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

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

Acknowledgments

The authors wish to thank the program directors for their valuable insights, as well as the various stakeholder groups to whom preliminary versions of these results have been presented over past years. The Milestones staff also owes a great debt of gratitude to the staff in the ACGME’s Applications and Data Analysis team for compiling the data and preparing Tables 1 and 2 and the box plots.

Contact Us:

milestones@acgme.org
REFERENCES


Hodges, B.D. 2010. “A Tea-Steeping or i-Doc Model for Medical Education?” *Academic Medicine* 85 no. 9 (September Supplement): S34-S44.


## Table 2 – Number of Subcompetencies by Specialty

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**Note:**

- **PC** - Patient Care and Procedural Skills
- **MK** - Medical Knowledge
- **SBP** - Systems-Based Practice
- **PBLI** - Practice-Based Learning and Improvement
- **PROF** - Professionalism
- **ICS** - Interpersonal and Communication Skills
Table 3 – Number of Residents/Fellows by Year in Program

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

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

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

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

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<td>11.1%</td>
<td>3.1%</td>
<td>25.0%</td>
<td></td>
</tr>
<tr>
<td>Urology (1,791)</td>
<td>20</td>
<td>16.9%</td>
<td>12.2%</td>
<td>9.6%</td>
<td>14.7%</td>
<td>24.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary) (37)</td>
<td>23</td>
<td>6.7%</td>
<td>13.3%</td>
<td>0.0%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pediatric Urology (29)</td>
<td>21</td>
<td>5.6%</td>
<td>0.0%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transitional Year (1,780)</td>
<td>19</td>
<td>15.1%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
- Anesthesiology
- Colon and Rectal Surgery
- Dermatology
- Emergency Medicine
- Family Medicine
- Internal Medicine
- Medical Genetics and Genomics
- Neurological Surgery
- Neurology
- Nuclear Medicine
- Obstetrics and Gynecology
- Ophthalmology
- Orthopaedic Surgery
- Osteopathic Neuromusculoskeletal Medicine
- Otolaryngology - Head and Neck Surgery
- Pathology
- Pediatrics
- Physical Medicine and Rehabilitation
- Plastic Surgery
- Preventive Medicine
  (Effective July 2022 Preventive Medicine became three distinct specialties: Aerospace Medicine; Occupational and Environmental Medicine; and Public Health and General Preventive Medicine)
- Psychiatry
- Radiation Oncology
- Radiology
- Surgery
- Thoracic Surgery
- Transitional Year
- Urology
TABLE 5: SPECIALTY: Allergy and Immunology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>156</td>
<td>165</td>
<td>323</td>
</tr>
</tbody>
</table>

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

Note: 2 of 323 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 1 of 323 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

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

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

6. Medical Knowledge - Medical Knowledge 2: Clinical Science of Allergy and Immunology
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

Note: 5 of 323 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>1,461</td>
<td>1,938</td>
<td>1,889</td>
<td>1,815</td>
<td>7,103</td>
</tr>
</tbody>
</table>

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

Note: 129 of 7,103 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 99 of 7,103 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 142 of 7,103 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Patient Care - Patient Care 9: Critical Care

Note: 91 of 7,103 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 243 of 7,103 residents have a status of "Not Yet Assessable" and are not included in the analysis.

11. Medical Knowledge - Medical Knowledge 1: Foundational Knowledge

Note: 25 of 7,103 residents have a status of "Not Yet Assessable" and are not included in the analysis.

12. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

Note: 46 of 7,103 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>244</td>
<td>244</td>
</tr>
</tbody>
</table>

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

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

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

6. Medical Knowledge - Medical Knowledge — Diagnostic and Therapeutic Interventions
SPECIALTY: Adult Cardiothoracic Anesthesiology

13. Professionalism - Professionalism — Receiving and Giving Feedback


15. Interpersonal and Communication Skills - Interpersonal and Communications Skills — Communication with Patients and Families
TABLE 8: SUBSPECIALTY: Critical Care Anesthesiology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>208</td>
</tr>
</tbody>
</table>

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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

Subspecialty: Critical Care Anesthesiology

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

8. 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 ...
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>57</td>
<td>57</td>
<td></td>
</tr>
</tbody>
</table>

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

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 Practice

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

10. 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


15. Interpersonal and Communication Skills - Interpersonal and Communications Skills: Communication with Patients and Families
TABLE 10: SUBSPECIALTY: Pain Medicine (multidisciplinary, Anesthesiology)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>419</td>
<td>419</td>
</tr>
</tbody>
</table>

*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 ...

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 ...

6. Patient Care - Patient Care - Requests and Provides Consultative Care
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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...

9. 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

14. 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 ...

16. 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 ...
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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>209</th>
<th>209</th>
</tr>
</thead>
</table>

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

6. 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 ...

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

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>69</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>89</td>
<td>89</td>
<td></td>
</tr>
</tbody>
</table>

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


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
TABLE 13: SPECIALTY: Colon and Rectal Surgery

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>108</td>
<td>108</td>
</tr>
</tbody>
</table>

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

Note: 1 of 108 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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)

Note: 1 of 108 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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

16. 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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>520</td>
<td>511</td>
<td>509</td>
<td>1,540</td>
</tr>
</tbody>
</table>

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

1. Patient Care - Patient Care 1: Medical Dermatology

2. Patient Care - Patient Care 2: Pediatric Dermatology

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

4. Patient Care - Patient Care 4: Dermatopathology

5. Patient Care - Patient Care 5: Cosmetic Care

6. Patient Care - Patient Care 6: Diagnostics

Note: 14 of 1,530 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 4 of 1,530 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 21 of 1,530 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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 Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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


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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>71</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>71</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Dermatopathology (multidisciplinary, Dermatology)

7. Practice-Based Learning and Improvement - Evidence-based Practice — PBL1

8. Practice-Based Learning and Improvement - Process Improvement and Patient Safety — PBL2

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>89</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>89</td>
<td>89</td>
<td></td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1 — Mohs Surgery

![Diagram for Patient Care - Patient Care 1 — Mohs Surgery](image)

2. Patient Care - Patient Care 2 — Reconstruction

![Diagram for Patient Care - Patient Care 2 — Reconstruction](image)

3. Patient Care - Patient Care 3 — Mohs Histopathology

![Diagram for Patient Care - Patient Care 3 — Mohs Histopathology](image)

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

![Diagram for Patient Care - Patient Care 4 — Diagnosis and Management](image)

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

![Diagram for Medical Knowledge - Medical Knowledge 1 — Mastery of Dermatologic Surgical Curriculum](image)

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

![Diagram for Medical Knowledge - Medical Knowledge 2 — Mastery of Cutaneous Oncologic Curriculum](image)
SPECIALTY: 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 ...

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

11. Professionalism - Professionalism 1 — Giving and Receiving Feedback

12. Professionalism - Professionalism 2 — Accountability, Honesty, and Integrity
TABLE 17: SPECIALTY: Emergency Medicine (Three-Year Program)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>2,268</td>
<td>2,135</td>
<td>1,989</td>
<td>6,392</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Emergency Stabilization

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.

3. Patient Care - Patient Care 3: Diagnostic Studies

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.

5. Patient Care - Patient Care 5: Pharmacotherapy

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 Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SPECIALTY: Emergency Medicine (Three-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

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)

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 Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SPECIALTY: Emergency Medicine (Four-Year Program)

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 Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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


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: SPECIALTY: Emergency Medical Services

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>107</td>
</tr>
</tbody>
</table>

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

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: **Medical Toxicology (multidisciplinary, Emergency Medicine)**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>38</td>
<td>43</td>
<td>61</td>
</tr>
</tbody>
</table>

*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
2. 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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

10. 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

TABLE 20: **Subspecialty**: Pediatric Emergency Medicine (multidisciplinary, Emergency Medicine)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>58</td>
<td>45</td>
<td>37</td>
<td>140</td>
</tr>
</tbody>
</table>

*Note: There are 8 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 — PC3  

4. **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 ...

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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 ...

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 ...

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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 ...

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, ...

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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>18</td>
</tr>
</tbody>
</table>

*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 ...

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

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

Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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 ...

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, 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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>13</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>13</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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


17. Interpersonal and Communication Skills - Communication with Health Care Professionals – Interpersonal Communication Skills
TABLE 23: SPECIALTY: Family Medicine

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>4,962</td>
<td>4,810</td>
<td>4,573</td>
<td>14,345</td>
</tr>
</tbody>
</table>

*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 Ill Patient

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

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

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

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

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

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

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

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

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

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

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

Note: 12 of 14,315 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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: Advocacy

12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>11</td>
<td>8</td>
<td>19</td>
</tr>
</tbody>
</table>

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

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 ...

18. Professionalism - Professionalism 5: Professionalism — Understands and practices information security and privacy
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th># of Residents</th>
<th>50</th>
</tr>
</thead>
</table>

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)


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 ...
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>459</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>459</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

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)

Note: 2 of 459 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 5 of 459 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

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

Note: 1 of 459 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SUBSPECIALTY: Hospice and Palliative Medicine (multidisciplinary, Family Medicine)

7. Medical Knowledge - Medical Knowledge 2: Palliative Management of Pain Symptoms

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.

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

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 within Health Care Systems

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

19. 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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>284</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>284</td>
<td>-----------------</td>
<td>-----</td>
</tr>
</tbody>
</table>

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 ...

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

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

SUBSPECIALTY: **Sports Medicine (multidisciplinary, Family 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 ...

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, 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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>12,090</td>
<td>9,722</td>
<td>9,236</td>
<td>31,048</td>
</tr>
</tbody>
</table>

*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

2. Patient Care - Patient Care 2: Physical Examination

3. Patient Care - Patient Care 3: Clinical Reasoning

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

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

6. Patient Care - Patient Care 6: Digital Health

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

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

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

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

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

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

1. **Medical Knowledge - Medical Knowledge 1: Applied Foundational Sciences**

   - Level 5
   - Level 4
   - Level 3
   - Level 2
   - Level 1

   **Resident Year**

   Note: 75 of 31,013 residents have a status of "Not Yet Assessable" and are not included in the analysis.

2. **Medical Knowledge - Medical Knowledge 2: Therapeutic Knowledge**

   - Level 5
   - Level 4
   - Level 3
   - Level 2
   - Level 1

   **Resident Year**

   Note: 28 of 31,013 residents have a status of "Not Yet Assessable" and are not included in the analysis.

