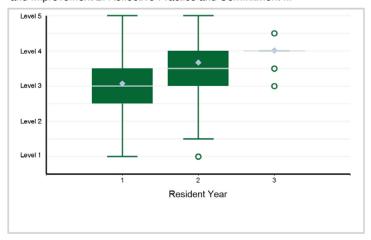
# 14. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



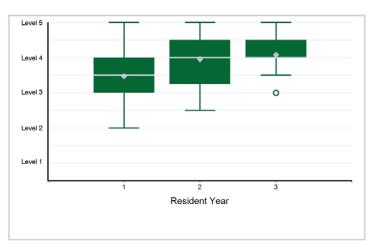
# 15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



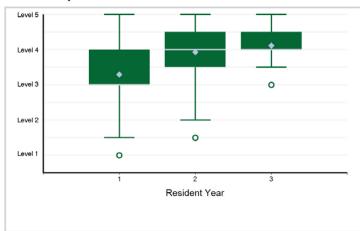
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



#### 17. Professionalism - Professionalism 1: Ethical Principles

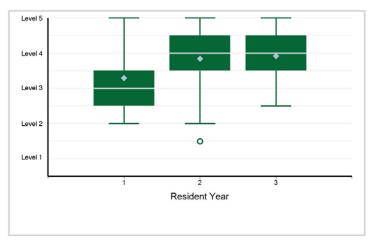


# 18. Professionalism - Professionalism 2: Professional Behavior and Accountability

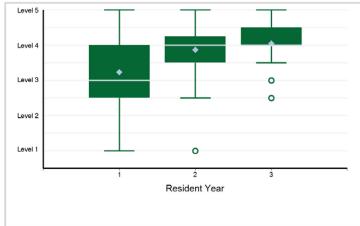


### SPECIALTY: Thoracic Surgery - Independent (Three-Year Program)

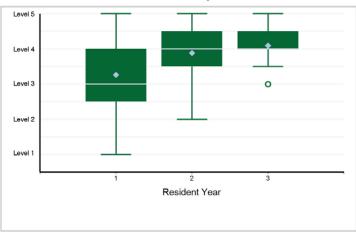
#### 19. Professionalism - Professionalism 3: Administrative Tasks



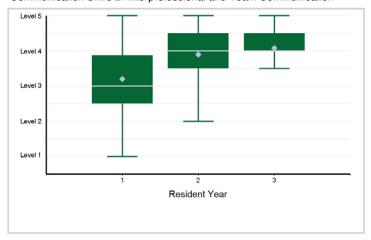
#### 20. Professionalism - Professionalism 4: Well-Being



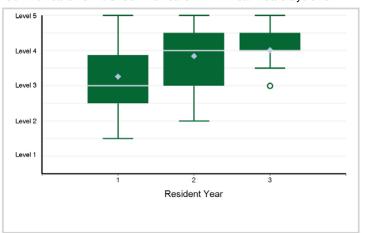
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



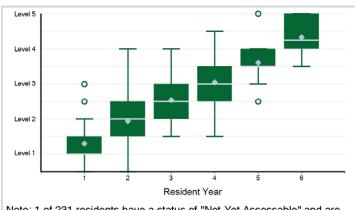
23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



### TABLE 146: SPECIALTY: Thoracic Surgery - Integrated

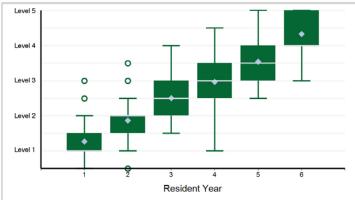
Resident Year	1	2	3	4	5	6	Total Residents
# of Residents	47	41	43	36	32	32	231

#### 1. Patient Care - Patient Care 1: Ischemic Heart Disease



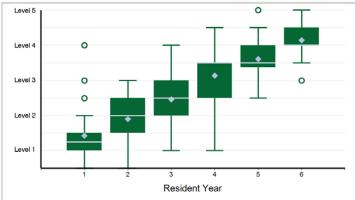
Note: 1 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Valvular Disease



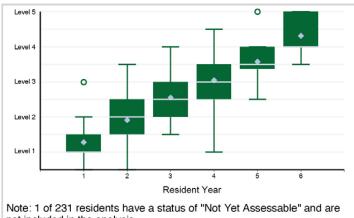
Note: 1 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

## 5. Patient Care - Patient Care 5: Esophagus



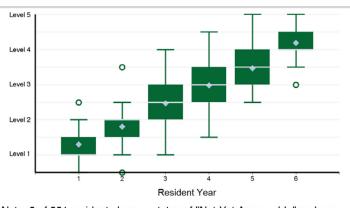
Note: 3 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### 2. Patient Care - Patient Care 2: Mechanical Circulatory Support



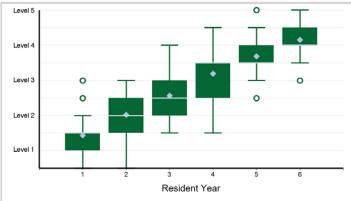
not included in the analysis.

#### 4. Patient Care - Patient Care 4: Great Vessel Disease



Note: 3 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

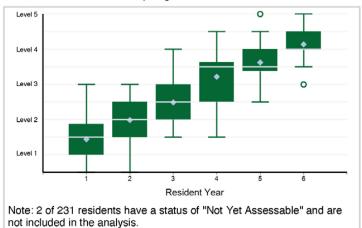
### 6. Patient Care - Patient Care 6: Lung and Airway



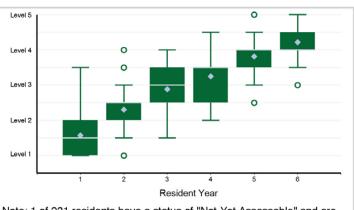
Note: 2 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### **SPECIALTY: Thoracic Surgery - Integrated**

## 7. Patient Care - Patient Care 7: Chest Wall/Pleura/Mediastinum/Diaphragm

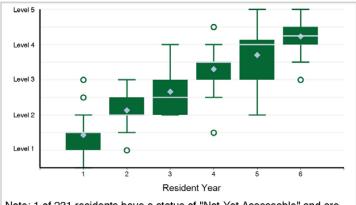


### 9. Patient Care - Patient Care 9: Technical Skills for General Surgery



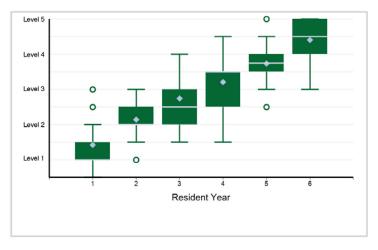
Note: 1 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 11. Medical Knowledge - Medical Knowledge 2: General Thoracic Surgical Knowledge

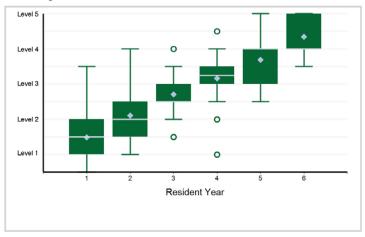


Note: 1 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

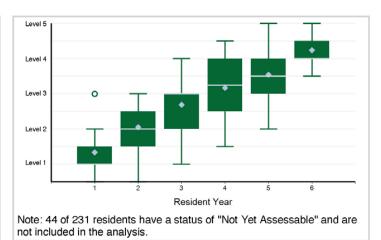
#### 8. Patient Care - Patient Care 8: Critical Care



