EXECUTIVE SUMMARY

The ACGME’s mission to improve health care and population health, is achieved together with program directors and other key stakeholders by advancing the quality of resident physicians’ education and monitoring that quality through accreditation. Since 2012, the Milestones have been identified as a key component of this process, as they allow for continuous tracking of skills development and competency of resident and fellow physicians throughout their graduate medical education (GME).

The ACGME has been collecting Milestones data on all resident and fellow physicians since 2013. This report is a snapshot of Milestones ratings for the academic year July 2017-June 2018.

General Summary of Findings

1) Across all specialties, the central tendency (i.e., mean rating) of the data show general attainment of the Milestones across years in program.

2) There is also variation in attainment of the Milestones across residents/fellows and programs, which needs to be investigated further.

A number of research studies of Milestones data and their impact are currently ongoing and have been published. A Milestones Bibliography is posted on the ACGME website to track these studies, and is updated regularly. Milestones staff members will continue to work with program directors and other key stakeholders to determine the best use of Milestones data to improve curriculum and assessment processes.

The Milestones section of the ACGME website contains many more resources to help understand the purpose and effective use of Milestone ratings. These include the Milestones Guidebook, Milestones FAQs, and the Clinical Competency Committee Guidebook, as well as a new Milestones Guidebook for Residents and Fellows. (See https://www.acgme.org/What-We-Do/Accreditation/Milestones/Overview)

How to Use this Report

National-level data are presented within each specialty, with an indication of variance among residents/fellows within that specialty. Program directors should be able to compare their individual program’s data with the national trends presented here.

Intended Audience

The intended audience for this report includes program directors, leaders within specialty societies who oversee the development of national curricula, Review Committees that oversee accreditation of individual programs, and the residents and fellows within 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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BACKGROUND

The ACGME Milestones are intended to be used as a tool to better prepare physicians for a changing health care system by emphasizing a focus on the competencies of residents and fellows and ensuring they match patients’ needs in a variety of critical ways.1-3

The Milestones allow for continuous monitoring and quality improvement for GME. Individual programs can focus on making improvements 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 for individual residents and fellows is part of the ACGME’s commitment to meet the responsibility of professional self-regulation,4-6 and the expectations for quality and safety from its primary stakeholder, the public. While the Milestones data allow for tracking of educational achievement at the individual level, the primary goal of the ACGME continues to be accreditation of institutions and residency and fellowship programs. The collection of individual residents’ and fellows’ Milestones data will only be used in aggregate form by the ACGME to address this goal. 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 maintaining the public trust.

Using Milestones Data to Provide Useful Feedback to Programs

The spirit of the ACGME’s accreditation model implies an educational 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 will provide the 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 IHI Triple Aim. In essence, the field 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.7 The process of creating these detailed developmental markers of progression involved over 916 subject matter experts from 250 institutions. The Milestones Working Groups included members of the ACGME Review Committees, representatives from the ABMS member certification boards, program directors, residents and fellows, and representatives from specialty societies. These subject matter experts were guided by Advisory Groups from the ACGME, as well as a survey of program directors on content. The Milestones were written to cover the six Core Competencies, and resulted in an average of 24 subcompetencies per specialty (range 10-43), with training periods that range from single-year fellowships to residency programs lasting seven years.
To make sense of such a large and complex dataset, program directors and specialty societies are encouraged to assist in constructing the most meaningful interpretation of these data in the context of continuously improving GME. Without the rich contextual knowledge offered by these stakeholders, the ACGME can only speculate and offer generalized interpretations based on theory or insights from other areas of application. It would be most helpful if program directors considered in detail what might explain the observed patterns in the dataset, and share this with their wider community, including other program directors, leaders in their specialty society, and the ACGME Milestones team, in order to ensure the data are interpreted properly and ultimately fulfill their potential to improve GME.

HOW TO USE THESE FINDINGS

Two particularly important items to highlight in this Milestones Report relate to guiding changes in curriculum and the development of better assessment methods. As can be seen in the dataset, there are Competency areas where the range of Milestones attainment is wide. This variation is likely due to variation in curriculum and effective assessment. This should be viewed as welcome news, as it is an early signal the Milestones data are providing useful information to drive CQI in GME.

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<th>CONSTITUENCY OR STAKEHOLDER</th>
<th>PURPOSE/FUNCTION</th>
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| Residents and Fellows             | • Provide a descriptive roadmap for GME  
• Increase transparency of performance requirements  
• Encourage informed self-assessment and self-directed learning  
• Facilitate better feedback |
| Residency and Fellowship Programs | • Guide curriculum and assessment tool development  
• Provide meaningful framework for the Clinical Competency Committee (CCC) (e.g., help create shared mental model)  
• Provide more explicit expectations of residents and fellows  
• Enhance opportunity for early identification of under-performers |
| ACGME and the Public              | • Public Accountability – report at an aggregated national level on competency outcomes  
• Build community for evaluation and research, with focus on continuous quality improvement |
| Certification Boards              | • Enable ongoing research to improve certification processes |
METHODS

Every six months, the ACGME receives over 3.2 million data points based on performance assessments of over 130,000 learners from residency and fellowship programs in over 170 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:

1) Generally, across all specialties and all programs, the Milestones data show attainment of Milestones across years in program.

2) Not all residents/fellows reach Level 4 in all Competencies by graduation.

3) Each specialty shows variation in attainment of the Milestones, which needs to be investigated further.

Early research suggests the following possible reasons for this:

1) meaningful differences in actual performance;

2) differences in the complexity of the Milestones Competency language as originally written for a particular specialty;

3) differences in clinical exposure of some residents in some programs;

4) variation in scoring by raters;

5) differences in the quality of assessment rating forms; or,

6) differences in the types of assessment methods used to show attainment of the Milestones.

Of course, many other factors may be at play, and these are the subject of intensive, ongoing research. Until this research is mature, the data should only be reported in the context of interpretive statements and assumptions that are relevant to the particular stakeholder group, (i.e., DIOs, program directors, residents/fellows, the public). In communicating the results of Milestones analysis, there must be full awareness of the consequences of the analysis and communication, which implies diligence in providing context and guidance for interpretation when presenting these results.8-9

Further insights gained from numerous presentations, focus groups, and interactions with key stakeholders across the country include:

GENERAL RECOMMENDATIONS

• It is best not to use the entire Milestones Set as assessment tools for residents/fellows on short rotations or clinical experiences (e.g., six weeks or less).

• It is generally better to have a comprehensive “system” (program) of assessment rather than an ad hoc collection of disparate assessment tools.

• It appears to be most effective if residents/fellows are engaged in the collection of their performance data (i.e., self-directed assessment seeking) so they can more readily respond to areas for improvement.

• The process needs to be reasonable and easy to do.
• There needs to be further development in demonstrating exactly how to achieve certain milestones.

• There is a desire for improved assessment tools for skills related to Interpersonal and Communication Skills, Professionalism, Systems-based Practice, and Practice-based Learning and Improvement.