3. **Medical Knowledge - Medical Knowledge 3: Knowledge of Diagnostic Testing**

   - Level 5
   - Level 4
   - Level 3
   - Level 2
   - Level 1

   **Resident Year**

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

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

   - Level 5
   - Level 4
   - Level 3
   - Level 2
   - Level 1

   **Resident Year**

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

   - Level 5
   - Level 4
   - Level 3
   - Level 2
   - Level 1

   **Resident Year**

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

   - Level 5
   - Level 4
   - Level 3
   - Level 2
   - Level 1

   **Resident Year**
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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


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 Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>17</td>
<td>17</td>
<td>34</td>
</tr>
</tbody>
</table>

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)

Note: 1 of 34 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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 ...

Note: 1 of 34 residents have a status of “Not Yet Assessable” and are not included in the analysis.
SUBSPECIALTY: **Adult Congenital Heart Disease**

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

Note: 1 of 34 residents have a status of "Not Yet Assessable" and are not included in the analysis.

14. **Practice-Based Learning and Improvement - Monitors practice with a goal for improvement. (PBL1)**

15. **Practice-Based Learning and Improvement - Learns and improves via performance audit. (PBL2)**

Note: 1 of 34 residents have a status of "Not Yet Assessable" and are not included in the analysis.

16. **Practice-Based Learning and Improvement - Learns and improves via feedback. (PBL3)**

17. **Practice-Based Learning and Improvement - Learns and improves at the point of care. (PBL4)**

18. **Professionalism - Has professional and respectful interactions with patients, caregivers, and members ...**
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**SUBSPECIALTY:** Adult Congenital Heart Disease

19. Professionalism - Accepts responsibility and follows through on tasks. (PROP2)

20. Professionalism - Responds to each patient's unique characteristics and needs. (PROP3)

21. Professionalism - Exhibits integrity and ethical behavior in professional conduct. (PROF-4)

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

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

24. Interpersonal and Communication Skills - Appropriate utilization and completion of health records. (ICS3)
TABLE 30: SUBSPECIALTY: Advanced Heart Failure and Transplant Cardiology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>103</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>103</td>
<td>103</td>
<td></td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Transplant

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

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

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

5. Patient Care - Patient Care 5: Pulmonary Hypertension

6. Medical Knowledge - Medical Knowledge 1: Transplant

Note: 1 of 103 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SUBSPECIALTY: Advanced Heart Failure and Transplant Cardiology

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

8. Medical Knowledge - Medical Knowledge 3: Heart Failure

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

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

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.

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

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

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

18. Professionalism - Professionalism 3: Self-Awareness and Well-Being
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: **Advanced Heart Failure and Transplant Cardiology**


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**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>1,149</td>
<td>1,101</td>
<td>1,072</td>
<td>3,322</td>
</tr>
</tbody>
</table>

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

![Box plot 1](image1)

Note: 16 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

![Box plot 2](image2)

Note: 11 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

![Box plot 3](image3)

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

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

![Box plot 4](image4)

Note: 6 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

![Box plot 5](image5)

Note: 2 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

![Box plot 6](image6)

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 Healthcare 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: 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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>174</td>
<td>135</td>
<td>309</td>
</tr>
</tbody>
</table>

*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

Note: 1 of 307 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SUBSPECIALTY: Clinical Cardiac Electrophysiology

7. Patient Care - Patient Care 7: Heart Failure

8. Patient Care - Patient Care 8: Procedural Complications

Note: 1 of 307 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Patient Care - Patient Care 9: Ambulatory Care

10. Medical Knowledge - Medical Knowledge 1: Arrhythmia Diagnosis and Interpretation

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

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

Note: 1 of 307 residents have a status of "Not Yet Assessable" and are not included in the analysis.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

Note: 1 of 307 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

16. 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...

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SUBSPECIALTY: Clinical Cardiac Electrophysiology

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

20. Professionalism - Professionalism 2: Accountability/Conscientiousness


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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>31</td>
<td>19</td>
<td>50</td>
</tr>
</tbody>
</table>

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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Clinical Informatics (multidisciplinary, Internal 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, 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 ...

18. 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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>186</td>
<td>136</td>
<td>322</td>
</tr>
</tbody>
</table>

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

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

Note: 1 of 322 residents have a status of "Not Yet Assessable" and are not included in the analysis.

3. Patient Care - Patient Care 3: Pre-Procedural Assessment

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

Note: 1 of 322 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

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

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

10. 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 ...
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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


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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>372</td>
<td>330</td>
<td>702</td>
</tr>
</tbody>
</table>

*Note: There are 8 residents with an incomplete milestone evaluation that are excluded from the box plots below.

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

2. 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

Note: 18 of 696 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 6 of 696 residents have a status of "Not Yet Assessable" and are not included in the analysis.
7. Medical Knowledge - Medical Knowledge 1: Integration of Pathophysiology and Clinical Reasoning

8. Medical Knowledge - Medical Knowledge 2: Scholarly Activity

Note: 1 of 656 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

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

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

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

Note: 17 of 656 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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

![Box plot diagram showing milestone evaluation by resident year for Endocrinology, Diabetes, and Metabolism specialty. The diagram compares Resident Year 1 and Year 2 across Level 1, Level 2, Level 3, Level 4, and Level 5 milestones.](image-url)
TABLE 36: SUBSPECIALTY: Gastroenterology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>662</td>
<td>631</td>
<td>600</td>
<td>1,893</td>
</tr>
</tbody>
</table>

*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

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

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

6. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

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

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

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

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

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TABLE 37: SUBSPECIALTY: Gastroenterology - Transplant Hepatology Pathway

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>1</td>
<td>8</td>
<td>11</td>
<td>20</td>
</tr>
</tbody>
</table>

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

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: Procedures Cognitive Components

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

5. 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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**SUBspecialty:** Gastroenterology - Transplant Hepatology Pathway

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>1</td>
<td>8</td>
<td>11</td>
<td>20</td>
</tr>
</tbody>
</table>

*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

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

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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>298</td>
<td>298</td>
</tr>
</tbody>
</table>

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

Note: 1 of 298 residents have a status of "Not Yet Assessable" and are 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

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, 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)**


![Graph showing level distribution for Resident Year 2021-2022]

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

![Graph showing level distribution for Resident Year 2021-2022]

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

![Graph showing level distribution for Resident Year 2021-2022]

22. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Complex Communication around Serious ...
### TABLE 39: SUBSPECIALTY: Hematology and Medical Oncology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>689</td>
<td>681</td>
<td>606</td>
<td>1,976</td>
</tr>
</tbody>
</table>

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 Hematology and Oncology Disorders**

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.

4. **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.

5. **Patient Care - Patient Care 5: Competence in Procedures: Performance of Bone Marrow Biopsies and Aspirations** ...

6. **Medical Knowledge - Medical Knowledge 1: Non-Malignant Hematology (Includes Pathophysiology, Diagnostics, ...**

Note: 12 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, ...

Note: 3 of 1,976 residents have a status of "Not Yet Assessable" and are not included in the analysis.

8. Medical Knowledge - Medical Knowledge 3: Solid Tumor Oncology (includes Pathophysiology, Diagnostics, ...

Note: 10 of 1,976 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Medical Knowledge - Medical Knowledge 4: Scholarly Activity

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

Note: 62 of 1,976 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>427</td>
<td>376</td>
<td>803</td>
</tr>
</tbody>
</table>

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

2. Patient Care - Patient Care 2: Management of Patients with Possible and Proven Infectious Diseases

3. Patient Care - Patient Care 3: Consultative Care

4. Medical Knowledge - Medical Knowledge 1: Diagnostic Reasoning

5. Medical Knowledge - Medical Knowledge 2: Diagnostic Evaluation

6. Medical Knowledge - Medical Knowledge 3: Treatment and Therapeutics including Anti-Infectives, Immunoprophylaxis, ...

Note: 1 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

8. Medical Knowledge - Medical Knowledge 5: Pathophysiology and Foundational Science

Note: 11 of 803 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 13 of 803 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Medical Knowledge - Medical Knowledge 6: Scholarly Activity

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

Note: 21 of 803 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

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


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 Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

TABLE 41: SUBSPECIALTY: Interventional Cardiology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents(^*)</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>359</td>
<td>359</td>
</tr>
</tbody>
</table>

\(^*\)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

![Box Plot Image]

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

![Box Plot Image]

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)

![Box Plot Image]

Note: 1 of 356 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

![Box Plot Image]

Note: 3 of 356 residents have a status of "Not Yet Assessable" and are not included in the analysis.

5. Medical Knowledge - Medical Knowledge 2: Pharmacology

![Box Plot Image]

Note: 2 of 356 residents have a status of "Not Yet Assessable" and are not included in the analysis.

6. Medical Knowledge - Medical Knowledge 3: Devices, Techniques, and Outcomes

![Box Plot Image]

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

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: 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 Healthcare Systems
TABLE 42: SUBSPECIALTY: Medical Oncology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>18</td>
<td>16</td>
<td>34</td>
</tr>
</tbody>
</table>

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

4. 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, ...)

8. Medical Knowledge - Medical Knowledge 3: Scholarly Activity

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: Coordination ...

12. Systems-Based Practice - Systems-Based Practice 4: System Navigation for Patient-Centered Care: Population Health

Note: 1 of 34 residents have a status of "Not Yet Assessable" and are not included in the analysis.
**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

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**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>449</td>
<td>419</td>
<td>868</td>
</tr>
</tbody>
</table>

1. **Patient Care - Patient Care 1: Acute Kidney Injury**

2. **Patient Care - Patient Care 2: Chronic Dialysis Therapy**

Note: 2 of 868 residents have a status of "Not Yet Assessable" and are not included in the analysis.

3. **Patient Care - Patient Care 3: Chronic Kidney Disease**

Note: 1 of 868 residents have a status of "Not Yet Assessable" and are not included in the analysis.

4. **Patient Care - Patient Care 4: Transplant**

Note: 23 of 868 residents have a status of "Not Yet Assessable" and are not included in the analysis.