#### Medical Knowledge - Medical Knowledge 1: Cardiovascular Surgical Knowledge

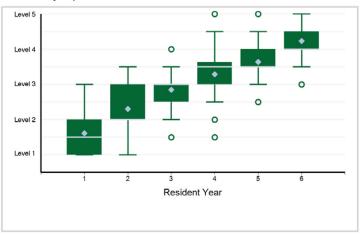


#### 12. Medical Knowledge - Medical Knowledge 3: Congenital Heart Disease

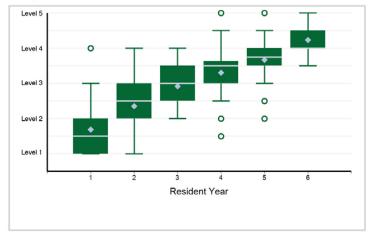


### SPECIALTY: Thoracic Surgery - Integrated

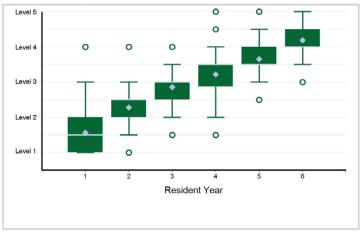
# 13. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



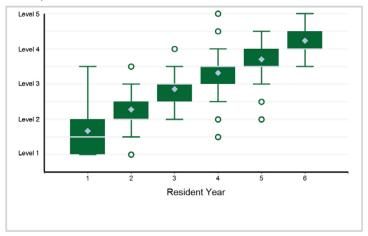
# 14. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



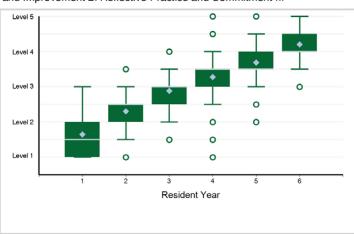
# 15. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



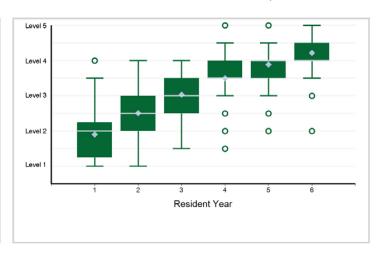
16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



# 17. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...

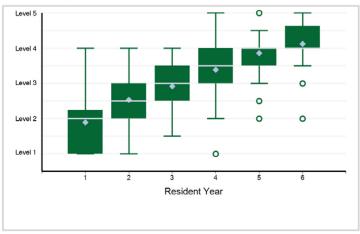


#### 18. Professionalism - Professionalism 1: Ethical Principles

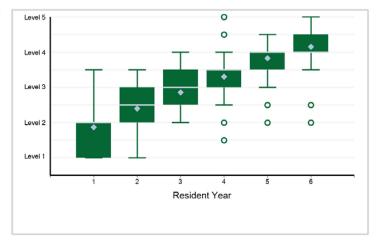


### SPECIALTY: Thoracic Surgery - Integrated

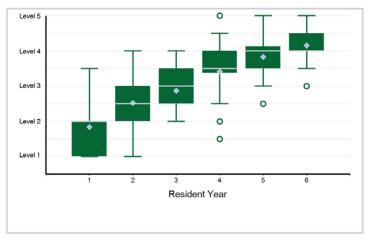
# 19. Professionalism - Professionalism 2: Professional Behavior and Accountability



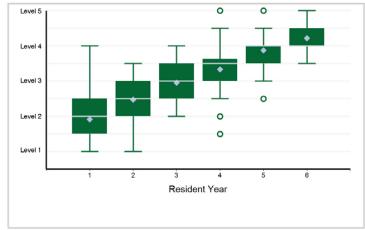
#### 20. Professionalism - Professionalism 3: Administrative Tasks



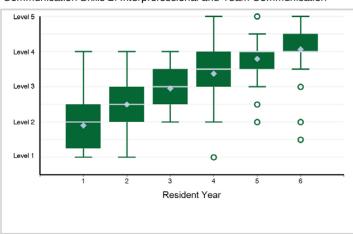
#### 21. Professionalism - Professionalism 4: Well-Being



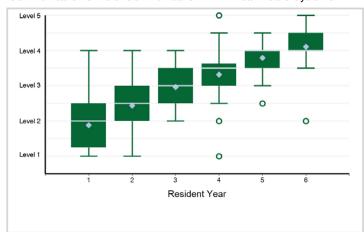
22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



23. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



24. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

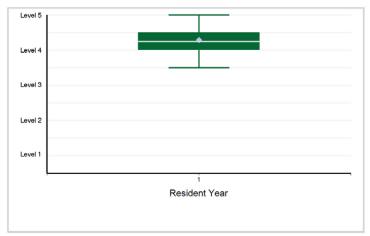


### TABLE 147: SUBSPECIALTY: Congenital Cardiac Surgery

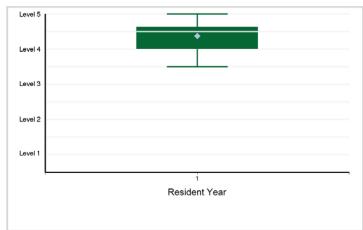
Resident Year	1	Total Residents*
# of Residents	13	13

<sup>\*</sup>Note: There are 1 residents with an incomplete milestone evaluation that are excluded from the box plots below.

1. Patient Care - Patient Care — Technical Skills and Performance



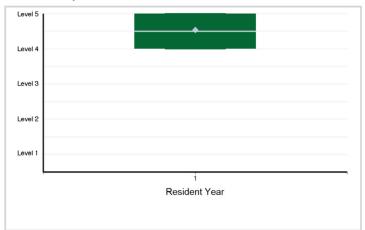
2. Patient Care - Patient Care - Pre- and Post-operative Care



3. Medical Knowledge - Medical Knowledge — Anatomy and Diagnosis



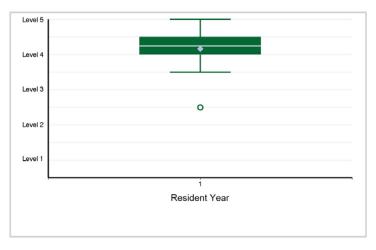
 Medical Knowledge - Medical Knowledge — Pathophysiology and Natural History of the Disease



5. Medical Knowledge - Medical Knowledge — Pathophysiology and Management of the Post-operative State

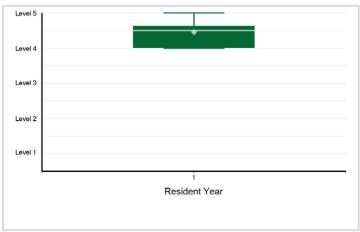


6. Systems-Based Practice - Systems-Based Practice

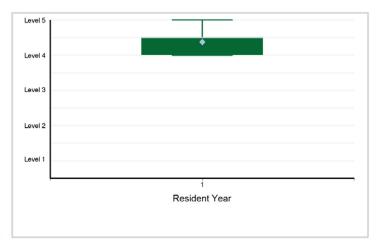


### SUBSPECIALTY: Congenital Cardiac Surgery

# 7. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement



#### 8. Professionalism - Professionalism



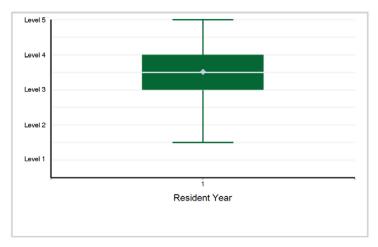
# 9. Interpersonal and Communication Skills - Interpersonal and Communication Skills



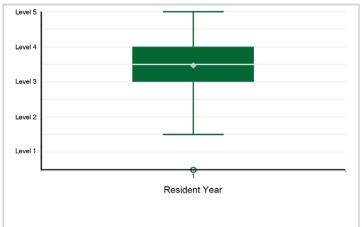
### TABLE 148: SPECIALTY: Transitional Year

Resident Year	1	Total Residents
# of Residents	1,780	1,780

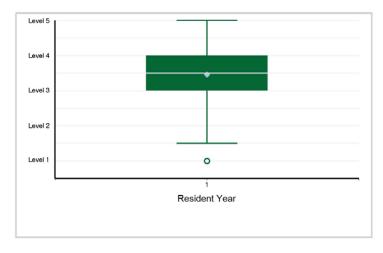
### 1. Patient Care - 1: History



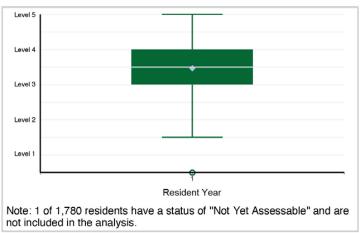
### 2. Patient Care - 2: Physical Examination