• In-person feedback and development of individualized learning plans is essential for Milestones effectiveness.

**EARLY BENEFITS REPORTED**

• There were many reports of more structured programmatic assessment now in GME programs, highlighting a more comprehensive approach to monitoring residents'/fellows’ progression throughout their education and training.

• Many programs reported that it is now much easier to identify residents who are struggling early in the educational program, and to refocus efforts and resources to help them achieve the goals of the program.

• Many residents/fellows reported receiving more comprehensive and structured feedback.

• Milestones more easily highlight specific gaps in education.

• Both residents/fellows and faculty members are more comfortable with the narrative aspect of the Milestones vs. the “numbers.”

**EARLY CHALLENGES REPORTED**

• The process can make extra work for some programs.

• The Milestones as written often do not reflect the underlying Competencies as well as they could.

• In some cases, the language regarding progression between levels creates some confusion about where exactly to make a rating on the ACGME Milestones Evaluation Form.

• In some cases, there are too many subcompetencies, which don’t seem to add much to the assessment process.

• Some Milestones Sets are either too dense or contain educational jargon.

**Straight-Lining Ratings**

Straight-lining ratings are defined as a string of identical Milestones ratings for a learner across all subcompetencies within that specialty. In the original vision of the ACGME’s Next Accreditation System model, it was assumed that performance across subcompetencies would likely vary due to contextual factors, curricular design, and variability among learner abilities, according to the content of each subcompetency. For example, a learner wouldn’t necessarily be expected to have exactly the same Milestones ratings for 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.

Certainly, it may be appropriate for an individual learner to be assigned identical Milestones 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 what might be expected, and these rates are presented in Table 3.
The rate of straight-lining was calculated as follows: if any resident's string of Milestones ratings are identical across all subcompetencies, the resident is assigned a value of “1;” otherwise, “0.”

Table 3 shows the percent of residents with straight-lining ratings by year in residency. For example, there are 151 first-year residents in June 2018 Milestones data for the allergy and immunology specialty. Of these, 17 residents’ assessments show the straight-lining rating patterns. Therefore, 11.3% (17/151) of the first-year residents in the specialty were given identical Milestones ratings across all 10 subcompetencies for that specialty.

**Interpretation:** What should be determined is whether this straight-lining effect represents true lack of variation in competence, or if CCCs are simply providing similar ratings across Competencies 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. These issues will be the subject of ongoing qualitative studies with collaborators from various specialties.

**FUTURE DIRECTIONS**

In conclusion, 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 information received to date, a system-wide project has been implemented to revise the Milestones language to make it easier for program directors to understand and implement locally, as well as to examine areas in which the Milestones language can be harmonized across specialties, especially in the Competencies of Professionalism, Interpersonal and Communication Skills, Systems-based Practice, and Practice-based Learning and Improvement (dubbed “Milestones 2.0”). This revision process is underway, with a small number of specialties already having completed the task. The current completion target date for all 153 specialties is 2022.

In addition to work on Milestones 2.0, several projects have been initiated by the Milestones team, as well as collaboratively with academic colleagues, to investigate the following specific areas:

1) predictive validity of Milestones ratings vs. Board scores (and other clinically-relevant performance data) in various specialties

2) CCC processes to examine best practices to maximize validity of the Milestones ratings reported to the ACGME

The Milestones Bibliography on the ACGME website is updated approximately every six months. The current iteration lists abstracts from 115 peer-reviewed published studies dating from 2012.

This work is ongoing and will continue to appear in the peer-reviewed literature to help build a stronger evidence base for the ability of this accreditation model to meet the larger vision outlined in the Introduction above. Finally, every member of the GME community should engage in research and debate regarding the potential for Milestones data to effect meaningful change in GME.
Limitations

While the interpretations and conclusions that could be drawn from the data presented in this report are based on a single point in time (i.e., June 2018), 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 who attended the feedback sessions at the ACGME Annual Educational Conference for their valuable insights, as well as the various stakeholder groups to whom preliminary versions of these results have been presented over the past year.

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REFERENCES


### Table 1 – Number of Subcompetencies by Specialty

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Note:

- **PC** - Patient Care
- **MK** - Medical Knowledge
- **SBP** - Systems-based Practice
- **PBLI** - Practice-based Learning and Improvement
- **PROF** - Professionalism
- **ICS** - Interpersonal and Communication Skills
### Table 2 – Number of Residents by Year in Program

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### Number of Residents – June 2018

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<tr>
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<tr>
<td>- Endocrinology, diabetes, and metabolism (647)</td>
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<td>- Gastroenterology (1664)</td>
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<td>- Hematology and medical oncology (1751)</td>
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<tr>
<td>Pathology – Anatomic and Clinical (2345)</td>
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<tr>
<td>Specialty/Subspecialty Name (total number of residents)</td>
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<td>Yr 1</td>
<td>Yr 2</td>
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<td>Yr 4</td>
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<tr>
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<tr>
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<td>8.3%</td>
<td>15.2%</td>
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<tr>
<td>Hand surgery (23)</td>
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<td>Preventive Medicine – Public Health and General Preventive Medicine (182)</td>
<td>23</td>
<td>0.0%</td>
<td>0.0%</td>
<td></td>
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<tr>
<td>Psychiatry (5950)</td>
<td>22</td>
<td>9.0%</td>
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<td>7.2%</td>
<td>10.4%</td>
<td></td>
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</tr>
<tr>
<td>Child and adolescent psychiatry (886)</td>
<td>21</td>
<td>2.4%</td>
<td>5.1%</td>
<td></td>
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<td></td>
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<tr>
<td>Forensic psychiatry (81)</td>
<td>13</td>
<td>9.9%</td>
<td></td>
<td></td>
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<tr>
<td>Geriatric psychiatry (53)</td>
<td>16</td>
<td>17.0%</td>
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<tr>
<td>Consultation-liaison psychiatry (88)</td>
<td>15</td>
<td>5.7%</td>
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</tr>
<tr>
<td>Radiation Oncology (770)</td>
<td>22</td>
<td>7.7%</td>
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<td>27.4%</td>
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<tr>
<td>Radiology – Diagnostic (4769)</td>
<td>12</td>
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<td>18.8%</td>
<td>33.0%</td>
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<tr>
<td>Abdominal radiology (45)</td>
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</tr>
<tr>
<td>Musculoskeletal radiology (32)</td>
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<td>17.2%</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specialty/Subspecialty Name (total number of residents)</td>
<td>Number of Subcompetencies</td>
<td>Yr 1</td>
<td>Yr 2</td>
<td>Yr 3</td>
<td>Yr 4</td>
<td>Yr 5</td>
<td>Yr 6</td>
<td>Yr 7</td>
</tr>
<tr>
<td>-------------------------------------------------------</td>
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<tr>
<td>Neuroradiology (280)</td>
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<td>21.1%</td>
</tr>
<tr>
<td>Pediatric radiology (55)</td>
<td>14</td>
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<td>3.6%</td>
</tr>
<tr>
<td>Vascular and interventional radiology (294)</td>
<td>14</td>
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<td></td>
<td>19.7%</td>
</tr>
<tr>
<td>Interventional Radiology – Integrated (62)</td>
<td>20</td>
<td>18.2%</td>
<td>0.0%</td>
<td>0.0%</td>
<td>6.7%</td>
<td>0.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surgery (8499)</td>
<td>16</td>
<td>23.3%</td>
<td>15.9%</td>
<td>14.2%</td>
<td>16.8%</td>
<td>38.9%</td>
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</tr>
<tr>
<td>Complex general surgical oncology (107)</td>
<td>23</td>
<td>11.1%</td>
<td>17.0%</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Pediatric surgery (81)</td>
<td>22</td>
<td>0.0%</td>
<td>2.7%</td>
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</tr>
<tr>
<td>Surgical critical care (282)</td>
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<td>17.6%</td>
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</tr>
<tr>
<td>Vascular surgery (247)</td>
<td>31</td>
<td>0.8%</td>
<td>5.7%</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Vascular Surgery – Integrated (272)</td>
<td>31</td>
<td>3.3%</td>
<td>1.7%</td>
<td>1.7%</td>
<td>3.8%</td>
<td>10.3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thoracic Surgery (2-year programs) (137)</td>
<td>26</td>
<td>11.5%</td>
<td>10.3%</td>
<td>20.7%</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Thoracic Surgery (3-year programs) (91)</td>
<td>26</td>
<td>1.4%</td>
<td>3.0%</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Congenital cardiac surgery (12)</td>
<td>9</td>
<td>33.3%</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Thoracic Surgery – Integrated (183)</td>
<td>26</td>
<td>8.3%</td>
<td>10.8%</td>
<td>5.7%</td>
<td>7.4%</td>
<td>7.4%</td>
<td>23.8%</td>
<td></td>
</tr>
<tr>
<td>Urology (1288)</td>
<td>34</td>
<td>9.3%</td>
<td>8.0%</td>
<td>10.6%</td>
<td>17.4%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female pelvic medicine and reconstructive surgery (35)</td>
<td>23</td>
<td>7.1%</td>
<td>8.3%</td>
<td>22.2%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pediatric urology (24)</td>
<td>22</td>
<td>12.5%</td>
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<td></td>
</tr>
<tr>
<td>Transitional Year (1335)</td>
<td>23</td>
<td>15.4%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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. In this example, the data represent attainment of the Patient Care Subcompetency #10 (PC10).