5. **Patient Care - Patient Care 5: Fluid and Electrolytes**

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.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: **Nephrology**

7. Patient Care - Patient Care 7: Competence in Procedures

8. Medical Knowledge - Medical Knowledge 1: Physiology and Pathophysiology

Note: 46 of 868 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Medical Knowledge - Medical Knowledge 2: Pharmacology and Therapeutics

10. Medical Knowledge - Medical Knowledge 3: Diagnostic Testing in Kidney Disease

Note: 1 of 868 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

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

Note: 2 of 868 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Nephrology

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


22. Interpersonal and Communication Skills: Interpersonal and Communication Skills 3: Communication within Health Care Systems
Specialty: Pulmonary Disease

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**

10. **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**
Specialty: Pulmonary Disease

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

14. Professionalism - Professionalism 2: Accountability

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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>796</td>
<td>714</td>
<td>667</td>
<td>2,177</td>
</tr>
</tbody>
</table>

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.

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.

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.

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.

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.

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

Note: 1 of 2,177 residents have a status of “Not Yet Assessable” and are not included in the analysis.

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

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

*Note: There are 8 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

Note: 3 of 529 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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

Note: 9 of 529 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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


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)*

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>205</th>
<th>205</th>
</tr>
</thead>
</table>

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 patients 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

6. Medical Knowledge  -  Medical Knowledge 2: Therapeutic knowledge for sleep disorders
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**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

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

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**SUBSPECIALTY:** Sleep Medicine (multidisciplinary, Internal 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: 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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
<th># of Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>48</td>
</tr>
</tbody>
</table>

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

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

Note: 2 of 48 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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

10. 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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**SUBSPECIALTY:** Transplant Hepatology

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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>41</td>
<td>32</td>
<td>73</td>
</tr>
</tbody>
</table>

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

4. Medical Knowledge - Medical Knowledge 1: Foundations of Genetics and Genomics

5. 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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>8</td>
<td>5</td>
<td>13</td>
</tr>
</tbody>
</table>

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

10. 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 Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

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

Specialty: Clinical Biochemical Genetics
TABLE 51: SPECIALTY: Laboratory Genetics and Genomics

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>31</td>
<td>35</td>
<td>66</td>
</tr>
</tbody>
</table>

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 Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

10. 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

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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

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: Laboratory Genetics and Genomics

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems
<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>17</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>17</td>
<td>17</td>
<td></td>
</tr>
</tbody>
</table>

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

4. Medical Knowledge - Molecular and Metabolic Mechanisms — Medical Knowledge 1

5. Medical Knowledge - Newborn Screening (NBS) — Medical Knowledge 2

6. Medical Knowledge - Diagnostic Testing — Medical Knowledge 3
SUBSPECIALTY: Medical Biochemical Genetics

7. Systems-Based Practice - Systems Approach — Systems-Based Practice 1

8. Systems-Based Practice - Newborn Screening Systems — Systems-Based Practice 2

9. Systems-Based Practice - Transitions of Care — Systems-Based Practice 3

10. 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 1
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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
<th># of Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>59</td>
<td>59</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Quality Assurance and Quality Management

![Box Plot for Patient Care 1](image1)

2. Patient Care - Patient Care 2: Interpretation of Molecular and Genetic Testing

![Box Plot for Patient Care 2](image2)

3. Patient Care - Patient Care 3: Interdisciplinary Consultation

![Box Plot for Patient Care 3](image3)

4. Medical Knowledge - Medical Knowledge 1: Molecular Testing with Various Platforms (Diagnosis, Management, Prognostication)

![Box Plot for Medical Knowledge 1](image4)

5. Medical Knowledge - Medical Knowledge 2: Genomic Testing, Genomic Databases, and Bioinformatics

![Box Plot for Medical Knowledge 2](image5)

6. Medical Knowledge - Medical Knowledge 3: Patient-Centered Interpretation

![Box Plot for Medical Knowledge 3](image6)
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)

Note: 1 of 59 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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

10. 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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>Total Residents*</th>
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<tr>
<td># of Residents</td>
<td>237</td>
<td>239</td>
<td>232</td>
<td>212</td>
<td>218</td>
<td>222</td>
<td>222</td>
<td>1,582</td>
</tr>
</tbody>
</table>

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

1. Patient Care - 1: Brain Tumor

2. Patient Care - 2: Surgical Treatment of Epilepsy and Movement Disorders

3. Patient Care - 3: Pain and Peripheral Nerve Disorders

4. Patient Care - 4: Spinal Neurological Surgery

5. Patient Care - 5: Vascular Neurological Surgery

6. Patient Care - 6: Pediatric Neurological Surgery

Note: 30 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 48 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 63 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 35 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 33 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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)

8. Patient Care - 8. Critical Care

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

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

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

12. Systems-Based Practice - 2: Quality Improvement

Note: 9 of 1,581 residents have a status of "Not Yet Rotated" and are not included in the analysis.
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
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**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>659</td>
<td>965</td>
<td>911</td>
<td>850</td>
<td>3,385</td>
</tr>
</tbody>
</table>

*Note: There are 5 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: Neurologic Exam

3. Patient Care - Patient Care 3: Formulation

4. Patient Care - Patient Care 4: Diagnosis and Management of Neurologic Disorders in the Outpatient Setting

5. Patient Care - Patient Care 5: Diagnosis and Management of Neurologic Disorders in the Inpatient Setting

6. Patient Care - Patient Care 6: Diagnosis and Management of Neurologic Emergencies

Note: 100 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 103 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 87 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 218 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 126 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

8. Patient Care - Patient Care 8: Interpretation of Neuroimaging

Note: 456 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 177 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)

10. Patient Care - Patient Care 10: Nerve Conduction Study/Electromyogram (NCS/EMG)

Note: 370 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 569 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

12. Patient Care - Patient Care 12: Psychiatric and Functional Aspects of Neurology

Note: 240 of 3,380 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

14. Medical Knowledge - Medical Knowledge 2: Diagnostic Investigation

Note: 64 of 3,360 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

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

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

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

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
**Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022**

**TABLE 56: SUBSPECIALTY: Clinical Neurophysiology**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>154</td>
<td>154</td>
</tr>
</tbody>
</table>

*Note: There are 1 resident with an incomplete milestone evaluation that are excluded from the box plots below.

1. **Patient Care - History — Patient Care**

   Note: 1 of 153 residents have a status of "Not Applicable" and are not included in the analysis.

2. **Patient Care - Neurological Exam — Patient Care**

3. **Patient Care - Electroencephalogram (EEG) — Patient Care**

   Note: 4 of 153 residents have a status of "Not Applicable" and are not included in the analysis.

4. **Patient Care - Nerve Conduction Studies (NCS) — Patient Care**

   Note: 26 of 153 residents have a status of "Not Applicable" and are not included in the analysis.

5. **Patient Care - EMG — Patient Care**

   Note: 26 of 153 residents have a status of "Not Applicable" and are not included in the analysis.

6. **Patient Care - Evoked Potential (EP)/Intraoperative Monitoring (IOM) — Patient Care**

   Note: 31 of 153 residents have a status of "Not Applicable" and are not included in the analysis.
SUBSPECIALTY: Clinical Neurophysiology

7. Patient Care - Sleep Disorders — Patient Care

8. Medical Knowledge - Localization — Medical Knowledge

Note: 64 of 153 residents have a status of "Not Applicable" and are not included in the analysis.

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


14. 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 — 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
Specialty: Clinical Neurophysiology

19. Professionalism - Knowledge about, respect for, and adherence to the ethical principles relevant to ...

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
<th># of Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>158</td>
<td>158</td>
</tr>
</tbody>
</table>

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-Efficient Practice — Systems-Based Practice

12. Systems-Based Practice - Advocacy, Continuum of Care, and Community Resources — Systems-Based Practice
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**SUBSPECIALTY: Epilepsy**

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, Accountability, and Respect for Self and Others — Professionalism

16. Professionalism - Knowledge about, Respect for, and Adherence to the Ethical Principles Relevant to

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>7</td>
<td>8</td>
<td>7</td>
<td>5</td>
<td>27</td>
</tr>
</tbody>
</table>

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

Note: 1 of 27 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SUBSPECIALTY: Neurodevelopmental Disabilities

13. Medical Knowledge - Medical Knowledge 3: Neuroimaging

14. Medical Knowledge - Medical Knowledge 4: Electromyography

Note: 7 of 27 residents have a status of "Not Yet Assessable" and are not included in the analysis.

15. Medical Knowledge - Medical Knowledge 5: Diagnostic Investigation

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

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

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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>73</th>
</tr>
</thead>
</table>

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)

13. Medical Knowledge - Muscle and Nerve Pathology — Medical Knowledge

14. 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

16. 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 ...

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

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

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TABLE 60: SUBSPECIALTY: Vascular Neurology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>154</td>
<td>154</td>
</tr>
</tbody>
</table>

*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: Telesroke/Remote Consultation/Consultation

6. Medical Knowledge - Medical Knowledge 1: Localization

Note: 6 of 152 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 1 of 152 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SUBSPECIALTY: Vascular Neurology

7. Medical Knowledge - Medical Knowledge 2: Formulation

8. Medical Knowledge - Medical Knowledge 3: Multimodal Imaging in Vascular Neurology (e.g., Computed Tomography...)

Note: 1 of 152 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 1 of 152 residents have a status of "Not Yet Assessable" and are 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


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

![Box Plot Diagram]

- Level 5
- Level 4
- Level 3
- Level 2
- Level 1

Resident Year
TABLE 61: SPECIALTY: **Child Neurology**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>174</td>
<td>148</td>
<td>142</td>
<td>464</td>
</tr>
</tbody>
</table>

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

4. Patient Care - Patient Care 4: Diagnosis and Management in the Inpatient Setting

5. Patient Care - Patient Care 5: Diagnosis and Management in the Outpatient Setting

6. Patient Care - Patient Care 6: Neuroimaging

Note: 9 of 464 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 2 of 464 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 5 of 464 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SPECIALTY: Child Neurology

7. Patient Care - Patient Care 7: Electroencephalogram (EEG)

8. Patient Care - Patient Care 8: Lumbar Puncture

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

10. Patient Care - Patient Care 10: Determination of Death by Neurologic Criteria

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

12. Medical Knowledge - Medical Knowledge 2: Localization

Note: 3 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 Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>38</td>
<td>20</td>
<td>18</td>
<td>76</td>
</tr>
</tbody>
</table>

*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 ...


Note: 1 of 73 residents have a status of "Not Yet Rotated" and are not included in the analysis.