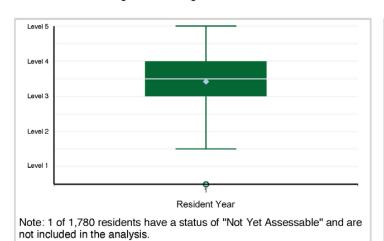
### 3. Patient Care - 3: Differential Diagnosis and Assessment



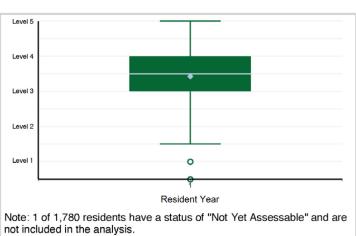
### 4. Patient Care - 4: Clinical Management



### 5. Patient Care - 5: Urgent and Emergent Medical Conditions

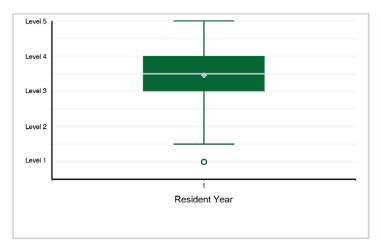


6. Patient Care - 6: Care of Diverse Patients

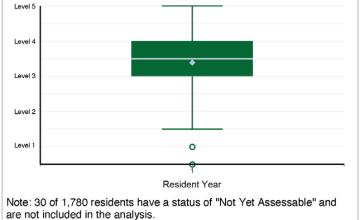


### SPECIALTY: Transitional Year

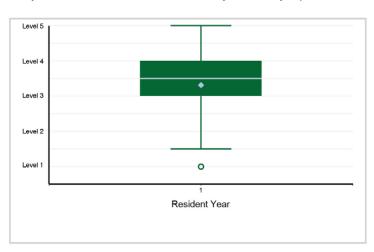
### 7. Medical Knowledge - 1: Clinical Reasoning



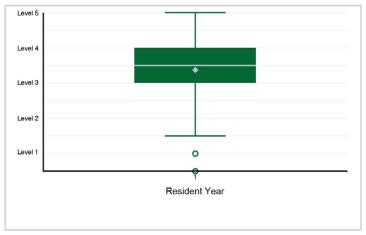
### 8. Medical Knowledge - 2: Procedural Knowledge and Informed Consent



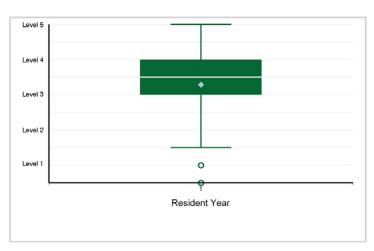
### 9. Systems-Based Practice - 1: Patient Safety and Quality Improvement



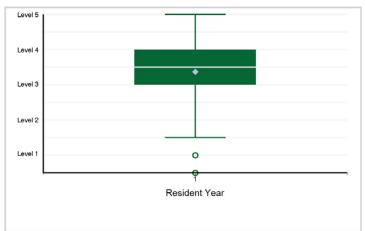
10. Systems-Based Practice - 2: System Navigation for Patient-Centered Care



### 11. Systems-Based Practice - 3: Physician Role in Health Care Systems

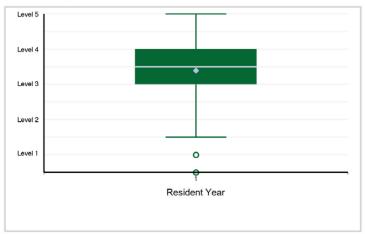


12. Practice-Based Learning and Improvement - 1: Evidence-Based and Informed Practice

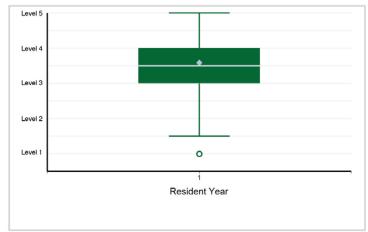


### SPECIALTY: Transitional Year

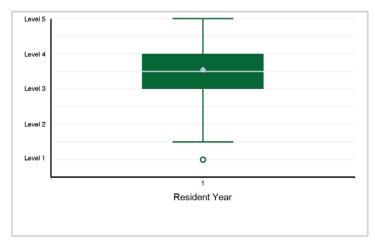
## 13. Practice-Based Learning and Improvement - 2: Reflective Practice and Personal Growth



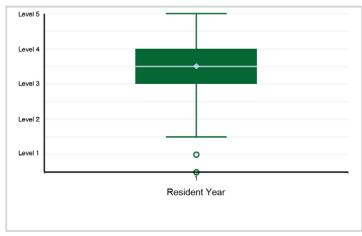
### 14. Professionalism - 1: Professional and Ethical Behavior



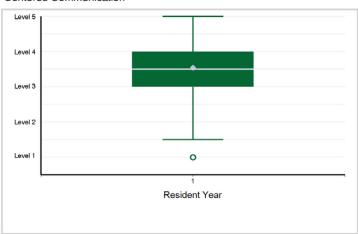
15. Professionalism - 2: Accountability and Conscientiousness



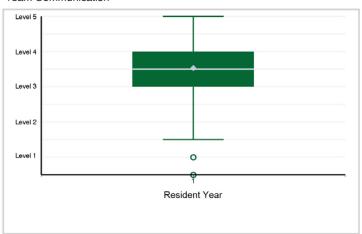
16. Professionalism - 3: Self-Awareness and Help-Seeking



17. Interpersonal and Communication Skills - 1: Patient and Family-Centered Communication

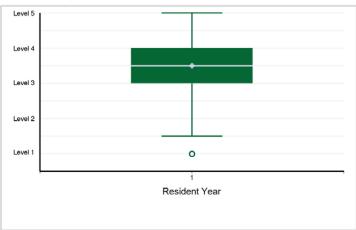


18. Interpersonal and Communication Skills - 2: Interprofessional and Team Communication



### **SPECIALTY: Transitional Year**

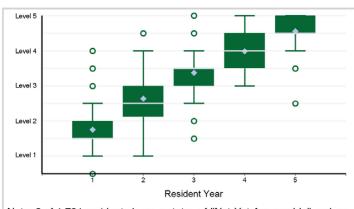
# 19. Interpersonal and Communication Skills - 3: Communication within Health Care Systems



### TABLE 149: SPECIALTY: Urology

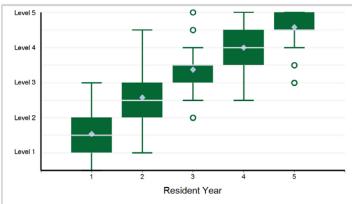
Resident Year	1	2	3	4	5	Total Residents
# of Residents	373	370	366	348	334	1,791

#### 1. Patient Care - Patient Care 1: Patient Evaluation



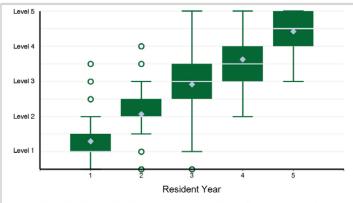
Note: 2 of 1,791 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 3. Patient Care - Patient Care 3: Endoscopic Procedures



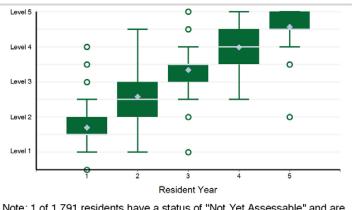
Note: 5 of 1,791 residents have a status of "Not Yet Assessable" and are not included in the analysis.

# 5. Patient Care - Patient Care 5: Minimally Invasive Procedures (Laparoscopic and Robotic)



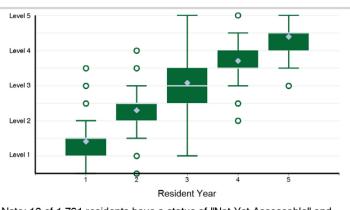
Note: 113 of 1,791 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 2. Patient Care - Patient Care 2: Peri-Procedural Care



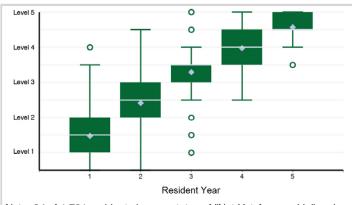
Note: 1 of 1,791 residents have a status of "Not Yet Assessable" and are not included in the analysis.

#### 4. Patient Care - Patient Care 4: Open Procedures



Note: 18 of 1,791 residents have a status of "Not Yet Assessable" and are not included in the analysis.

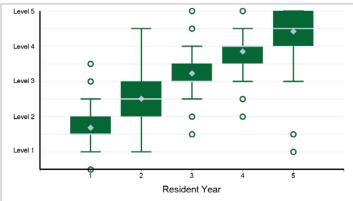
### 6. Patient Care - Patient Care 6: Office-Based Procedures



Note: 24 of 1,791 residents have a status of "Not Yet Assessable" and are not included in the analysis.

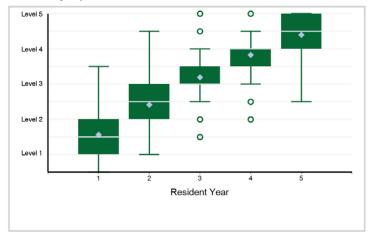
### SPECIALTY: Urology

# 7. Medical Knowledge - Medical Knowledge 1: Clinical Medical Knowledge

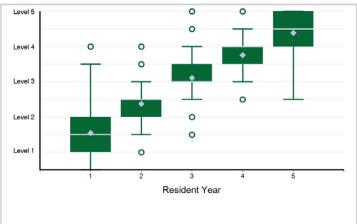


Note: 1 of 1,791 residents have a status of "Not Yet Assessable" and are not included in the analysis.

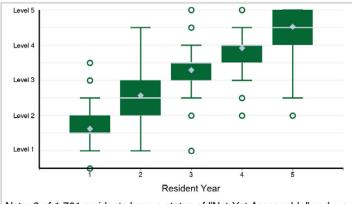
## 9. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



# 11. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems

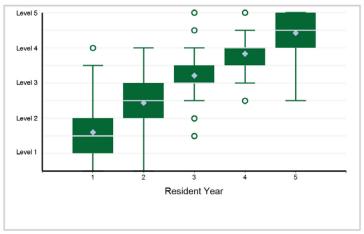


### 8. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

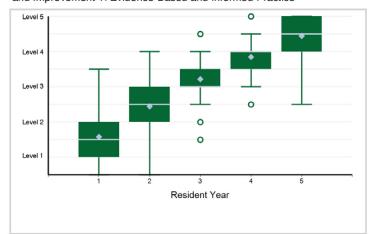


Note: 2 of 1,791 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care

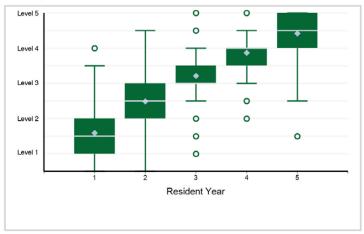


## 12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice

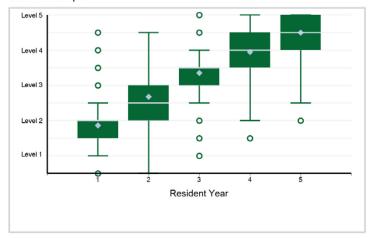


### SPECIALTY: Urology

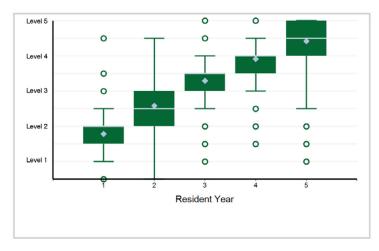
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



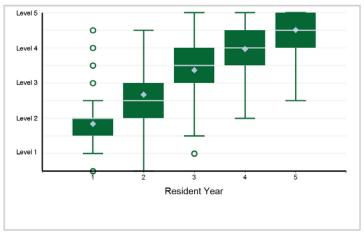
14. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



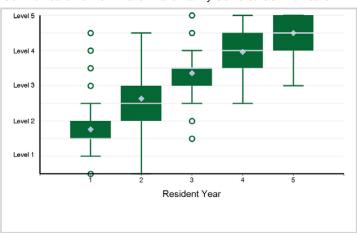
15. Professionalism - Professionalism 2: Administrative Tasks



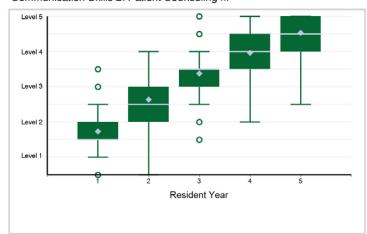
16. Professionalism - Professionalism 3: Well-Being and Awareness



17. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

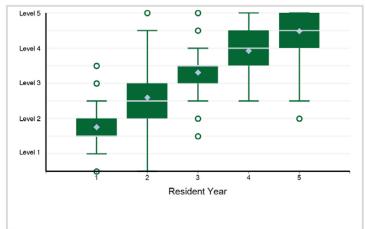


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Patient Counseling  $\dots$ 

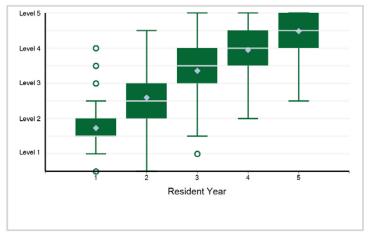


### SPECIALTY: Urology

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Interprofessional and Team Communication



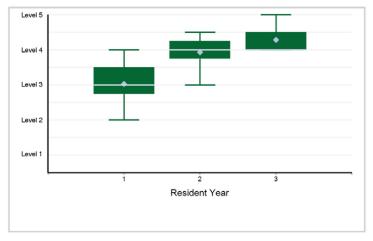
20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Communication within Health Care Systems



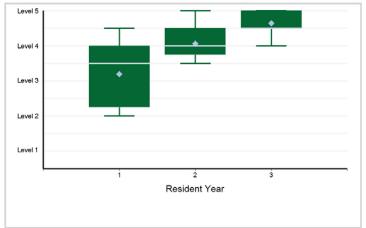
### TABLE 150: SUBSPECIALTY: Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary, Urology)

Resident Year	1	2	3	Total Residents
# of Residents	15	15	7	37

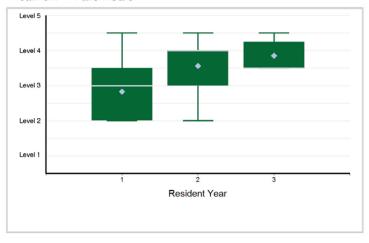
### 1. Patient Care - General Pelvic Floor Evaluation — Patient Care



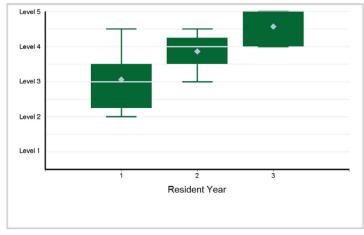
Patient Care - Urinary Incontinence and Overactive Bladder Treatment
 Patient Care



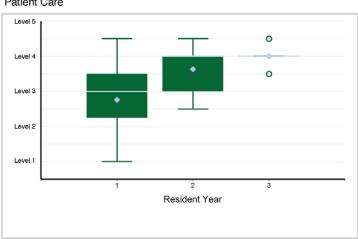
## 3. Patient Care - Anal Incontinence and Defecatory Dysfunction Treatment — Patient Care



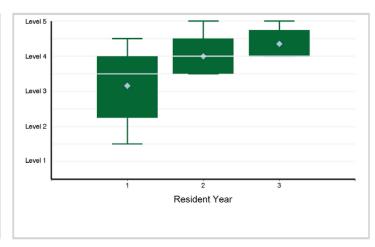
4. Patient Care - Pelvic Organ Prolapse Treatment — Patient Care