3. Patient Care - Therapy: Radiiodine for Benign Thyroid Disease-Patient Evaluation, Procedure Selection, ...

4. Patient Care - Therapy: Radiiodine 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

Note: 3 of 73 residents have a status of "Not Yet Rotated" and are not included in the analysis.
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
19. Interpersonal and Communication Skills - Health Care Team—Interpersonal and Communications Skills
TABLE 63: SPECIALTY: Obstetrics and Gynecology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>1,526</td>
<td>1,496</td>
<td>1,441</td>
<td>1,423</td>
<td>5,888</td>
</tr>
</tbody>
</table>

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

1. 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

Note: 137 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

6. 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, ... 

8. Patient Care - Gynecology Technical Skills: Endoscopy (Laparoscopy, Hysteroscopy, Cystoscopy)—Patient Care

Note: 478 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Patient Care - Family Planning—Patient Care

Note: 63 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

10. Patient Care - Ambulatory Gynecology—Patient Care

Note: 46 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

11. Patient Care - Care of the Patient with Non-Reproductive Medical Disorders—Patient Care

Note: 30 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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

Note: 38 of 5,887 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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.

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.

16. 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.

17. Medical Knowledge - First Trimester Bleeding—Medical Knowledge

Note: 28 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 ...

20. 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 ...

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 ...

TABLE 64: SUBSPECIALTY: Female Pelvic Medicine and Reconstructive Surgery (multidisciplinary, Obstetrics and Gynecology)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>53</td>
<td>48</td>
<td>51</td>
<td>152</td>
</tr>
</tbody>
</table>

1. Patient Care - General Pelvic Floor Evaluation — Patient Care

2. 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

Note: 1 of 152 residents have a status of "Not Yet Rotated" and are not included in the analysis.
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 - Anorectal 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

Note: 2 of 152 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 1 of 152 residents have a status of "Not Yet Rotated" and are not included in the analysis.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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 ...

Note: 7 of 152 residents have a status of "Not Yet Rotated" and are not included in the analysis.
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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>81</td>
<td>75</td>
<td>73</td>
<td>229</td>
</tr>
</tbody>
</table>

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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

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Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>142</td>
<td>130</td>
<td>131</td>
<td>403</td>
</tr>
</tbody>
</table>

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
TABLE 67: SUBSPECIALTY: Reproductive Endocrinology and Infertility

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>61</td>
<td>55</td>
<td>56</td>
<td>172</td>
</tr>
</tbody>
</table>

*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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

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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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Total Residents</th>
</tr>
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<tbody>
<tr>
<td># of Residents</td>
<td>171</td>
<td>519</td>
<td>507</td>
<td>496</td>
<td>1,693</td>
</tr>
</tbody>
</table>

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.

2. Patient Care - Patient Care 2: Hospital-Based Consultation

Note: 5 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.

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.

5. Patient Care - Patient Care 5: Extracocular Surgery (Plastics, Strabismus)

Note: 91 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

8. Medical Knowledge - Medical Knowledge 2: Differential Diagnosis

Note: 2 of 1,693 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 1 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

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

Note: 11 of 1,693 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

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>Total Residents*</th>
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<tbody>
<tr>
<td># of Residents</td>
<td>909</td>
<td>905</td>
<td>889</td>
<td>891</td>
<td>876</td>
<td>4,470</td>
</tr>
</tbody>
</table>

*Note: There are 20 residents with an incomplete milestone evaluation that are excluded from the box plots below.

1. Patient Care - Patient Care 1: Operative Management of Fractures and Dislocations

2. Patient Care - Patient Care 2: Operative Management of Soft Tissue Pathology

Note: 36 of 4,450 residents have a status of "Not Yet Assessable" and are not included in the analysis.

3. Patient Care - Patient Care 3: Operative Management of Degenerative, Infectious, and Neoplastic Conditions

4. Patient Care - Patient Care 4: Operative Management of Arthroscopically Treated Conditions

Note: 79 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

6. Patient Care - Patient Care 6: Evaluation and Management of the Adult Orthopaedic Patient

Note: 85 of 4,450 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 221 of 4,450 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 322 of 4,450 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

8. Medical Knowledge - Medical Knowledge 1: Orthopaedic Clinical Decision Making

Note: 283 of 4,450 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Medical Knowledge - Medical Knowledge 2: Anatomy and Physiology of Musculoskeletal Conditions

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

Note: 29 of 4,450 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

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>53</td>
<td>53</td>
</tr>
</tbody>
</table>

*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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

16. 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, ...
TABLE 71: SUBSPECIALTY: Foot and Ankle Orthopaedic Surgery

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>16</td>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

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
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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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 ...


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)**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>156</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>156</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

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

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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...
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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...

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

[Box Plot Diagram]
TABLE 74: SUBSPECIALTY: Orthopaedic Sports Medicine

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>216</td>
</tr>
</tbody>
</table>

1. Patient Care - Nonoperative: history and physical examination, imaging interpretation, common medical ...

2. Patient Care - Operative Skills—Patient Care

3. Patient Care - Team Coverage and Athletic Care: coverage of sporting events, pre-season physical examinations, ...

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 ...
TABLE 75: SUBSPECIALTY: Orthopaedic Surgery of the Spine

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>25</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>25</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>20</td>
</tr>
<tr>
<td># of Residents</td>
<td>20</td>
</tr>
</tbody>
</table>

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 ...
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...

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, ...
TABLE 77: SUBSPECIALTY: Pediatric Orthopaedic Surgery

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>35</td>
<td>35</td>
</tr>
</tbody>
</table>

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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Pediatric Orthopaedic Surgery

7. Patient Care - Pediatric Orthopaedics Clubfoot—Patient Care

8. Medical Knowledge - Pediatric Orthopaedics Clubfoot—Medical Knowledge

9. Patient Care - Pediatric Orthopaedics Lower Extremity Deformity—Patient Care

10. 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

13. 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 healthcare 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 ...

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>16</td>
<td>22</td>
<td>45</td>
<td>83</td>
</tr>
</tbody>
</table>

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 neuromusculoskeletal ...
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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>Total Residents</th>
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<tbody>
<tr>
<td># of Residents</td>
<td>362</td>
<td>367</td>
<td>349</td>
<td>342</td>
<td>344</td>
<td>1,764</td>
</tr>
</tbody>
</table>

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 Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**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 ...

16. Professionalism - Professionalism

17. Interpersonal and Communication Skills - Interpersonal Communication Skills
TABLE 80: SUBSPECIALTY: **Neurotology**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>20</td>
<td>17</td>
<td>37</td>
</tr>
</tbody>
</table>

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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

Subspecialty: **Neurotology**

13. Interpersonal and Communication Skills - Patient- and Family-centered Care – Interpersonal and Communication Skills
TABLE 81: SUBSPECIALTY: **Pediatric Otolaryngology**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>42</td>
<td>42</td>
</tr>
</tbody>
</table>

*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

[Box plot diagram showing resident year milestone evaluation for level 3 and level 5.]
### TABLE 82: SPECIALTY: Pathology - Anatomic and Clinical

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Total Residents</th>
</tr>
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<tbody>
<tr>
<td># of Residents</td>
<td>628</td>
<td>611</td>
<td>594</td>
<td>514</td>
<td>2,347</td>
</tr>
</tbody>
</table>

#### 1. Patient Care - 1: Reporting (Anatomic Pathology/Clinical Pathology [AP/CP])

#### 2. Patient Care - 2: Grossing (AP)

Note: 83 of 2,347 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 3. Patient Care - 3: Clinical Consultation, including On-Call Interactions (AP/CP)

Note: 20 of 2,347 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 4. Patient Care - 4: Interpretation and Diagnosis (AP/CP)

#### 5. Patient Care - 5: Intra-Operative Consultation (IOC), including Frozen Section (FS) (AP)

Note: 116 of 2,347 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 6. Patient Care - 6: Autopsy (AP)

Note: 103 of 2,347 residents have a status of "Not Yet Rotated" and are 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)

Note: 3 of 2,347 residents have a status of "Not Yet Rotated" and are not 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 Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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)
### TABLE 83: SUBSPECIALTY: Blood Banking/Transfusion Medicine

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>45</td>
<td>45</td>
</tr>
</tbody>
</table>

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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**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

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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Blood Banking/Transfusion Medicine

19. Professionalism - Professionalism 2: Accountability and Conscientiousness

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


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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>13</td>
<td>8</td>
<td>21</td>
</tr>
</tbody>
</table>

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)

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 ...

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>2</th>
<th>124</th>
<th>124</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Reporting

4. Patient Care - Patient Care 4: Adequacy (Rapid On-Site Evaluation [ROSE]) and Triage

2. Patient Care - Patient Care 2: Consultation

5. Patient Care - Patient Care 5: Fine Needle Aspiration Slide and Core Biopsy Touch Preparations

3. Patient Care - Patient Care 3: Performance of Fine Needle Aspirations

6. Patient Care - Patient Care 6: Cytopreparatory Techniques

Note: 1 of 124 residents have a status of "Not Yet Rotated" and are not included in the analysis.
SUBSPECIALTY: Cytopathology

7. Medical Knowledge - Medical Knowledge 1: Diagnosis

8. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

Note: 1 of 124 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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

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

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

12. Systems-Based Practice - Systems-Based Practice 4: Accreditation, Compliance, and Quality

Note: 1 of 124 residents have a status of "Not Yet Rotated" and are not included in the analysis.
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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>59</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Death Investigation

2. Patient Care - Patient Care 2: Autopsy (External and Internal Examination)

3. 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

6. 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


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

SUBSPECIALTY: Forensic Pathology

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 4: Medicolegal Communication

![Box Plot Diagram]
TABLE 87: SPECIALTY: Hematopathology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>128</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>128</td>
<td>128</td>
<td></td>
</tr>
</tbody>
</table>

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 Triageing

5. Medical Knowledge - Medical Knowledge 1: Interpretation of Hematology Testing

6. Medical Knowledge - Medical Knowledge 2: Interpretation of Coagulation Testing

Note: 6 of 128 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 5 of 128 residents have a status of "Not Yet Rotated" and are not included in the analysis.
SUBSPECIALTY: Hematopathology

7. Medical Knowledge - Medical Knowledge 3: Interpretation of Flow Cytometry

8. 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 Healthcare 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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>12</td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

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

6. Medical Knowledge - Medical Knowledge 3: Test Development and Validation/Verification
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>31</td>
<td>22</td>
<td>53</td>
</tr>
</tbody>
</table>

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

Note: 1 of 53 residents have a status of "Not Yet Rotated" and are not included in the analysis.
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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUB SPECIALTY: 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

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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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>22</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Pediatric and Perinatal Pathology Grossing (Examine, Describe, Triage, Sample, and Document)

![Graph 1](image1)

2. Patient Care - Patient Care 2: Intra-Operative Consultation (Frozen Sections, Rapid Onsite Evaluation of Fine Needle Aspiration)

![Graph 2](image2)

3. Patient Care - Patient Care 3: Autopsy

![Graph 3](image3)

4. Patient Care - Patient Care 4: Reporting, including Surgical Pathology, Cytopathology, and Autopsy

![Graph 4](image4)

5. Medical Knowledge - Medical Knowledge 1: Knowledge of Pediatric and Perinatal Diseases

![Graph 5](image5)

6. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

![Graph 6](image6)
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

10. 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**


![Box plot diagram](image-url)
TABLE 91: **Subspecialty:** Selective Pathology - Focused Anatomic

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>104</td>
<td>104</td>
</tr>
</tbody>
</table>

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)

Note: 6 of 104 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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, ...
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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)

10. 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

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within...
### TABLE 92: SUBSPECIALTY: Selective Pathology - Surgical

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>62</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>82</td>
<td></td>
<td>62</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Reporting (Track A, B, and C)

![Box plot for Patient Care 1]

2. Patient Care - Patient Care 2: Gross Examination (Track A and B)

![Box plot for Patient Care 2]

Note: 1 of 82 residents have a status of "Not Yet Rotated" and are not included in the analysis.