# 5. Patient Care - Urogenital Fistulas and Urethral Diverticula Treatment — Patient Care

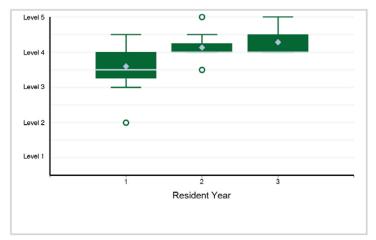


6. Patient Care - Painful Bladder Syndrome Treatment — Patient Care

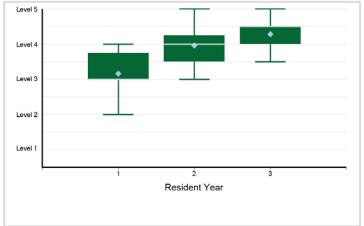


### SUBSPECIALTY: Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary, Urology)

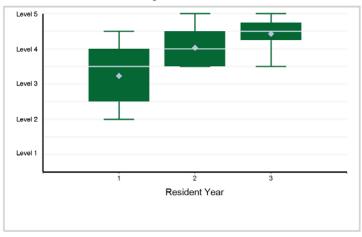
### 7. Patient Care - Urinary Tract Infection (UTI) — Patient Care



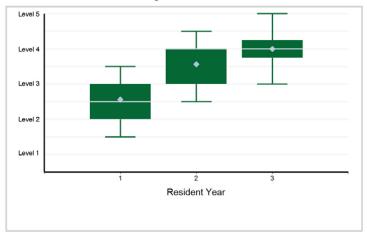
# 8. Medical Knowledge - Pelvic Floor Anatomy and Physiology — Medical Knowledge



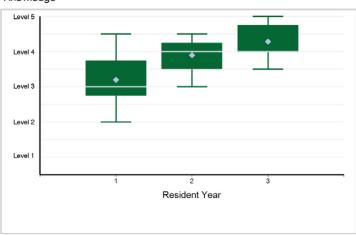
## 9. Medical Knowledge - Urinary Incontinence and Overactive Bladder Treatment — Medical Knowledge



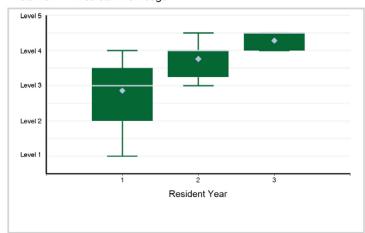
 Medical Knowledge - Anal Incontinence and Defecatory Dysfunction Treatment — Medical Knowledge



## 11. Medical Knowledge - Pelvic Organ Prolapse Treatment — Medical Knowledge

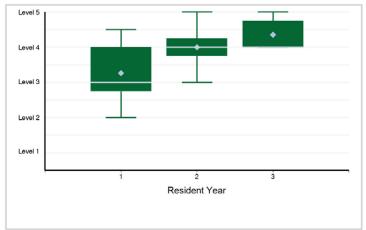


12. Medical Knowledge - Urogenital Fistulas and Urethral Diverticula Treatment — Medical Knowledge

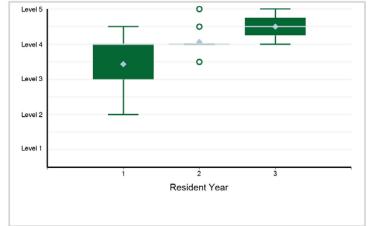


### SUBSPECIALTY: Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary, Urology)

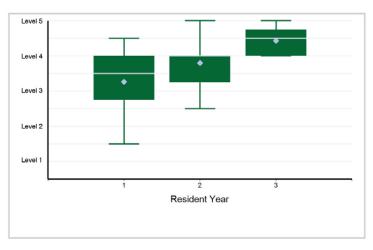
# 13. Medical Knowledge - Painful Bladder Syndrome Treatment — Medical Knowledge



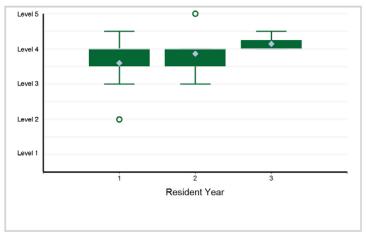
### 14. Medical Knowledge - Urinary Tract Infection — Medical Knowledge



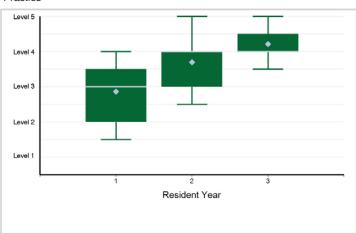
15. Medical Knowledge - Neuro-Urology — Medical Knowledge



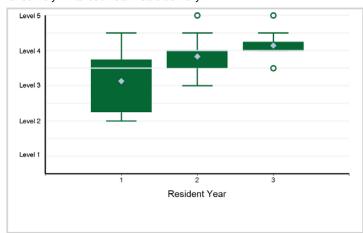
Systems-Based Practice - Computer Systems — Systems-Based Practice



17. Systems-Based Practice - Health Care Economics — Systems-Based Practice

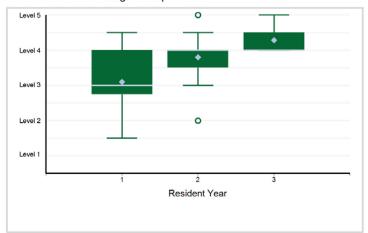


18. Systems-Based Practice - Works and coordinates patient care effectively in various health care delivery  $\dots$ 

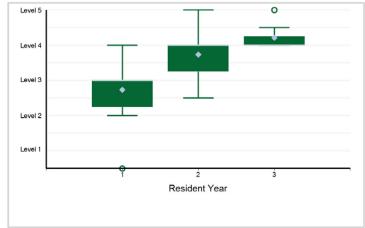


### SUBSPECIALTY: Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary, Urology)

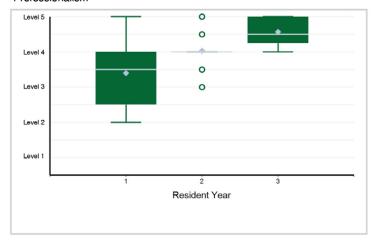
## 19. Practice-Based Learning and Improvement - Scholarly Activity — Practice-Based Learning and Improvement



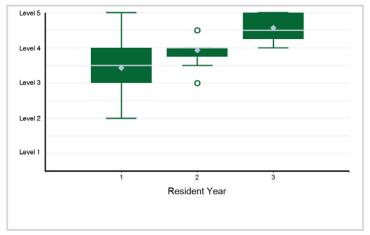
## 20. Practice-Based Learning and Improvement - Implements Quality Improvement Project — Practice-Based Learning and Improvement



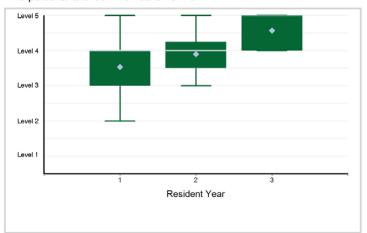
## 21. Professionalism - Professional Ethics and Accountability — Professionalism



22. Interpersonal and Communication Skills - Health Care Teamwork — Interpersonal and Communication Skills



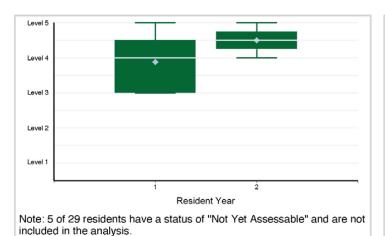
## 23. Interpersonal and Communication Skills - Effective Communication — Interpersonal and Communication Skills



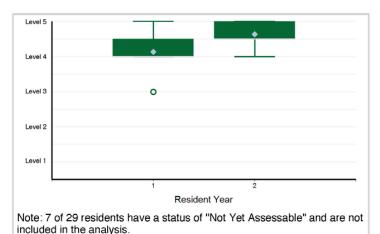
### TABLE 151: SUBSPECIALTY: Pediatric Urology

Resident Year	1	2	Total Residents
# of Residents	18	11	29

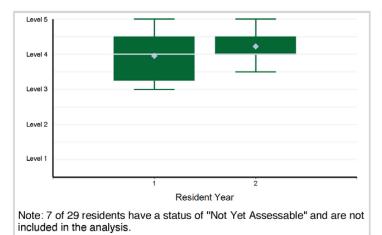
#### 1. Patient Care - Patient Care 1: Patient Evaluation and Decision Making



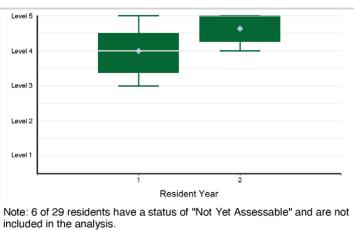
### 3. Patient Care - Patient Care 3: Endoscopic Procedures



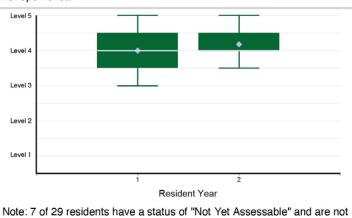
### 5. Patient Care - Patient Care 5: Genital Reconstruction



### 2. Patient Care - Patient Care 2: Peri-Procedural Care

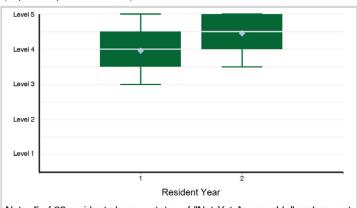


### 4. Patient Care - Patient Care 4: Open Procedures - Abdominal and Retroperitoneal



included in the analysis.

### 6. Patient Care - Patient Care 6: Minimally Invasive Procedures (Laparoscopic and Robotic)

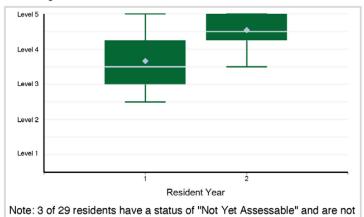


Note: 5 of 29 residents have a status of "Not Yet Assessable" and are not included in the analysis.

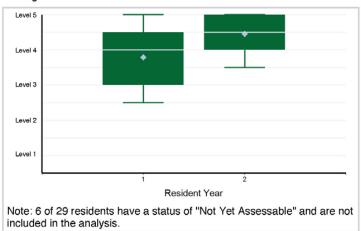
### SUBSPECIALTY: Pediatric Urology

included in the analysis.

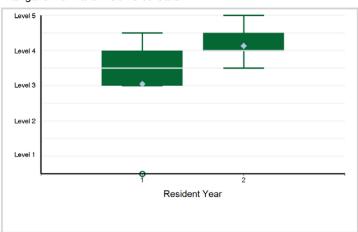
## 7. Medical Knowledge - Medical Knowledge 1: Clinical Medical Knowledge



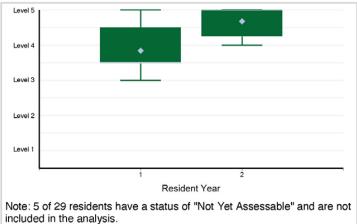
### Medical Knowledge - Medical Knowledge 3: Complex Care in Medical Management



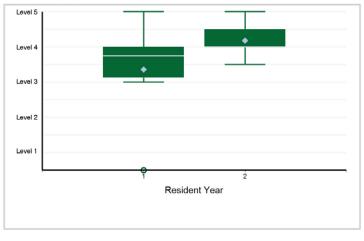
# 11. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



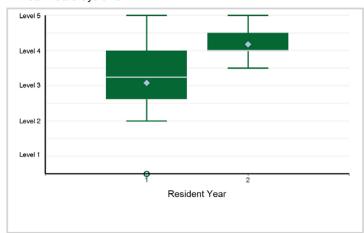
### 8. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning



### Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement

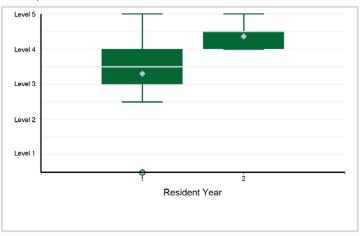


# 12. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems

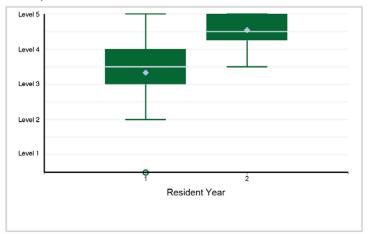


### SUBSPECIALTY: Pediatric Urology

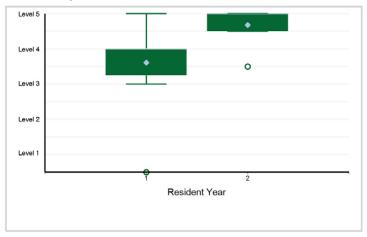
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



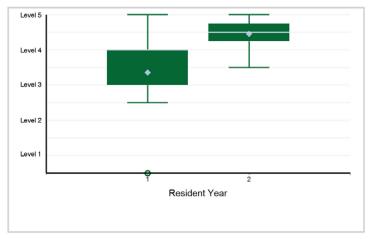
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



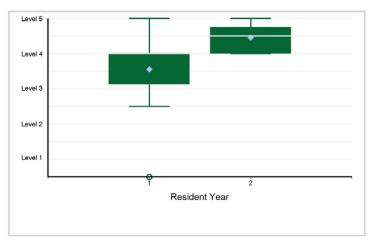
15. Professionalism - Professionalism 1: Professional Behavior and Ethical Principles



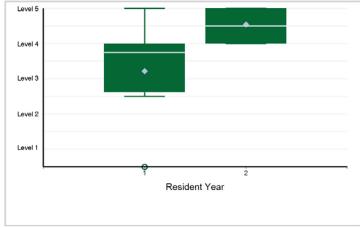
16. Professionalism - Professionalism 2: Administrative Tasks



17. Professionalism - Professionalism 3: Well-Being

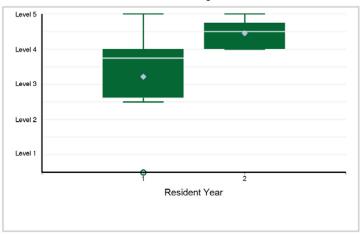


18. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

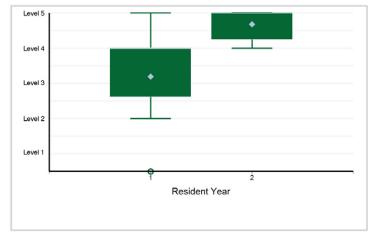


### **SUBSPECIALTY: Pediatric Urology**

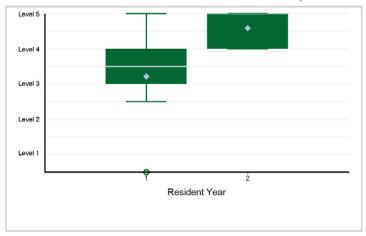
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Patient Counseling ...