3. Patient Care - Patient Care 3: Intra-Operative Consultation (IOC), including Frozen Section (Track A and B)

![Box plot for Patient Care 3]

Note: 1 of 82 residents have a status of "Not Yet Rotated" and are not included in the analysis.

4. Patient Care - Patient Care 4: Microscopic Examination and Ancillary Testing for Diagnosis (Track A and B)

![Box plot for Patient Care 4]

5. Medical Knowledge - Medical Knowledge 1: Clinical Reasoning (Track A, B, and C)

![Box plot for Medical Knowledge 1]

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)

10. 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 ...
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: **Selective Pathology - Surgical**

19. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within ...

![Box Plot Diagram](image)
# TABLE 93: SPECIALTY: Pediatrics

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>3,286</td>
<td>3,209</td>
<td>3,015</td>
<td>9,510</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: History

![Box Plot](image1)

Note: 7 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

![Box Plot](image2)

Note: 69 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

![Box Plot](image3)

Note: 17 of 9,510 residents have a status of "Not Yet Assessable" and are not included in the analysis.

4. Patient Care - Patient Care 4: Clinical Reasoning

![Box Plot](image4)

Note: 7 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

![Box Plot](image5)

Note: 41 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

![Box Plot](image6)

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

Note: 7 of 9,510 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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
TABLE 94: SUBSPECIALTY: Adolescent Medicine

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>28</td>
<td>32</td>
<td>33</td>
<td>93</td>
</tr>
</tbody>
</table>

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 ...

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**SUBSPECIALTY: Adolescent 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 - PBL1. Identify strengths, deficiencies, and limits in one’s knowledge and expertise**

12. **Practice-Based Learning and Improvement - PBL2. Systematically analyze practice using quality improvement methods, and ...**

Note: 3 of 93 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 1 of 93 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 2 of 93 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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 - PBL1. Use information technology to optimize learning and care delivery

14. Practice-Based Learning and Improvement - PBL4. 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 ...
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...

21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals
TABLE 95: SUBSPECIALTY: Child Abuse Pediatrics

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>22</td>
<td>14</td>
<td>14</td>
<td>50</td>
</tr>
</tbody>
</table>

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

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.

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 - PBL1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

12. Practice-Based Learning and Improvement - PBL2. 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.
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 ...
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 ...

21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals
### TABLE 96: SUBSPECIALTY: Clinical Informatics (multidisciplinary, Pediatrics)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>15</td>
<td>14</td>
<td>29</td>
</tr>
</tbody>
</table>

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)

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 ...

18. Professionalism - Professionalism 5: Professionalism — Understands and practices information security and privacy
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
# Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

## TABLE 97: SUBSPECIALTY: Developmental-Behavioral Pediatrics

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>46</td>
<td>30</td>
<td>37</td>
<td>113</td>
</tr>
</tbody>
</table>

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 113 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SUBSPECIALTY: Developmental-Behavioral Pediatrics

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 - PBL1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

12. Practice-Based Learning and Improvement - PBL2. Systematically analyze practice using quality improvement methods, and ...

Note: 3 of 113 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 7 of 113 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 5 of 113 residents have a status of "Not Yet Assessable" and are not included in the analysis.
13. Practice-Based Learning and Improvement - PBL/I3. Use information technology to optimize learning and care delivery

14. Practice-Based Learning and Improvement - PBL/I4. Participate in the education of patients, families, ...

15. Professionalism - PROF/I. Professional Conduct: High standards of ethical behavior which includes maintaining ...

16. Professionalism - PROF/II. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients

17. Professionalism - PROF/III. Provide leadership skills that enhance team functioning, the learning environment, ...

18. Professionalism - PROF/IV. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...

Note: 4 of 113 residents have a status of “Not Yet Assessable” and are not included in the analysis.
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 ... 

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>299</td>
<td>252</td>
<td>252</td>
<td>803</td>
</tr>
</tbody>
</table>

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 803 residents have a status of “Not Yet Assessable“ and are not included in the analysis.

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

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.

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 - PBL1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

12. Practice-Based Learning and Improvement - PBL2. Systematically analyze practice using quality improvement methods, and ...

Note: 9 of 803 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SUBSPECIALTY: Neonatal-Perinatal Medicine

13. Practice-Based Learning and Improvement - PBL3. Use information technology to optimize learning and care delivery

14. Practice-Based Learning and Improvement - PBL4. Participate in the education of patients, families, ...

Note: 1 of 803 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 ...

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 ...

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>165</td>
<td>161</td>
<td>157</td>
<td>483</td>
</tr>
</tbody>
</table>

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 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 1 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 1 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 3 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**SUBSPECIALTY:** Pediatric Cardiology

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 - PBL1.** Identify strengths, deficiencies, and limits in one’s knowledge and expertise

12. **Practice-Based Learning and Improvement - PBL2.** Systematically analyze practice using quality improvement methods, and ...

Note: 1 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 9 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 2 of 483 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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 - PBL13. Use information technology to optimize learning and care delivery

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 - PBL14. Participate in the education of patients, families, ...

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.

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, ...

Note: 2 of 483 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: 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 ... 

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>210</td>
<td>202</td>
<td>184</td>
<td>596</td>
</tr>
</tbody>
</table>

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 healthcare delivery settings and systems ...

Note: 1 of 596 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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 ...

Note: 2 of 596 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

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.

11. Practice-Based Learning and Improvement - PBL1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

12. Practice-Based Learning and Improvement - PBL2. 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.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Pediatric Critical Care 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 ...

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 ...

Note: 1 of 596 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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 ...

21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals

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### Table 101: Subspecialty: Pediatric Emergency Medicine (multidisciplinary, Pediatrics)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>154</td>
<td>150</td>
<td>142</td>
<td>446</td>
</tr>
</tbody>
</table>

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 — PC3

4. 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 ...
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 ...

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, Pediatrics)

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 ...

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

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>85</td>
<td>86</td>
<td>63</td>
<td></td>
</tr>
</tbody>
</table>

*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 ...

6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...
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: 4 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

11. Practice-Based Learning and Improvement - PBL1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

12. Practice-Based Learning and Improvement - PBL2. Systematically analyze practice using quality improvement methods, and ...

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 ...

Note: 4 of 231 residents have a status of "Not Yet Assessable" and are 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 ...

21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals
TABLE 103: SUBSPECIALTY: Pediatric Gastroenterology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>112</td>
<td>110</td>
<td>110</td>
<td>332</td>
</tr>
</tbody>
</table>

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 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 healthcare 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 - PBL1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

12. Practice-Based Learning and Improvement - PBL2. Systematically analyze practice using quality improvement methods, and...

Note: 1 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 - PBL3. 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.

14. Practice-Based Learning and Improvement - PBL4. 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.

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.

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.

17. Professionalism - PROF3. Provide leadership skills that enhance team functioning, the learning environment, ...

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 ...
**SUBSPECIALTY:** Pediatric Gastroenterology

19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ...

![Box Plot Diagram](image)

**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 ...

![Box Plot Diagram](image)

**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

![Box Plot Diagram](image)

**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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>167</td>
<td>158</td>
<td>162</td>
<td>487</td>
</tr>
</tbody>
</table>

1. Patient Care - PC1. Provide transfer of care that ensures seamless transitions

Note: 13 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

Note: 1 of 487 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 487 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 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.

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

8. Systems-Based Practice - SBP3. Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or ...

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

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions

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 - PBL1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

12. Practice-Based Learning and Improvement - PBL2. Systematically analyze practice using quality improvement methods, and ...

Note: 2 of 487 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 9 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.

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.

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.

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.

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.

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...

20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care...

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**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>92</td>
<td>73</td>
<td>165</td>
</tr>
</tbody>
</table>

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 healthcare delivery settings and systems ...

Note: 1 of 165 residents have a status of “Not Yet Assessable” and are not included in the analysis.
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 ...

Note: 2 of 165 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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 ...
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 ...

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.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

TABLE 106: SUBSPECIALTY: Pediatric Infectious Diseases

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>60</td>
<td>68</td>
<td>56</td>
<td>184</td>
</tr>
</tbody>
</table>

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 ...

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Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**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

11. Practice-Based Learning and Improvement - PBL1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

12. Practice-Based Learning and Improvement - PBL2. 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.
13. Practice-Based Learning and Improvement - PBL3. Use information technology to optimize learning and care delivery

14. Practice-Based Learning and Improvement - PBL4. 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 ...
19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and...

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year

20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care...

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year

21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year
### TABLE 107: SUBSPECIALTY: Pediatric Nephrology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>62</td>
<td>42</td>
<td>30</td>
<td>134</td>
</tr>
</tbody>
</table>

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 ...

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SUBSPECIALTY: Pediatric Nephrology

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 ...

Note: 4 of 134 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

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.

11. Practice-Based Learning and Improvement - PBL1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

12. Practice-Based Learning and Improvement - PBL2. 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

14. Practice-Based Learning and Improvement - PBLI4. Participate in the education of patients, families, ...

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 ...