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Interprofessional and Team Communication



21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Communication within Health Care Systems

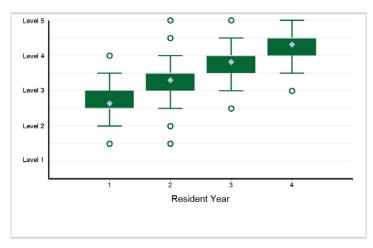


### TABLE 152: SPECIALTY: Internal Medicine - Pediatrics

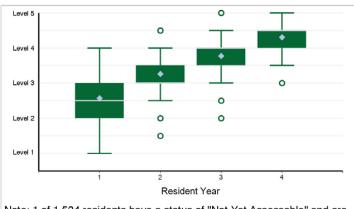
Resident Year	1	2	3	4	Total Residents
# of Residents	390	389	377	378	1,534

#### Internal Medicine

#### 1. Patient Care - Patient Care 1: History

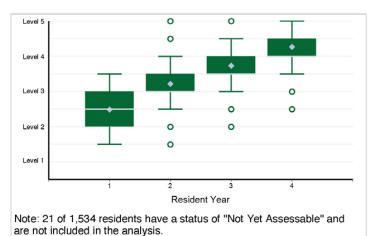


#### 3. Patient Care - Patient Care 3: Clinical Reasoning

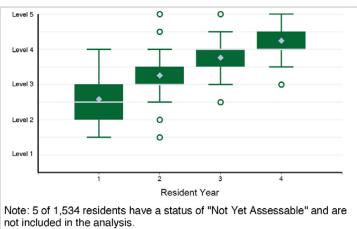


Note: 1 of 1,534 residents have a status of "Not Yet Assessable" and are not included in the analysis.

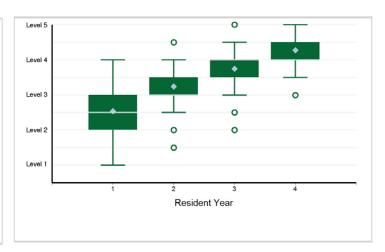
### 5. Patient Care - Patient Care 5: Patient Management - Outpatient



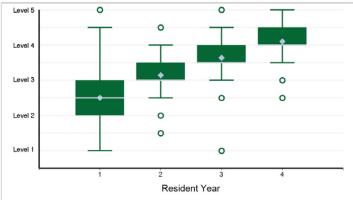
### 2. Patient Care - Patient Care 2: Physical Examination



Patient Care - Patient Care 4: Patient Management – Inpatient



### 6. Patient Care - Patient Care 6: Digital Health

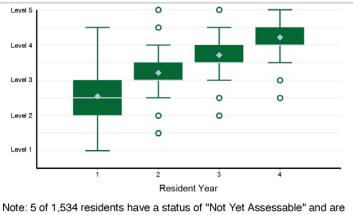


Note: 24 of 1,534 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### **SPECIALTY: Internal Medicine - Pediatrics**

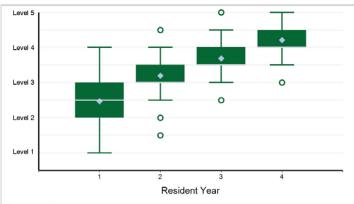
#### Internal Medicine

7. Medical Knowledge - Medical Knowledge 1: Applied Foundational Sciences



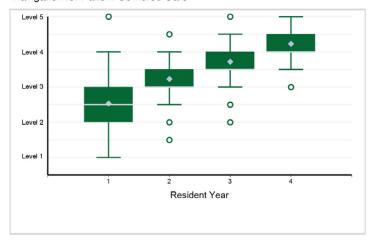
not included in the analysis.

# 9. Medical Knowledge - Medical Knowledge 3: Knowledge of Diagnostic Testing

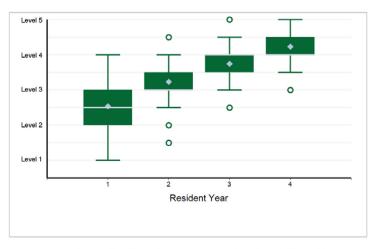


Note: 1 of 1,534 residents have a status of "Not Yet Assessable" and are not included in the analysis.

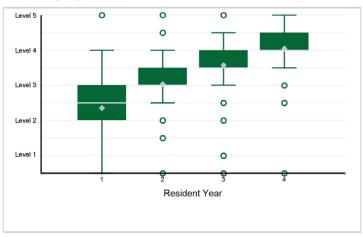
# 11. Systems-Based Practice - Systems-Based Practice 2: System Navigation for Patient-Centered Care



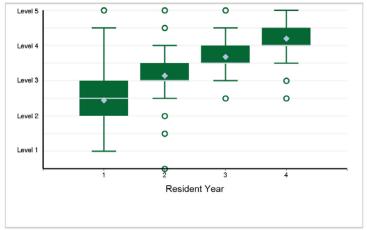
### 8. Medical Knowledge - Medical Knowledge 2: Therapeutic Knowledge



10. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Quality Improvement



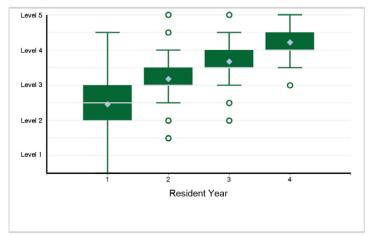
12. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems



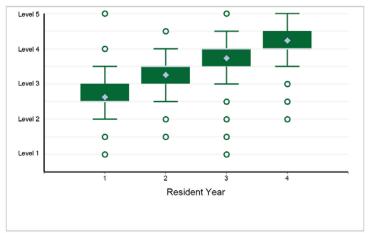
### **SPECIALTY: Internal Medicine - Pediatrics**

#### Internal Medicine

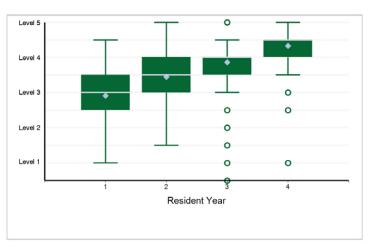
13. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



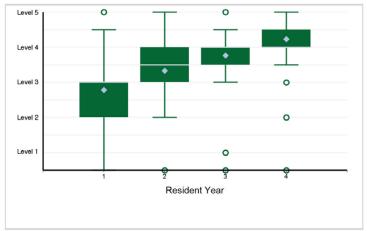
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



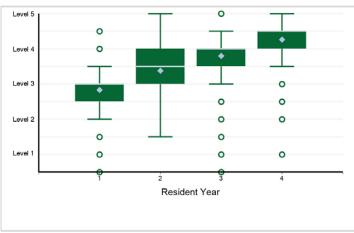
15. Professionalism - Professionalism 1: Professional Behavior



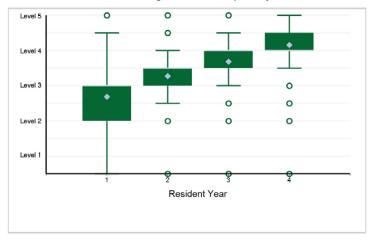
16. Professionalism - Professionalism 2: Ethical Principles



17. Professionalism - Professionalism 3: Accountability/Conscientiousness



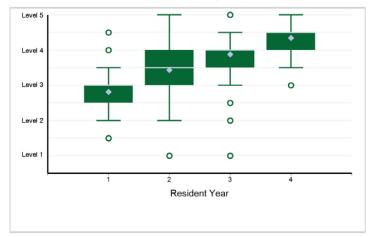
18. Professionalism - Professionalism 4: Knowledge of Systemic and Individual Factors of Well-Being\* \*This subcompetency is ...



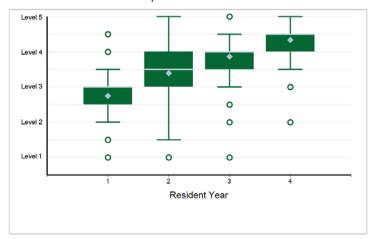
### **SPECIALTY: Internal Medicine - Pediatrics**

### Internal Medicine

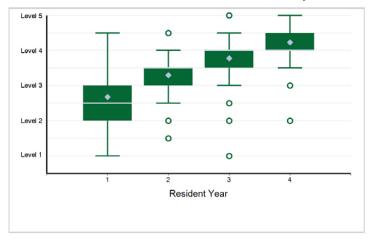
19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



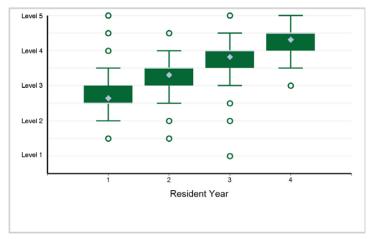
21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems



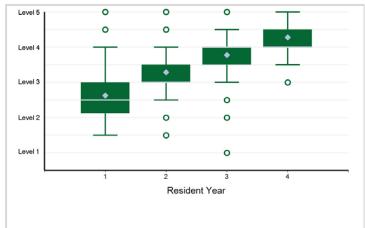
### **SPECIALTY: Internal Medicine - Pediatrics**

#### **Pediatrics**

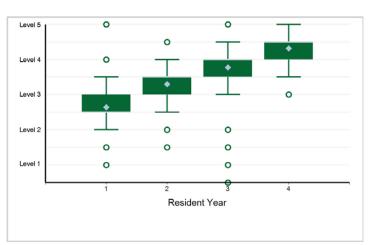
1. Patient Care - Patient Care 1: History



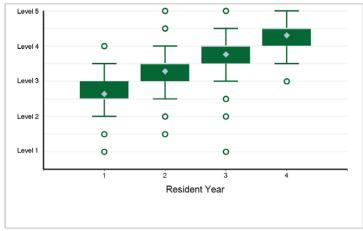
2. Patient Care - Patient Care 2: Physical Exam



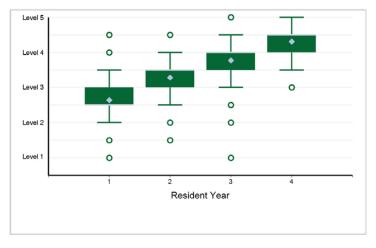
3. Patient Care - Patient Care 3: Organize and Prioritize Patient Care



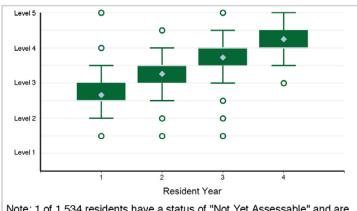
4. Patient Care - Patient Care 4: Clinical Reasoning



5. Patient Care - Patient Care 5: Patient Management



6. Medical Knowledge - Medical Knowledge 1: Clinical Knowledge

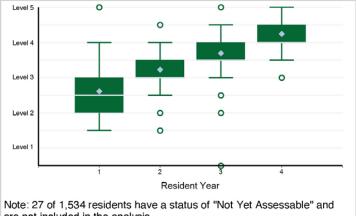


Note: 1 of 1,534 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### **SPECIALTY: Internal Medicine - Pediatrics**

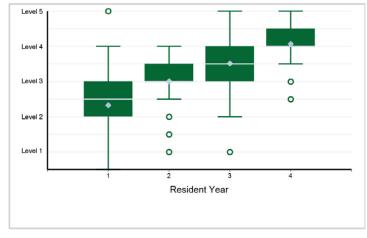
#### **Pediatrics**

7. Medical Knowledge - Medical Knowledge 2: Diagnostic Evaluation

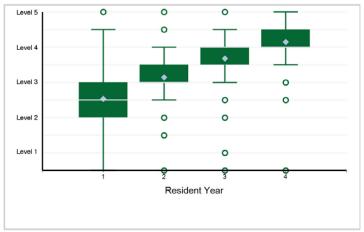


are not included in the analysis.

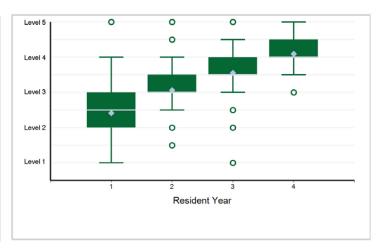
# 9. Systems-Based Practice - Systems-Based Practice 2: Quality Improvement



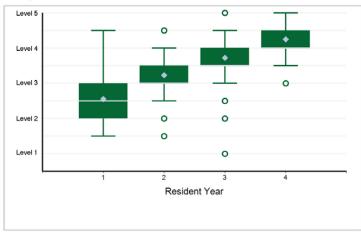
11. Systems-Based Practice - Systems-Based Practice 4: System Navigation for Patient-Centered Care – Transitions in Care



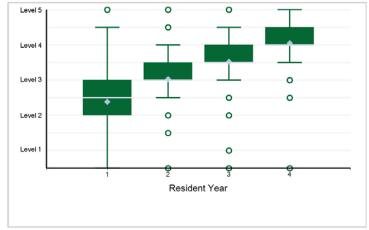
8. Systems-Based Practice - Systems-Based Practice 1: Patient Safety



10. Systems-Based Practice - Systems-Based Practice 3: System Navigation for Patient Centered Care - Coordination of Care



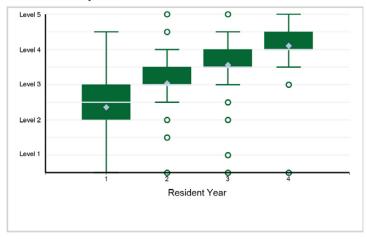
12. Systems-Based Practice - Systems-Based Practice 5: Population and Community Health



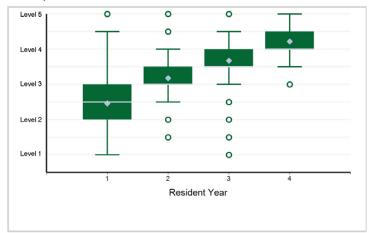
### **SPECIALTY: Internal Medicine - Pediatrics**

#### **Pediatrics**

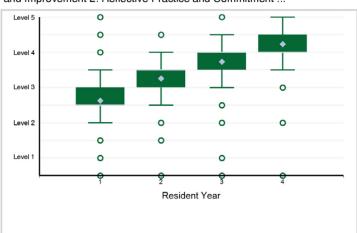
13. Systems-Based Practice - Systems-Based Practice 6: Physician Role in Health Care Systems



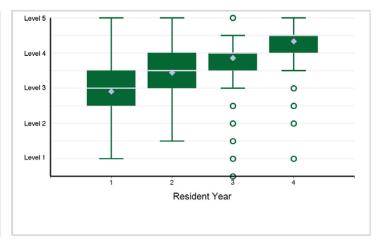
14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice



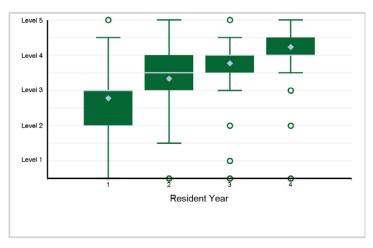
15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Reflective Practice and Commitment ...



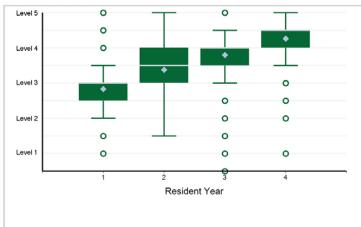
16. Professionalism - Professionalism 1: Professional Behavior



17. Professionalism - Professionalism 2: Ethical Principles



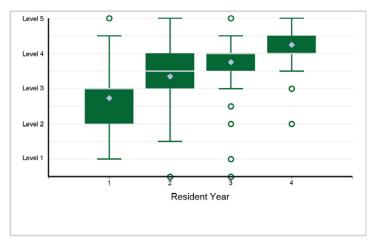
18. Professionalism - Professionalism 3: Accountability/Conscientiousness



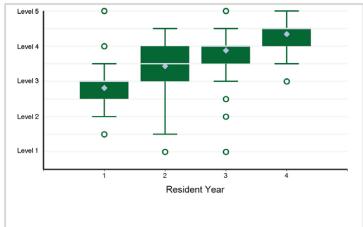
### **SPECIALTY: Internal Medicine - Pediatrics**

### **Pediatrics**

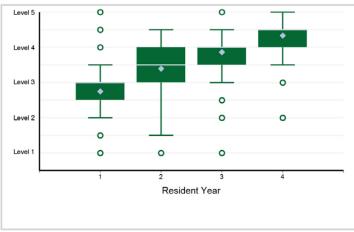
19. Professionalism - Professionalism 4: Well-Being



20. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication



21. Interpersonal and Communication Skills - Interpersonal and Communication Skills 2: Interprofessional and Team Communication



22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems