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 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...

TABLE 108: **SUBSPECIALTY: Pediatric Pulmonology**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>69</td>
<td>59</td>
<td>58</td>
<td>186</td>
</tr>
</tbody>
</table>

*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**

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: 4 of 177 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 1 of 177 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SUBSPECIALTY: Pediatric Pulmonology

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 ...

Note: 2 of 177 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

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions

Note: 3 of 177 residents have a status of "Not Yet Assessable" and are not included in the analysis.

11. Practice-Based Learning and Improvement - PBL1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

12. Practice-Based Learning and Improvement - PBL2. Systematically analyze practice using quality improvement methods, and ...
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Pediatric Pulmonology

13. Practice-Based Learning and Improvement - PBLI3. Use information technology to optimize learning and care delivery

Note: 1 of 177 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, ...

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 ...

Note: 1 of 177 residents have a status of "Not Yet Assessable" and are not included in the analysis.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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 ... 

21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals
**TABLE 109: SUBSPECIALTY: Pediatric Rheumatology**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>41</td>
<td>36</td>
<td>26</td>
<td>103</td>
</tr>
</tbody>
</table>

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 ...

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Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

10. Systems-Based Practice - SBP5. Participate in identifying system errors and implementing potential systems solutions

11. Practice-Based Learning and Improvement - PBL1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

12. Practice-Based Learning and Improvement - PBL2. 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 ...

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 ...

20. **Interpersonal and Communication Skills - ICS2.** Work effectively as a member or leader of a health care ...

21. **Interpersonal and Communication Skills - ICS3.** Act in a consultative role to other physicians and health professionals.
TABLE 110: SUBSPECIALTY: Pediatric Transplant Hepatology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

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 healthcare delivery settings and systems ...
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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 - PBL1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

12. Practice-Based Learning and Improvement - PBL2. Systematically analyze practice using quality improvement methods, and ...
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 ...

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...

20. Interpersonal and Communication Skills - ICS2. Work effectively as a member or leader of a health care...

TABLE 111: SUBSPECIALTY: **Sports Medicine (multidisciplinary, Pediatrics)**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
<th># of Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>28</td>
<td>28</td>
</tr>
</tbody>
</table>

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 ...

4. **Medical Knowledge - Science of Sports Medicine:** Including Anatomy, Physiology, Cellular Biology, Epidemiology ...

5. **Medical Knowledge - Medical Issues in Sports Medicine:** Medical Knowledge 2

6. **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)

8. 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 — ...
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Sports Medicine (multidisciplinary, Pediatrics)

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

14. Interpersonal and Communication Skills - Information Sharing, Gathering, and Technology — Interpersonal ...
TABLE 112: SPECIALTY: Physical Medicine and Rehabilitation

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>169</td>
<td>489</td>
<td>468</td>
<td>454</td>
<td>1,580</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Psychiatric History, Appropriate for Age and Impairment

![Box Plot](image1)

Note: 1 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

![Box Plot](image2)

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)

![Box Plot](image3)

Note: 2 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., ...)

![Box Plot](image4)

Note: 115 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, ...)

![Box Plot](image5)

Note: 106 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)

![Box Plot](image6)

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, ...  

![Box Plot 1](image1)

Note: 70 of 1,580 residents have a status of "Not Yet Assessable" and are not included in the analysis.

8. Patient Care - Patient Care 8: Rehabilitation Interventions  

![Box Plot 2](image2)

Note: 44 of 1,580 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Medical Knowledge - Medical Knowledge 1: Foundational Principles of Physiatric Practice (Anatomy, Pathophysiology, ...  

![Box Plot 3](image3)

Note: 10 of 1,580 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning  

![Box Plot 4](image4)

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

![Box Plot 5](image5)

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

![Box Plot 6](image6)
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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>26</td>
<td>26</td>
</tr>
</tbody>
</table>

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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>20</td>
<td>11</td>
<td>31</td>
</tr>
</tbody>
</table>

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 Patients
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**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: Psychiatric 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
TABLE 115: SUBSPECIALTY: **Spinal Cord Injury Medicine**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>23</td>
</tr>
<tr>
<td>2</td>
<td>23</td>
</tr>
</tbody>
</table>

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: 

- Level 5
- Level 4
- Level 3
- Level 2
- Level 1

Resident Year

8. Medical Knowledge - Medical Knowledge 3: Functional Outcomes and Interventions

- Level 5
- Level 4
- Level 3
- Level 2
- Level 1

Resident Year

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

- Level 5
- Level 4
- Level 3
- Level 2
- Level 1

Resident Year

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

- Level 5
- Level 4
- Level 3
- Level 2
- Level 1

Resident Year

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

- Level 5
- Level 4
- Level 3
- Level 2
- Level 1

Resident Year

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

- Level 5
- Level 4
- Level 3
- Level 2
- Level 1

Resident Year
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


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)**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>40</td>
</tr>
</tbody>
</table>

*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

![Graph 1](#)

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

![Graph 2](#)

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

![Graph 3](#)

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

![Graph 4](#)

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

![Graph 5](#)

6. **Medical Knowledge - Musculoskeletal Issues in Sports Medicine** — Medical Knowledge 3

![Graph 6](#)
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 ... 

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 — ...
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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>68</td>
<td>66</td>
<td>69</td>
<td>203</td>
</tr>
</tbody>
</table>

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

Note: 2 of 203 residents have a status of "Not Yet Rotated" and are not included in the analysis.
SPECIALTY: Plastic Surgery - Independent

7. Patient Care - Congenital Anomalies — Patient Care

8. Medical Knowledge - Congenital Anomalies — Medical Knowledge

Note: 4 of 203 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Patient Care - Head and Neck — Patient Care

10. Medical Knowledge - Head and Neck — Medical Knowledge

Note: 4 of 203 residents have a status of "Not Yet Rotated" and are not included in the analysis.

11. Patient Care - Maxillofacial Trauma — Patient Care

12. Medical Knowledge - Maxillofacial Trauma — Medical Knowledge

Note: 1 of 203 residents have a status of "Not Yet Rotated" and are not included in the analysis.
SPECIALTY: Plastic Surgery - Independent

13. Patient Care - Facial Aesthetics — Patient Care

14. Medical Knowledge - Facial Aesthetics — Medical Knowledge

Note: 5 of 203 residents have a status of "Not Yet Rotated" and are not included in the analysis.

15. Patient Care - Non-Cancer Breast Surgery — Patient Care

16. Medical Knowledge - Non-Cancer Breast Surgery — Medical Knowledge

17. Patient Care - Breast Reconstruction — Patient Care

18. Medical Knowledge - Breast Reconstruction — Medical Knowledge

Note: 4 of 203 residents have a status of "Not Yet Rotated" and are not included in the analysis.
SPECIALTY: Plastic Surgery - Independent

19. Patient Care - Reconstruction of the Trunk and Perineum — Patient Care

Note: 1 of 203 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: 1 of 203 residents have a status of "Not Yet Rotated" and are not included in the analysis.

21. Patient Care - Upper Extremity Trauma — Patient Care

Note: 3 of 203 residents have a status of "Not Yet Rotated" and are not included in the analysis.

22. Medical Knowledge - Upper Extremity Trauma — Medical Knowledge

Note: 3 of 203 residents have a status of "Not Yet Rotated" and are not included in the analysis.

23. Patient Care - Non-trauma Hand — Patient Care

Note: 3 of 203 residents have a status of "Not Yet Rotated" and are not included in the analysis.

24. Medical Knowledge - Non-trauma Hand — Medical Knowledge

Note: 3 of 203 residents have a status of "Not Yet Rotated" and are not included in the analysis.
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 core 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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>195</td>
<td>181</td>
<td>182</td>
<td>177</td>
<td>169</td>
<td>157</td>
<td>1,061</td>
</tr>
</tbody>
</table>

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

Note: 38 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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

8. Medical Knowledge - Congenital Anomalies — Medical Knowledge

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

10. Medical Knowledge - Head and Neck — Medical Knowledge

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

12. Medical Knowledge - Maxillofacial Trauma — Medical Knowledge

Note: 56 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.

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.

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.

16. 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.

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.

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.

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.

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.

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.

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.

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

Note: 143 of 1,061 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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.

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.

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.

29. Systems-Based Practice - Patient Safety — Systems-Based Practice

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 core 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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>25</td>
<td>25</td>
</tr>
</tbody>
</table>

*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
TABLE 120: SPECIALTY: Preventive Medicine - Aerospace Medicine

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>24</td>
<td>24</td>
<td>48</td>
</tr>
</tbody>
</table>

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

Note: 6 of 48 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SPECIALTY: Preventive Medicine - Aerospace Medicine

7. Medical Knowledge - Medical Knowledge 1: Biostatistics 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>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>66</td>
<td>48</td>
<td>114</td>
</tr>
</tbody>
</table>

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

Note: 1 of 114 residents have a status of "Not Yet Assessable" and are not included in the analysis.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SPECIALTY: Preventive Medicine - Occupational Medicine

7. Medical Knowledge - Medical Knowledge 1: Hazard Recognition and Management

8. 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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>98</td>
<td>77</td>
<td>175</td>
</tr>
</tbody>
</table>

1. Patient Care - Emergency Preparedness and Response: Apply skills in Emergency Preparedness and Response - Patient Care 1

2. Patient Care - Community Health: Monitor, diagnose, and investigate community health problems - Patient Care 2

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.

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.

5. Patient Care - Evaluating Health Services: Evaluate population-based health services - Patient Care 5

6. Patient Care - Descriptive Epidemiology: Able to characterize the health of a community - Patient Care 6

Note: 5 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

7. Patient Care - Analytic Epidemiology: Able to design and conduct an epidemiologic study - Patient Care 7

8. Patient Care - Disease Outbreak: Investigate and respond to a cluster or outbreak - Patient Care 8

Note: 3 of 175 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Patient Care - Surveillance Systems: Design and operate a surveillance system - Patient Care 9

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.

11. Patient Care - Conditions of Public Health Significance: Implement appropriate clinical care for individuals ...

12. Patient Care - Preventive Services: Select and provide appropriate evidence-based clinical preventive ...

Note: 1 of 175 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 2 of 175 residents have a status of "Not Yet Rotated" and are not included in the analysis.
13. Medical Knowledge - Behavioral Health - Medical Knowledge 1

14. Medical Knowledge - Environmental Health - Medical Knowledge 2

Note: 2 of 175 residents have a status of "Not Yet Rotated" and are not included in the analysis.

15. Medical Knowledge - Biostatistics - Medical Knowledge 3

Note: 5 of 175 residents have a status of "Not Yet Rotated" and are not included in the analysis.

16. Systems-Based Practice - Work and coordinate patient care effectively in various health care delivery...

17. Systems-Based Practice - Incorporate considerations of cost awareness and risk-benefit analysis in patient...

18. Systems-Based Practice - Work in interprofessional teams to enhance patient safety and improve patient...
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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, ...
TABLE 123: SPECIALTY: Psychiatry

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>2,064</td>
<td>2,022</td>
<td>1,910</td>
<td>1,374</td>
<td>7,370</td>
</tr>
</tbody>
</table>

*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 ...

2. Patient Care - Patient Care 2: Psychiatric Formulation and Differential Diagnosis A: Organizes and summarizes ...

Note: 11 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 ...

4. Patient Care - Patient Care 4: Psychotherapy A: Establishes therapeutic alliance and manages boundaries ...

Note: 12 of 7,369 residents have a status of "Not Yet Assessable" and are not included in the analysis.

5. Patient Care - Patient Care 5: Somatic Therapies (including Psychopharmacology and Neurostimulation ...

6. Patient Care - Patient Care 6: Clinical Consultation

Note: 14 of 7,369 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 82 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 ...

8. Medical Knowledge - Medical Knowledge 2: Psychopathology (includes Knowledge of Diagnostic Criteria, ...

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 ...

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

Note: 80 of 7,369 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SPECIALTY: Psychiatry

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

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


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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>182</td>
<td>182</td>
</tr>
</tbody>
</table>

1. Patient Care - 1: Screening, Evaluation, Differential Diagnosis, and Case Formulation of the Patient with or at Risk of ...

2. Patient Care - 2: Pharmacologic and Non-Pharmacologic Treatment for Substance Use and Addictive Disorders

3. Medical Knowledge - 1: Neuroscience of Substance Use and Addictive Disorders

4. Medical Knowledge - 2: Epidemiology and Clinical Presentation of Substance Use and Addictive Disorders

5. Medical Knowledge - 3: Treatment Modalities and Interventions in Diverse Patient Populations

6. Systems-Based Practice - 1: Patient Safety and Quality Improvement in Addiction Medicine

Note: 1 of 182 residents have a status of "Not Yet Assessable" and are not included in the analysis.
**SUBSPECIALTY:** Addiction Medicine (multidisciplinary, Psychiatry)

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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>87</td>
<td>87</td>
</tr>
</tbody>
</table>

1. Patient Care - PC1 — Evaluation and diagnosis of the patient A. Thorough evaluation of the patient ...

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 ...

4. 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 ...
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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 - PBL1 — Development and execution of lifelong learning through ...

12. Practice-Based Learning and Improvement - PBL2 — 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 ...

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**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>512</td>
<td>451</td>
<td>963</td>
</tr>
</tbody>
</table>

*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 ...
**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 ...

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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th># of Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>93</td>
<td>93</td>
</tr>
</tbody>
</table>

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 Ill: assessment ...

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 ...
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: SUSBPECIALTY: Forensic Psychiatry

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>91</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>91</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 ...

4. 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 ...

6. Systems-Based Practice - SBP2 — Resource Management Costs of care and resource management
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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 ...
SUBSPECIALTY: **Forensic Psychiatry**

13. Interpersonal and Communication Skills - ICS2 — Information Sharing and Record Keeping A. Accurate and ...
TABLE 128: SUBSPECIALTY: Geriatric Psychiatry

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>59</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>59</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 ...

8. 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 ...

11. Practice-Based Learning and Improvement - PBL1 - Development and Execution of Lifelong Learning through ...

12. Practice-Based Learning and Improvement - PBL2 - 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 ...

16. **Interpersonal and Communication Skills - ICS2** - Information Sharing and Record Keeping A. Accurate and ...
TABLE 130: SPECIALTY: Radiation Oncology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>186</td>
<td>197</td>
<td>186</td>
<td>194</td>
<td>763</td>
</tr>
</tbody>
</table>

1. Patient Care - Lymphoma — Patient Care

2. Patient Care - Head and Neck — Patient Care

3. Patient Care - Genitourinary (GU) — Patient Care

4. Patient Care - Palliation — Patient Care

5. Patient Care - Breast — Patient Care

6. Patient Care - Gastrointestinal (GI) — Patient Care

Note: 105 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 87 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 21 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 7 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 37 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 67 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.
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.

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.

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.

8. Patient Care - Lung — Patient Care

Note: 48 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.

12. Medical Knowledge - Medical Physics — Medical Knowledge

Note: 6 of 763 residents have a status of "Not Yet Rotated" and are not 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 ...

Note: 9 of 763 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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, ...

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19. Professionalism - Compassion, integrity, and respect for others, as well as sensitivity and responsiveness ...

20. Professionalism - Accountability to patients, society, and the profession; personal responsibility for ...

21. Interpersonal and Communication Skills - Effective communication with patients, families, and the public ...

22. Interpersonal and Communication Skills - Effective member or leader of a health care team or other professional ...
TABLE 131: SPECIALTY: Diagnostic Radiology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>1,135</td>
<td>1,123</td>
<td>1,102</td>
<td>1,073</td>
<td>4,433</td>
</tr>
</tbody>
</table>

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

Note: 8 of 4,433 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 6 of 4,433 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SPECIALTY: Diagnostic Radiology


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


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

4. 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

8. 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 ...
13. Interpersonal and Communication Skills - Effective communication with members of the health care team ...

Resident Year
TABLE 133: SUBSPECIALTY: Musculoskeletal Radiology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>39</td>
<td>39</td>
</tr>
</tbody>
</table>

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

4. 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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Musculoskeletal Radiology

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


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: SPECIALTY: Neuroradiology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>296</td>
<td>296</td>
</tr>
</tbody>
</table>

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

Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>14</td>
<td>14</td>
</tr>
</tbody>
</table>

1. **Patient Care - Patient Care 1: Diagnostic Non-Cardiac Examinations**

![Box Plot for Patient Care 1](image1)

2. **Patient Care - Patient Care 2: Diagnostic Cardiac Examinations**

![Box Plot for Patient Care 2](image2)

3. **Patient Care - Patient Care 3: Radiopharmaceutical Therapies: Oral 131-I Nal and Parenteral**

![Box Plot for Patient Care 3](image3)

4. **Medical Knowledge - Medical Knowledge 1: Physics and Instrumentation**

![Box Plot for Medical Knowledge 1](image4)

5. **Medical Knowledge - Medical Knowledge 2: Radiopharmaceuticals and Pharmaceuticals**

![Box Plot for Medical Knowledge 2](image5)

6. **Medical Knowledge - Medical Knowledge 3: Molecular Imaging and Radiotheranostics**

![Box Plot for Medical Knowledge 3](image6)
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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>53</td>
<td>53</td>
</tr>
</tbody>
</table>

*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

4. 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

9. Practice-Based Learning and Improvement - Self-directed learning — Practice-Based Learning and Improvement 1

10. 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 ...
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Pediatric Radiology

13. Interpersonal and Communication Skills - Effective Communication with Members of the Health Care Team

TABLE 137: SPECIALTY: Interventional Radiology - Independent

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>127</td>
<td>80</td>
<td>207</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Reporting

2. Patient Care - Patient Care 2: Imaging Consultation

Note: 1 of 207 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

6. Medical Knowledge - Medical Knowledge 1: Pathophysiology and Treatment

Note: 1 of 207 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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
TABLE 138: SPECIALTY: Interventional Radiology - Integrated

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>148</td>
<td>153</td>
<td>132</td>
<td>133</td>
<td>84</td>
<td>650</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Reporting

Note: 11 of 650 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 2 of 650 residents have a status of "Not Yet Assessable" and are not included in the analysis.

6. Patient Care - Patient Care 6: Post-Procedural Patient Care

Note: 11 of 650 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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

12. Medical Knowledge - Medical Knowledge 6: Pharmacology

Note: 1 of 650 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 9 of 650 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 10 of 650 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 11 of 650 residents have a status of "Not Yet Assessable" and are 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
31. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems
TABLE 139: SPECIALTY: Surgery

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>2,860</td>
<td>1,832</td>
<td>1,631</td>
<td>1,533</td>
<td>1,477</td>
<td>9,333</td>
</tr>
</tbody>
</table>

*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

   ![Box Plot of Resident Year vs. Level 1 to 5 for Patient Care 1]

   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

   ![Box Plot of Resident Year vs. Level 1 to 5 for Patient Care 2]

   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

   ![Box Plot of Resident Year vs. Level 1 to 5 for Patient Care 3]

   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

   ![Box Plot of Resident Year vs. Level 1 to 5 for Patient Care 4]

   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

   ![Box Plot of Resident Year vs. Level 1 to 5 for Medical Knowledge 1]

   Note: 2 of 9,329 residents have a status of "Not Yet Rotated" and are not included in the analysis.

6. Medical Knowledge - Medical Knowledge 2: Anatomy

   ![Box Plot of Resident Year vs. Level 1 to 5 for Medical Knowledge 2]

   Note: 8 of 9,329 residents have a status of "Not Yet Rotated" and are not 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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>62</td>
<td>62</td>
<td>124</td>
</tr>
</tbody>
</table>

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

Note: 1 of 124 residents have a status of "Not Yet Rotated" and are not included in the analysis.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**SUBSPECIALTY:** Complex General Surgical Oncology

7. Patient Care - Patient Care 7: Post-Operative Oncologic Management

8. Medical Knowledge - Medical Knowledge 1: Anatomy

Note: 1 of 124 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Medical Knowledge - Medical Knowledge 2: Cancer Biology

10. Medical Knowledge - Medical Knowledge 3: Therapeutics

Note: 1 of 124 residents have a status of "Not Yet Assessable" and are not included in the analysis.

11. Medical Knowledge - Medical Knowledge 4: Clinical Trials

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

Note: 1 of 124 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>47</td>
<td>39</td>
<td>86</td>
</tr>
</tbody>
</table>

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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Pediatric Surgery

13. Systems-Based Practice - Patient Safety — Systems-Based Practice

14. Systems-Based Practice - Systems-based Documentation — Systems-Based Practice

15. Practice-Based Learning and Improvement - Evidence-based Medicine — Practice-Based Learning and Improvement

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

17. Professionalism - Integrity — Professionalism

18. Professionalism - Recognition of Limits — Professionalism
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>337</td>
<td>337</td>
</tr>
</tbody>
</table>

*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 Ill Patients

5. Patient Care - Patient Care 5: Trauma and Thermal Injury

6. Patient Care - Patient Care 6: Cardiovascular Disorders of Critically Ill Patients

Note: 3 of 336 residents have a status of "Not Yet Assessable" and are not included in the analysis.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**SUBSPECIALTY:** Surgical Critical Care

7. Patient Care - Patient Care 7: Neurologic Disorders of Critically Ill Patients

8. Patient Care - Patient Care 8: Gastrointestinal (GI) Disorders of Critically Ill Patients

9. Patient Care - Patient Care 9: Infectious Diseases of Critically Ill 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

25. Interpersonal and Communication Skills - Interpersonal and Communication Skills 3: Communication within Health Care Systems
### TABLE 143: SUBSPECIALTY: Vascular Surgery - Independent

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>138</td>
<td>129</td>
<td>267</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Patient Data

![Box plot for Patient Care 1]

2. Patient Care - Patient Care 2: Medical Management of Vascular Disease

![Box plot for Patient Care 2]

Note: 2 of 267 residents have a status of "Not Yet Assessable" and are not included in the analysis.

3. Patient Care - Patient Care 3: Peri-Operative Care

![Box plot for Patient Care 3]

4. Patient Care - Patient Care 4: Longitudinal Care (e.g., Outpatient Management, Screening, Surveillance)

![Box plot for Patient Care 4]

5. Patient Care - Patient Care 5: Procedural Preparation

![Box plot for Patient Care 5]

6. Patient Care - Patient Care 6: Technical Skills – Open Surgical Skills

![Box plot for Patient Care 6]
SUBSPECIALTY: Vascular Surgery - Independent

7. Patient Care - Patient Care 7: Technical Skills - Endovascular

8. Patient Care - Patient Care 8: Vascular Imaging (e.g., Computed Tomography [CT], Magnetic Resonance [MR], Angiography, Ultrasonography)

Note: 1 of 267 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Medical Knowledge - Medical Knowledge 1: Procedural Rationale (Open Surgical Procedures)

10. Medical Knowledge - Medical Knowledge 2: Procedural Rationale (Endovascular Interventions)

11. Medical Knowledge - Medical Knowledge 3: Procedural Understanding, including Anatomy (Open Surgical Procedures)

12. Medical Knowledge - Medical Knowledge 4: Procedural Understanding, including Anatomy (Endovascular Procedures)
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Vascular Surgery - Independent


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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Vascular Surgery - Independent

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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>81</td>
<td>81</td>
<td>71</td>
<td>66</td>
<td>64</td>
<td>363</td>
</tr>
</tbody>
</table>

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

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

Note: 1 of 363 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SPECIALTY: Vascular Surgery - Integrated

7. Patient Care - Patient Care 7: Technical Skills – Endovascular

8. Patient Care - Patient Care 8: Vascular Imaging (e.g., Computed Tomography [CT], Magnetic Resonance [MR], Angiography, Ultrasonography)

9. Medical Knowledge - Medical Knowledge 1: Procedural Rationale (Open Surgical Procedures)

10. Medical Knowledge - Medical Knowledge 2: Procedural Rationale (Endovascular Interventions)

11. Medical Knowledge - Medical Knowledge 3: Procedural Understanding, including Anatomy (Open Surgical Procedures)

12. Medical Knowledge - Medical Knowledge 4: Procedural Understanding, including Anatomy (Endovascular Procedures)

Note: 6 of 363 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 2 of 363 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 2 of 363 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 3 of 363 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SPECIALTY: Vascular Surgery - Integrated


Note: 5 of 363 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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


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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>78</td>
<td>73</td>
<td>151</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Ischemic Heart Disease

2. Patient Care - Patient Care 2: Mechanical Circulatory Support

3. Patient Care - Patient Care 3: Valvular Disease

4. Patient Care - Patient Care 4: Great Vessel Disease

5. Patient Care - Patient Care 5: Esophagus

6. Patient Care - Patient Care 6: Lung and Airway

Note: 4 of 151 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 1 of 151 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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**

8. **Patient Care - Patient Care 8: Critical Care**

9. **Medical Knowledge - Medical Knowledge 1: Cardiovascular Surgical Knowledge**

10. **Medical Knowledge - Medical Knowledge 2: General Thoracic Surgical Knowledge**

11. **Medical Knowledge - Medical Knowledge 3: Congenital Heart Disease**

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

Note: 2 of 151 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 3 of 151 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 12 of 151 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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


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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>34</td>
<td>35</td>
<td>31</td>
<td>100</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Ischemic Heart Disease

2. Patient Care - Patient Care 2: Mechanical Circulatory Support

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

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.

5. Patient Care - Patient Care 5: Esophagus

6. Patient Care - Patient Care 6: Lung and Airway

Note: 4 of 100 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

8. Patient Care - Patient Care 8: Critical Care

9. Medical Knowledge - Medical Knowledge 1: Cardiovascular Surgical Knowledge

10. Medical Knowledge - Medical Knowledge 2: General Thoracic Surgical Knowledge

11. Medical Knowledge - Medical Knowledge 3: Congenital Heart Disease

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

Note: 4 of 100 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 1 of 100 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 3 of 100 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 16 of 100 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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


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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>47</td>
<td>41</td>
<td>43</td>
<td>36</td>
<td>32</td>
<td>32</td>
<td>231</td>
</tr>
</tbody>
</table>

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.

2. Patient Care - Patient Care 2: Mechanical Circulatory Support

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.

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.

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.

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

8. Patient Care - Patient Care 8: Critical Care

Note: 2 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Patient Care - Patient Care 9: Technical Skills for General Surgery

10. Medical Knowledge - Medical Knowledge 1: Cardiovascular Surgical Knowledge

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

12. Medical Knowledge - Medical Knowledge 3: Congenital Heart Disease

Note: 1 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 44 of 231 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>13</td>
</tr>
</tbody>
</table>

*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

4. 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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>1,780</td>
<td>1,780</td>
</tr>
</tbody>
</table>

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

Note: 1 of 1,780 residents have a status of "Not Yet Assessable" and are not included in the analysis.
7. Medical Knowledge - 1: Clinical Reasoning

8. Medical Knowledge - 2: Procedural Knowledge and Informed Consent

Note: 30 of 1,780 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

![Box Plot Diagram](image)
TABLE 149: SPECIALTY: Urology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>373</td>
<td>370</td>
<td>366</td>
<td>348</td>
<td>334</td>
<td>1,791</td>
</tr>
</tbody>
</table>

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.

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.

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.

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.

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.

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

8. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

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

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

Note: 2 of 1,791 residents have a status of "Not Yet Assessable" and are not included in the analysis.
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 ...
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)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>15</td>
<td>15</td>
<td>7</td>
<td>37</td>
</tr>
</tbody>
</table>

1. Patient Care - General Pelvic Floor Evaluation — Patient Care

2. 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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

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
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

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

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, 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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>18</td>
<td>11</td>
<td>29</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1: Patient Evaluation and Decision Making

2. Patient Care - Patient Care 2: Peri-Procedural Care

Note: 5 of 29 residents have a status of "Not Yet Assessable" and are not included in the analysis.

3. Patient Care - Patient Care 3: Endoscopic Procedures

4. Patient Care - Patient Care 4: Open Procedures – Abdominal and Retroperitoneal

Note: 7 of 29 residents have a status of "Not Yet Assessable" and are not included in the analysis.

5. Patient Care - Patient Care 5: Genital Reconstruction

6. Patient Care - Patient Care 6: Minimally Invasive Procedures (Laparoscopic and Robotic)

Note: 7 of 29 residents have a status of "Not Yet Assessable" and are not included in the analysis.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SUBSPECIALTY: Pediatric Urology

7. Medical Knowledge - Medical Knowledge 1: Clinical Medical Knowledge

Note: 3 of 29 residents have a status of "Not Yet Assessable" and are not included in the analysis.

8. Medical Knowledge - Medical Knowledge 2: Clinical Reasoning

Note: 5 of 29 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Medical Knowledge - Medical Knowledge 3: Complex Care in Medical Management

Note: 6 of 29 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 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: 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

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>390</td>
<td>389</td>
<td>377</td>
<td>378</td>
<td>1,534</td>
</tr>
</tbody>
</table>

**Internal Medicine**

1. Patient Care - Patient Care 1: History

```
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
```

2. Patient Care - Patient Care 2: Physical Examination

```
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
```

Note: 5 of 1,534 residents have a status of "Not Yet Assessable" and are not included in the analysis.

3. Patient Care - Patient Care 3: Clinical Reasoning

```
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
```

Note: 1 of 1,534 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

```
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
```

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

```
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
```

Note: 21 of 1,534 residents have a status of "Not Yet Assessable" and are not included in the analysis.

6. Patient Care - Patient Care 6: Digital Health

```
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
   Level 6  Level 5   Level 4  Level 3  Level 2  Level 1
```

Note: 24 of 1,534 residents have a status of "Not Yet Assessable" and are not included in the analysis.
SPECIALTY: Internal Medicine - Pediatrics

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

8. Medical Knowledge - Medical Knowledge 2: Therapeutic Knowledge

Note: 5 of 1,534 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

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

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

12. Systems-Based Practice - Systems-Based Practice 3: Physician Role in Health Care Systems
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

**SPECIALTY: Internal Medicine - Pediatrics**

### Internal Medicine

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

![Box Plot](image)

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

![Box Plot](image)

15. Professionalism - Professionalism 1: Professional Behavior

![Box Plot](image)

16. Professionalism - Professionalism 2: Ethical Principles

![Box Plot](image)

17. Professionalism - Professionalism 3: Accountability/Conscientiousness

![Box Plot](image)

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

![Box Plot](image)
SPECIALTY: **Internal Medicine - Pediatrics**

**Internal Medicine**


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

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

7. Medical Knowledge - Medical Knowledge 2: Diagnostic Evaluation

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

Note: 27 of 1,534 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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: Internal Medicine - 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 Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2021-2022

SPECIALTY: Internal Medicine - Pediatrics

**Pediatrics**

19. Professionalism - Professionalism 4: Well-Being


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