As seen in this diagram, the median Milestone 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). Overall 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, 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 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.

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 are judged much higher than just a few residents 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 Milestones data’s distribution 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.

**Allergy and Immunology:**
http://www.acgme.org/Specialties/Milestones/pcatid/5/Allergy%20and%20Immunology

**Anesthesiology:**
http://www.acgme.org/Specialties/Milestones/pcatid/6/Anesthesiology

**Colon and Rectal Surgery:**

**Dermatology:**
http://www.acgme.org/Specialties/Milestones/pcatid/3/Dermatology

**Emergency Medicine:**
http://www.acgme.org/Specialties/Milestones/pcatid/7/Emergency%20Medicine

**Family Medicine:**
http://www.acgme.org/Specialties/Milestones/pcatid/8/Family%20Medicine

**Internal Medicine:**
http://www.acgme.org/Specialties/Milestones/pcatid/2/Internal%20Medicine

**Medical Genetics and Genomics:**
http://www.acgme.org/Specialties/Milestones/pcatid/9/Medical%20Genetics%20and%20Genomics

**Neurological Surgery:**
http://www.acgme.org/Specialties/Milestones/pcatid/10/Neurological%20Surgery

**Neurology:**
http://www.acgme.org/Specialties/Milestones/pcatid/37/Neurology

**Nuclear Medicine:**
http://www.acgme.org/Specialties/Milestones/pcatid/11/Nuclear%20Medicine

**Obstetrics and Gynecology:**
http://www.acgme.org/Specialties/Milestones/pcatid/12/Obstetrics%20and%20Gynecology
Ophthalmology:
http://www.acgme.org/Specialties/Milestones/pfcatid/13/Ophthalmology

Orthopaedic Surgery:
http://www.acgme.org/Specialties/Milestones/pfcatid/14/Orthopaedic%20Surgery

Otolaryngology:
http://www.acgme.org/Specialties/Milestones/pfcatid/15/Otolaryngology

Pathology:
http://www.acgme.org/Specialties/Milestones/pfcatid/18/Pathology

Pediatrics:
http://www.acgme.org/Specialties/Milestones/pfcatid/16/Pediatrics

Physical Medicine and Rehabilitation:
http://www.acgme.org/Specialties/Milestones/pfcatid/17/Physical%20Medicine%20and%20Rehabilitation

Plastic Surgery:
http://www.acgme.org/Specialties/Milestones/pfcatid/19/Plastic%20Surgery

Preventive Medicine:
http://www.acgme.org/Specialties/Milestones/pfcatid/20/Preventive%20Medicine

Psychiatry:
http://www.acgme.org/Specialties/Milestones/pfcatid/21/Psychiatry

Radiation Oncology:
http://www.acgme.org/Specialties/Milestones/pfcatid/22/Radiation%20Oncology

Radiology – Diagnostic:
http://www.acgme.org/Specialties/Milestones/pfcatid/23/Radiology

Surgery:
http://www.acgme.org/Specialties/Milestones/pfcatid/24/Surgery

Thoracic Surgery:
http://www.acgme.org/Specialties/Milestones/pfcatid/25/Thoracic%20Surgery

Transitional Year:
http://www.acgme.org/Specialties/Milestones/pfcatid/36/Transitional%20Year

Urology:
http://www.acgme.org/Specialties/Milestones/pfcatid/26/Urology
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>151</td>
<td>149</td>
<td>300</td>
</tr>
</tbody>
</table>

1. Patient Care - Medical Interview and Physical Examination: Conducts comprehensive and detailed medical ...

2. Patient Care - Diagnostic Tests and Procedures: Selects, performs, and interprets diagnostic tests or procedures appropriately.

3. Patient Care - Management Plan: Designs appropriate management plans for allergic and immunologic disorders ...

4. Patient Care - Coordination of Care: Coordinates the care of allergy/immunology patients, including ...

5. Medical Knowledge - Understands, applies and teaches others established and evolving biomedical, clinical ...

6. Systems-Based Practice - Utilizes/accesses outside resources. Demonstrates awareness of and accommodation ...

Note: Please reference milestone narrative for full text.
Specialty: **Allergy and immunology**

7. Practice-Based Learning and Improvement - Research and Scholarly Activity: Actively participates in...

8. Practice-Based Learning and Improvement - Self-evaluates performance. Incorporates feedback. Identifies...

9. Professionalism - Exhibits ethical and responsible behavior, including respect, compassion, honesty, ...

10. Interpersonal and Communication Skills - Provides team-based care and develops productive relationships ...

Note: Please reference milestone narrative for full text.
Specialty: Anesthesiology

<table>
<thead>
<tr>
<th>Post Graduate 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>1,221</td>
<td>1,773</td>
<td>1,704</td>
<td>1,678</td>
<td>6,376</td>
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</table>

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

2. Patient Care - Patient Care 2: Anesthetic Plan and Conduct

3. Patient Care - Patient Care 3: Peri-procedural pain management

4. Patient Care - Patient Care 4: Management of perianesthetic complications

5. Patient Care - Patient Care 5: Crisis Management

6. Patient Care - Patient Care 6: Triage and management of the critically-ill patient in a nonoperative setting

Note: Please reference milestone narrative for full text.
Specialty: **Anesthesiology**

7. Patient Care - Patient Care 7: Acute, chronic, and cancer-related pain consultation and management

8. Patient Care - Patient Care 8: Technical skills: Airway management

9. Patient Care - Patient Care 9: Technical skills: Use and Interpretation of Monitoring and Equipment

10. Patient Care - Patient Care 10: Technical skills: Regional anesthesia

11. Medical Knowledge - Medical Knowledge 1: Knowledge of biomedical, clinical, epidemiological, and social-behavioral ...

12. Systems-Based Practice - Systems-Based Practice 1: Coordination of patient care within the health care system

Note: Please reference milestone narrative for full text.
Specialty: Anesthesiology

13. Systems-Based Practice - Systems-Based Practice 2: Patient Safety and Quality Improvement

14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1: Incorporation of ...

15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2: Analysis of practice ...

16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 3: Self-directed learning

17. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 4: Education of patient, ...

18. Professionalism - Professionalism 1: Responsibility to patients, families, and society

Note: Please reference milestone narrative for full text.
Specialty: **Anesthesiology**

19. **Professionalism - Professionalism 2: Honesty, integrity, and ethical behavior**

20. **Professionalism - Professionalism 3: Commitment to institution, department, and colleagues**

21. **Professionalism - Professionalism 4: Receiving and giving feedback**

22. **Professionalism - Professionalism 5: Responsibility to maintain personal emotional, physical, and mental health**

23. **Interpersonal and Communication Skills - Interpersonal Communication Skills 1: Communication with patients and families**

24. **Interpersonal and Communication Skills - Interpersonal Communication Skills 2: Communication with other professionals**

Note: Please reference milestone narrative for full text.
Specialty: **Anesthesiology**

25. Interpersonal and Communication Skills - Interpersonal Communication Skills 3: Team and leadership skills

Note: Please reference milestone narrative for full text.
Specialty: **Adult cardiothoracic anesthesiology**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>212</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>212</td>
<td></td>
<td></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

Note: Please reference milestone narrative for full text.
Specialty: Adult cardiothoracic anesthesiology

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
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

Note: Please reference milestone narrative for full text.
Specialty: Critical care medicine (Anesthesiology)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
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<tbody>
<tr>
<td>1</td>
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</tbody>
</table>

**Total Residents:** 189

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

Note: Please reference milestone narrative for full text.
Specialty: **Critical care medicine (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 ...

Note: Please reference milestone narrative for full text.
Specialty: Critical care medicine (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

Note: Please reference milestone narrative for full text.
Specialty: Obstetric anesthesiology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>43</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

Note: Please reference milestone narrative for full text.
Specialty: 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

Note: Please reference milestone narrative for full text.
Specialty: Obstetric anesthesiology

13. Professionalism - Professionalism: Receiving and Giving of Feedback


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

Note: Please reference milestone narrative for full text.
Specialty: Pain medicine (multidisciplinary)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th># of Residents</th>
<th>369</th>
</tr>
</thead>
</table>

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

Note: Please reference milestone narrative for full text.
Specialty: **Pain medicine (multidisciplinary)**

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, ...

Note: Please reference milestone narrative for full text.
Specialty: Pain medicine (multidisciplinary)

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 ...

Note: Please reference milestone narrative for full text.
Specialty: **Pain medicine (multidisciplinary)**

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

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

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

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

23. **Interpersonal and Communication Skills - Appropriately Utilizes and Completion**

Note: Please reference milestone narrative for full text.
Specialty: Pediatric anesthesiology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents*</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>224</td>
<td>224</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: 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

Note: Please reference milestone narrative for full text.
Specialty: **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**

Note: Please reference milestone narrative for full text.
Specialty: Pediatric anesthesiology

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


Note: Please reference milestone narrative for full text.
Specialty: Colon and rectal surgery

Resident Year | 1 | Total Residents | 97
# of Residents | 97 | 97

1. Patient Care - Benign Perianal and Anal Disease Processes

2. Patient Care - Colonic Neoplasia (polyps, colon cancer, polyposis)

3. Patient Care - Crohn's Disease

4. Patient Care - Large Bowel Obstruction

5. Patient Care - Rectal Cancer

6. Patient Care - Rectal Prolapse

Note: Please reference milestone narrative for full text.
Specialty: Colon and rectal surgery

7. Patient Care - Rectovaginal (RV) Fistula

8. Patient Care - Pelvic Floor Disorders

9. Medical Knowledge - Benign Perianal and Anal Disease Processes

10. Medical Knowledge - Colonic Neoplasia

11. Medical Knowledge - Crohn's Disease

12. Medical Knowledge - Large Bowel Obstruction

Note: Please reference milestone narrative for full text.
Specialty: Colon and rectal surgery

13. Medical Knowledge - Rectal Cancer

14. Medical Knowledge - Rectal Prolapse

15. Medical Knowledge - Rectovaginal Fistula

16. Medical Knowledge - Pelvic Floor Disorders

17. Medical Knowledge - Anatomy and Physiology

18. Systems-Based Practice - Utilizes/accesses outside resources

Demonstrates awareness of and accommodation ...

Note: Please reference milestone narrative for full text.
Specialty: Colon and rectal surgery

19. Practice-Based Learning and Improvement - • Self-evaluates performance • Incorporates feedback • Identifies ...

20. Professionalism - • Exhibits ethical and responsible behavior, including respect, compassion, honesty, ...

21. Interpersonal and Communication Skills - • Provides team-based care and develops productive relationships ...

Note: Please reference milestone narrative for full text.
Specialty: Dermatology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
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<td>479</td>
<td>485</td>
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</table>

1. Patient Care - PC1. History, Examination, and Presentation

2. Patient Care - PC2. Diagnostic Tests

3. Patient Care - PC3. Dermatopathology Application

4. Patient Care - PC4. Medical Treatment

5. Patient Care - PC5. Pediatric Treatment

6. Patient Care - PC6. Surgical Treatment

Note: Please reference milestone narrative for full text.
Specialty: Dermatology

7. Patient Care - PC7. Diagnosis, Management Decisions and Patient Education

8. Medical Knowledge - MK1. Medical Dermatology

9. Medical Knowledge - MK2. Pediatric Dermatology

10. Medical Knowledge - MK3. Dermatologic Surgery

11. Medical Knowledge - MK4. Dermatopathology

12. Medical Knowledge - MK5. Application of Basic Science Knowledge to Clinical Care

Note: Please reference milestone narrative for full text.
Specialty: Dermatology

13. Systems-Based Practice - SBP1. Adapts easily and works effectively in various health care delivery settings and systems

14. Systems-Based Practice - SBP2. Works effectively within an interprofessional team

15. Systems-Based Practice - SBP3. Improves health care delivery by identifying system errors and implementing...

16. Systems-Based Practice - SBP4. Practices cost-conscious care (for patients and populations)

17. Practice-Based Learning and Improvement - PBL1. Appraise and assimilate scientific evidence

18. Practice-Based Learning and Improvement - PBL2. Continuously improve through self-assessment of competence

Note: Please reference milestone narrative for full text.
Specialty: Dermatology

19. Practice-Based Learning and Improvement - PBLI3. Integrate quality improvement concepts and activities in practice

20. Practice-Based Learning and Improvement - PBLI4. Teach others


22. Professionalism - PROF2. Committed to lifelong learning and improvement

23. Professionalism - PROF3. Patient care is the first priority


Note: Please reference milestone narrative for full text.
Specialty: Dermatology


26. Interpersonal and Communication Skills - ICS3. Team Member Respect and Care Coordination

27. Interpersonal and Communication Skills - ICS4. Communication and Consultation with Other Physicians

28. Interpersonal and Communication Skills - ICS5. Medical Documentation

Note: Please reference milestone narrative for full text.
Specialty: Dermatopathology (multidisciplinary)

<table>
<thead>
<tr>
<th>Resident Year</th>
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<tr>
<td># of Residents</td>
<td>72</td>
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<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

Note: Please reference milestone narrative for full text.
Specialty: **Dermatopathology (multidisciplinary)**

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

8. Practice-Based Learning and Improvement - Process Improvement and Patient Safety — PBLI2

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

10. Professionalism - Giving and Receiving Feedback — PROF2

11. Interpersonal and Communication Skills - Personnel Management and Conflict Management — ICS1

12. Interpersonal and Communication Skills - Diagnostic Reporting — ICS2

Note: Please reference milestone narrative for full text.
Specialty: Micrographic surgery and dermatologic oncology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents*</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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</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 — Mohs Surgery

2. Patient Care - Patient Care 2 — Reconstruction

3. Patient Care - Patient Care 3 — Mohs Histopathology

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

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

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

Note: Please reference milestone narrative for full text.
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

Note: Please reference milestone narrative for full text.
Specialty: **Micrographic surgery and dermatologic oncology**

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

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

Note: Please reference milestone narrative for full text.
Specialty: **Emergency medicine**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
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<td># of Residents</td>
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<td>1,627</td>
<td>1,567</td>
<td>4,951</td>
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</table>

1. Patient Care - 1. Emergency Stabilization (PC1) Prioritizes critical initial stabilization action and ... 

2. Patient Care - 2. Performance of Focused History and Physical Exam (PC2) Abstracts current findings ...

3. Patient Care - 3. Diagnostic Studies (PC3) Applies the results of diagnostic testing based on the probability ...

4. Patient Care - 4. Diagnosis (PC4) Based on all of the available data, narrows and prioritizes the list ...

5. Patient Care - 5. Pharmacotherapy (PC5) Selects and prescribes, appropriate pharmaceutical agents based ...

6. Patient Care - 6. Observation and Reassessment (PC6) Re-evaluates patients undergoing ED observation ...

Note: Please reference milestone narrative for full text.
Specialty: Emergency medicine

7. Patient Care - 7. Disposition (PC7) Establishes and implements a comprehensive disposition plan that ...

8. Patient Care - 8. Multi-tasking (Task-switching) (PC8) Employs task switching in an efficient and timely ...

9. Patient Care - 9. General Approach to Procedures (PC9) Performs the indicated procedure on all appropriate ...

10. Patient Care - 10. Airway Management (PC10) Performs airway management on all appropriate patients (including those who ...

11. Patient Care - 11. Anesthesia and Acute Pain Management (PC11) Provides safe acute pain management, ...

12. Patient Care - 12. Other Diagnostic and Therapeutic Procedures: Goal-directed Focused Ultrasound (Diagnostic/Procedural) ...

Note: Please reference milestone narrative for full text.
Specialty: Emergency medicine

13. Patient Care - 13. Other Diagnostic and Therapeutic Procedures: Wound Management (PC13) Assesses and ...

14. Patient Care - 14. Other Diagnostic and Therapeutic Procedures: Vascular Access (PC14) Successfully ...

15. Medical Knowledge - 15. Medical Knowledge (MK) Demonstrates appropriate medical knowledge in the care ...


17. Systems-Based Practice - 17. Systems-based Management (SBP2) Participates in strategies to improve healthcare ...


Note: Please reference milestone narrative for full text.
Specialty: **Emergency medicine**

19. Practice-Based Learning and Improvement - 19. Practice-based Performance Improvement (PBLI) Participates in performance ... [Diagram]

20. Professionalism - 20. Professional values (PROF1) Demonstrates compassion, integrity, and respect for others as well as ... [Diagram]


22. Interpersonal and Communication Skills - 22. Patient Centered Communication (ICS1) Demonstrates interpersonal ... [Diagram]

23. Interpersonal and Communication Skills - 23. Team Management (ICS2) Leads patient-centered care teams, ... [Diagram]

Note: Please reference milestone narrative for full text.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

Specialty: Emergency medicine

<table>
<thead>
<tr>
<th>Resident Year</th>
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<td>609</td>
<td>569</td>
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</table>

1. Patient Care - 1. Emergency Stabilization (PC1) Prioritizes critical initial stabilization action and ...

2. Patient Care - 2. Performance of Focused History and Physical Exam (PC2) Abstracts current findings ...

3. Patient Care - 3. Diagnostic Studies (PC3) Applies the results of diagnostic testing based on the probability ...

4. Patient Care - 4. Diagnosis (PC4) Based on all of the available data, narrows and prioritizes the list ...

5. Patient Care - 5. Pharmacotherapy (PC5) Selects and prescribes, appropriate pharmaceutical agents based ...

6. Patient Care - 6. Observation and Reassessment (PC6) Re-evaluates patients undergoing ED observation ...

Note: Please reference milestone narrative for full text.
Specialty: Emergency medicine

7. Patient Care - 7. Disposition (PC7) Establishes and implements a comprehensive disposition plan that ...

8. Patient Care - 8. Multi-tasking (Task-switching) (PC8) Employs task switching in an efficient and timely ...

9. Patient Care - 9. General Approach to Procedures (PC9) Performs the indicated procedure on all appropriate ...

10. Patient Care - 10. Airway Management (PC10) Performs airway management on all appropriate patients (including those who ...

11. Patient Care - 11. Anesthesia and Acute Pain Management (PC11) Provides safe acute pain management, ...

12. Patient Care - 12. Other Diagnostic and Therapeutic Procedures: Goal-directed Focused Ultrasound (Diagnostic/Procedural) ...

Note: Please reference milestone narrative for full text.
Specialty: **Emergency medicine**

13. Patient Care - 13. Other Diagnostic and Therapeutic Procedures: Wound Management (PC13) Assesses and ...  

14. Patient Care - 14. Other Diagnostic and Therapeutic Procedures: Vascular Access (PC14) Successfully ...  

15. Medical Knowledge - 15. Medical Knowledge (MK) Demonstrates appropriate medical knowledge in the care ...  


17. Systems-Based Practice - 17. Systems-based Management (SBP2) Participates in strategies to improve healthcare ...  


Note: Please reference milestone narrative for full text.
Specialty: Emergency medicine

19. Practice-Based Learning and Improvement - 19. Practice-based Performance Improvement (PBLI) Participates in performance improvement ... 

20. Professionalism - 20. Professional values (PROF1) Demonstrates compassion, integrity, and respect for others as well as ... 


22. Interpersonal and Communication Skills - 22. Patient Centered Communication (ICS1) Demonstrates interpersonal ... 

23. Interpersonal and Communication Skills - 23. Team Management (ICS2) Leads patient-centered care teams, ... 

Note: Please reference milestone narrative for full text.
Specialty: Emergency medical services

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>49</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

Note: Please reference milestone narrative for full text.
Specialty: Emergency medical services

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

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

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

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

11. Professionalism - Ethics and Professional Behavior – Professionalism

12. Professionalism - Accountability – Professionalism

Note: Please reference milestone narrative for full text.
Specialty: 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

Note: Please reference milestone narrative for full text.
Specialty: **Medical toxicology (Emergency medicine)**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
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<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>38</td>
<td>26</td>
<td>64</td>
</tr>
</tbody>
</table>

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

Note: Please reference milestone narrative for full text.
Specialty: Medical toxicology (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

Note: Please reference milestone narrative for full text.
Specialty: Medical toxicology (Emergency medicine)

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


Note: Please reference milestone narrative for full text.
Specialty: **Pediatric emergency medicine (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>56</td>
<td>40</td>
<td>26</td>
<td>122</td>
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</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 ...  

Note: Please reference milestone narrative for full text.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

Specialty: Pediatric emergency medicine (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 ...

Note: 1 of 122 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 4 of 122 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Pediatric emergency medicine (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

Note: Please reference milestone narrative for full text.
Specialty: Pediatric emergency medicine (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

Note: Please reference milestone narrative for full text.
Specialty: **Sports medicine (Emergency medicine)**

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


Note: Please reference milestone narrative for full text.
Specialty: Sports medicine (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 — ...

Note: Please reference milestone narrative for full text.
13. Interpersonal and Communication Skills - Relationship Development, Teamwork, and Managing Conflict — ...

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

Note: Please reference milestone narrative for full text.
Specialty: **Family medicine**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
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<td>3,943</td>
<td>3,754</td>
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</table>

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

1. Patient Care - PC-1 Cares for acutely ill or injured patients in urgent and emergent situations and in all settings

2. Patient Care - PC-2 Cares for patients with chronic conditions

3. Patient Care - PC-3 Partners with the patient, family, and community to improve health through disease ...

4. Patient Care - PC-4 Partners with the patient to address issues of ongoing signs, symptoms, or health ...

5. Patient Care - PC-5 Performs specialty-appropriate procedures to meet the health care needs of individual ...

6. Medical Knowledge - MK-1 Demonstrates medical knowledge of sufficient breadth and depth to practice family medicine

Note: Please reference milestone narrative for full text.
Specialty: Family medicine

7. Medical Knowledge - MK-2 Applies critical thinking skills in patient care

8. Systems-Based Practice - SBP-1 Provides cost-conscious medical care

9. Systems-Based Practice - SBP-2 Emphasizes patient safety

10. Systems-Based Practice - SBP-3 Advocates for individual and community health

11. Systems-Based Practice - SBP-4 Coordinates team-based care

12. Practice-Based Learning and Improvement - PBLI-1 Locates, appraises, and assimilates evidence from scientific ...

Note: Please reference milestone narrative for full text.
13. Practice-Based Learning and Improvement - PBLI-2 Demonstrates self-directed learning

14. Practice-Based Learning and Improvement - PBLI-3 Improves systems in which the physician provides care

15. Professionalism - PROF-1 Completes a process of professionalization

16. Professionalism - PROF-2 Demonstrates professional conduct and accountability

17. Professionalism - PROF-3 Demonstrates humanism and cultural proficiency

18. Professionalism - PROF-4 Maintains emotional, physical, and mental health; and pursues continual personal...

Note: Please reference milestone narrative for full text.
Specialty: Family medicine

19. Interpersonal and Communication Skills - ICS-1 Develops meaningful, therapeutic relationships with patients and families

20. Interpersonal and Communication Skills - ICS-2 Communicates effectively with patients, families, and the public

21. Interpersonal and Communication Skills - ICS-3 Develops relationships and effectively communicates with...

22. Interpersonal and Communication Skills - ICS-4 Utilizes technology to optimize communication

Note: Please reference milestone narrative for full text.
Resident Year  | 1  | Total Residents | 43
---|---|---|---

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 non-invasive procedures and/or testing. (PC4b)

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

6. Medical Knowledge - Possesses Clinical knowledge (MK1)

Note: Please reference milestone narrative for full text.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

Specialty: Geriatric medicine (Family medicine)

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

8. Medical Knowledge - Scholarship. (MK3)

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: Geriatric medicine (Family medicine)

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

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

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

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

17. Professionalism - Has professional and respectful interactions with patients, caregivers, and members ...

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

Note: Please reference milestone narrative for full text.
Specialty: Geriatric medicine (Family medicine)

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Hospice and palliative medicine (multidisciplinary)

| Resident Year | 1 | Total Residents | 341 |

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 non-invasive procedures and/or testing. (PC4b)

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

6. Medical Knowledge - Possesses Clinical knowledge (MK1)

Note: 8 of 341 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Hospice and palliative medicine (multidisciplinary)**

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

8. Medical Knowledge - Scholarship. (MK3)

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: **Hospice and palliative medicine (multidisciplinary)**

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

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

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

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

17. Professionalism - Has professional and respectful interactions with patients, caregivers, and members ...

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

Note: 3 of 341 residents have a status of “Not Yet Assessable” and are not included in the analysis.
Specialty: Hospice and palliative medicine (multidisciplinary)

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: **Sports medicine (Family medicine)**

<table>
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<th>Resident Year</th>
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<th>Total Residents</th>
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<td>230</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


Note: Please reference milestone narrative for full text.
Specialty:  **Sports medicine (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 — ...

Note: Please reference milestone narrative for full text.
Specialty: **Sports medicine (Family medicine)**

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

14. Interpersonal and Communication Skills - Information Sharing, Gathering, and Technology — Interpersonal ...
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

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>10,973</td>
<td>8,565</td>
<td>8,157</td>
<td>27,695</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 - Gathers and synthesizes essential and accurate information to define each patient's clinical problem(s) (PC1)

Note: 10 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

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

Note: 11 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

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

Note: 62 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

4. Patient Care - Skill in performing procedures (PC4)

Note: 986 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

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

Note: 520 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

6. Medical Knowledge - Clinical knowledge (MK1)

Note: 19 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Internal medicine

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

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

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

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

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

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

Note: 44 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

Note: 79 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

Note: 487 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

Note: 220 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

Note: 80 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

Note: 154 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Internal medicine**

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

Note: 1,222 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

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

Note: 73 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

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

Note: 58 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

16. Professionalism - Has professional and respectful interactions with patients, caregivers and members ...

Note: 15 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

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

Note: 39 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

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

Note: 97 of 27,694 residents have a status of "Not Yet Assessed" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Internal medicine**

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

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

21. **Interpersonal and Communication Skills - Communicates effectively in interprofessional teams (e.g. peers, ...**

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

Note: Please reference milestone narrative for full text.
Specialty: Adult congenital heart disease

### Resident Year 1

<table>
<thead>
<tr>
<th>Aspirational</th>
<th>Critical Deficiencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ready for Unsupervised Practice</td>
<td></td>
</tr>
</tbody>
</table>

### Resident Year 2

<table>
<thead>
<tr>
<th>Aspirational</th>
<th>Critical Deficiencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ready for Unsupervised Practice</td>
<td></td>
</tr>
</tbody>
</table>

### Total Residents

<table>
<thead>
<tr>
<th>Resident Year</th>
<th># of Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>Total</td>
<td>15</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: Please reference milestone narrative for full text.
Specialty: **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 15 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Adult congenital heart disease**

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

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

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

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

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

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

Note: 2 of 15 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Adult congenital heart disease

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
### Specialty: Advanced heart failure and transplant cardiology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th># of Residents</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>103</td>
<td>103</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: Please reference milestone narrative for full text.
Specialty: **Advanced heart failure and transplant cardiology**

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: Please reference milestone narrative for full text.
Specialty: Advanced heart failure and transplant cardiology

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

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: **Advanced heart failure and transplant cardiology**

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty:  **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>1,006</td>
<td>974</td>
<td>942</td>
<td>2,922</td>
</tr>
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</table>

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

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: Please reference milestone narrative for full text.

Note: 1 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 2 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 1 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 9 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 5 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 5 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.
Specialty:  **Cardiovascular disease**

7. Medical Knowledge - Possesses Clinical knowledge (MK1)

Note: 1 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 1 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Medical Knowledge - Scholarship. (MK3)

Note: 35 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 2 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 4 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 2 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Cardiovascular disease

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

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

1. 2. 3. Resident Year

Note: 3 of 2,917 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. (PBLI1)

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

1. 2. 3. Resident Year

Note: 5 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

1. 2. 3. Resident Year

Note: 24 of 2,917 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. (PBLI3)

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

1. 2. 3. Resident Year

Note: 2 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

1. 2. 3. Resident Year

Note: 10 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

1. 2. 3. Resident Year

Note: 1 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Cardiovascular disease**

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

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

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

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

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

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

Note: 1 of 2,917 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: 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>154</td>
<td>35</td>
<td>189</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 189 residents have a status of “Not Yet Assessable” and are not included in the analysis.
Specialty: Clinical cardiac electrophysiology

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: 3 of 189 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 2 of 189 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 5 of 189 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Clinical cardiac electrophysiology**

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

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

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

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

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

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

Note: 2 of 189 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Clinical cardiac electrophysiology

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: Clinical informatics (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>19</td>
<td>16</td>
<td>35</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

Note: Please reference milestone narrative for full text.
Specialty: **Clinical informatics (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 ...**

Note: Please reference milestone narrative for full text.
Specialty: Clinical informatics (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

Note: Please reference milestone narrative for full text.
Specialty: **Clinical informatics (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**

Note: Please reference milestone narrative for full text.
Specialty: Critical care medicine (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>158</td>
<td>78</td>
<td>236</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: Please reference milestone narrative for full text.
Specialty:  Critical care medicine (Internal medicine)

7. Medical Knowledge - Possesses Clinical knowledge (MK1)

[Chart showing Milestone Evaluation by Resident Year: Year-End 2017-2018]

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

[Chart showing Milestone Evaluation by Resident Year: Year-End 2017-2018]

9. Medical Knowledge - Scholarship. (MK3)

[Chart showing Milestone Evaluation by Resident Year: Year-End 2017-2018]

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

[Chart showing Milestone Evaluation by Resident Year: Year-End 2017-2018]

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

[Chart showing Milestone Evaluation by Resident Year: Year-End 2017-2018]

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

[Chart showing Milestone Evaluation by Resident Year: Year-End 2017-2018]

Note: Please reference milestone narrative for full text.
Specialty: Critical care medicine (Internal medicine)

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

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

Note: 2 of 236 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

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

Note: 2 of 236 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

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

Note: Please reference milestone narrative for full text.
Specialty: Critical care medicine (Internal medicine)

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
### Resident Year 1

<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>351</td>
<td>296</td>
<td>647</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 647 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty:  **Endocrinology, diabetes, and metabolism**

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: 5 of 647 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Endocrinology, diabetes, and metabolism**

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

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

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

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

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

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

Note: 19 of 647 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty:  **Endocrinology, diabetes, and metabolism**

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: **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>586</td>
<td>558</td>
<td>520</td>
<td>1,664</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 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 7 of 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 12 of 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 2 of 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Gastroenterology

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: 56 of 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 9 of 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 2 of 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 2 of 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Gastroenterology**

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

14. Practice-Based Learning and Improvement - Monitors practice with a goal for improvement. (PBL11)

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

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 ...

Note: 5 of 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 2 of 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 14 of 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 2 of 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 1 of 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Gastroenterology**

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

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

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

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

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

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

Note: 2 of 1,664 residents have a status of "Not Yet Assessable" and are not included in the analysis.
Specialty: **Geriatric medicine (Internal medicine)**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>282</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 non-invasive procedures and/or testing. (PC4b)

5. **Patient Care** - Requests and provides consultative care. (PC5)

6. **Medical Knowledge** - Possesses Clinical knowledge (MK1)

---

Note: Please reference milestone narrative for full text.
Specialty: Geriatric medicine (Internal medicine)

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

8. Medical Knowledge - Scholarship. (MK3)

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: Geriatric medicine (Internal medicine)

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

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

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

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

17. Professionalism - Has professional and respectful interactions with patients, caregivers, and members ...

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

Note: Please reference milestone narrative for full text.
Specialty: Geriatric medicine (Internal medicine)

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: 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>608</td>
<td>596</td>
<td>547</td>
<td>1,751</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)

Note: 71 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 24 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 31 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 1 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 23 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Hematology and medical oncology

7. Medical Knowledge - Possesses Clinical knowledge (MK1)

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

Resident Year

Note: 133 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

Resident Year

Note: 42 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Medical Knowledge - Scholarship. (MK3)

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

Resident Year

Note: 133 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

Resident Year

Note: 42 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

Resident Year

Note: 50 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

Resident Year

Note: 60 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Hematology and medical oncology

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

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

Resident Year
1 2 3

Note: 5 of 1,751 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. (PBLI1)

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

Resident Year
1 2 3

Note: 54 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

Resident Year
1 2 3

Note: 85 of 1,751 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. (PBLI3)

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

Resident Year
1 2 3

Note: 36 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

Resident Year
1 2 3

Note: 29 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational
Ready for Unsupervised Practice
Critical Deficiencies

Resident Year
1 2 3

Note: 34 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Hematology and medical oncology**

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

Note: 21 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 2 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 28 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 18 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 6 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 6 of 1,751 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **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>411</td>
<td>315</td>
<td>726</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 - Requests and provides consultative care. (PC5)

5. Medical Knowledge - Possesses Clinical knowledge (MK1)

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

Note: Please reference milestone narrative for full text.
Specialty: **Infectious Disease**

7. Medical Knowledge - Scholarship. (MK3)

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Note: 15 of 726 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 3 of 726 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 1 of 726 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
### Specialty: Infectious Disease

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Year-End 2017-2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>19. Professionalism - Exhibits integrity and ethical behavior in professional conduct. (PROF4)</td>
<td><img src="image1.png" alt="Graph" /></td>
</tr>
<tr>
<td>20. Interpersonal and Communication Skills - Communicates effectively with patients and caregivers. (ICS1)</td>
<td><img src="image2.png" alt="Graph" /></td>
</tr>
<tr>
<td>21. Interpersonal and Communication Skills - Communicates effectively in interprofessional teams (e.g., ...)</td>
<td><img src="image3.png" alt="Graph" /></td>
</tr>
<tr>
<td>22. Interpersonal and Communication Skills - Appropriate utilization and completion of health records. (ICS3)</td>
<td><img src="image4.png" alt="Graph" /></td>
</tr>
</tbody>
</table>

Note: 1 of 726 residents have a status of "Not Yet Assessable" and are not included in the analysis.
Resident Year | 1 | Total Residents* | 322
---|---|---|---
# of Residents | 322

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

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: Please reference milestone narrative for full text.
Specialty: Interventional cardiology

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: Please reference milestone narrative for full text.
Specialty: Interventional cardiology

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: Interventional cardiology

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
**Specialty: 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>442</td>
<td>396</td>
<td>838</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 - 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 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Nephrology

7. Medical Knowledge - Possesses Clinical knowledge (MK1)

Note: 1 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 1 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Medical Knowledge - Scholarship. (MK3)

Note: 33 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 1 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 8 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

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

Note: 1 of 836 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. (PBLI1)

Note: 1 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 12 of 836 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. (PBLI3)

Note: 1 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 1 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: Please reference milestone narrative for full text.
Specialty: Nephrology

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

Note: 1 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 1 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 1 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 1 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 1 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 1 of 836 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: 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>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: Please reference milestone narrative for full text.
Specialty: **Medical oncology**

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: Please reference milestone narrative for full text.
Specialty: **Medical oncology**

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

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

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

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

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

18. **Professionalism** - Has professional and respectful interactions with patients, caregivers, and members ...
Specialty: Medical oncology

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: **Pulmonary 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>40</td>
<td>33</td>
<td>73</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: Please reference milestone narrative for full text.
Specialty: **Pulmonary 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: Please reference milestone narrative for full text.
Specialty: **Pulmonary disease**

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

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

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

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

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

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

Note: 4 of 73 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Pulmonary disease**

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: 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>664</td>
<td>599</td>
<td>557</td>
<td>1,820</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: Please reference milestone narrative for full text.
Specialty: **Pulmonary disease and critical care medicine**

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: 73 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 3 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 13 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 15 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Pulmonary disease and critical care medicine**

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

Note: 6 of 1,820 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. (PBLI1)

Note: 2 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 45 of 1,820 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. (PBLI3)

Note: 4 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 8 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Note: 3 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Pulmonary disease and critical care medicine**

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

Aspirational  
Ready for Unsupervised Practice  
Critical Deficiencies  

![Box Plot](image)

Note: 1 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational  
Ready for Unsupervised Practice  
Critical Deficiencies  

![Box Plot](image)

Note: 2 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational  
Ready for Unsupervised Practice  
Critical Deficiencies  

![Box Plot](image)

Note: 2 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational  
Ready for Unsupervised Practice  
Critical Deficiencies  

![Box Plot](image)

Note: 3 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational  
Ready for Unsupervised Practice  
Critical Deficiencies  

![Box Plot](image)

Note: 6 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Aspirational  
Ready for Unsupervised Practice  
Critical Deficiencies  

![Box Plot](image)

Note: 3 of 1,820 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Rheumatology

<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>252</td>
<td>230</td>
<td>482</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: 4 of 482 residents have a status of “Not Yet Assessable” and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Rheumatology**

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: 3 of 482 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 1 of 482 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 4 of 482 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Rheumatology**

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

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

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

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

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

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

Note: 7 of 482 residents have a status of “Not Yet Assessable” and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Rheumatology

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: **Sleep medicine (multidisciplinary)**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>172</td>
<td>172</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 non-invasive procedures and/or testing. (PC4b)

5. **Patient Care** - Requests and provides consultative care. (PC5)

6. **Medical Knowledge** - Possesses Clinical knowledge (MK1)

Note: Please reference milestone narrative for full text.
Specialty: **Sleep medicine (multidisciplinary)**

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

8. Medical Knowledge - Scholarship. (MK3)

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

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

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

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

Note: 1 of 172 residents have a status of “Not Yet Assessable” and are not included in the analysis.
Specialty: **Sleep medicine (multidisciplinary)**

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

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

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

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

17. **Professionalism - Has professional and respectful interactions with patients, caregivers, and members ...**

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

Note: Please reference milestone narrative for full text.
Specialty: Sleep medicine (multidisciplinary)

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: **Transplant hepatology**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>48</th>
</tr>
</thead>
</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: Please reference milestone narrative for full text.
Specialty: Transplant hepatology

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: Please reference milestone narrative for full text.
Specialty: Transplant hepatology

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: Transplant hepatology

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
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>35</td>
<td>28</td>
<td>63</td>
</tr>
</tbody>
</table>

1. Patient Care - Obtain and interpret medical, social, and family histories, as well as physical exam ...

2. Patient Care - Incorporate genetic tests into patient management—Patient Care

3. Patient Care - Incorporate whole genome or exome tests into patient management—Patient Care

4. Patient Care - Diagnose and manage patients with inborn errors of metabolism—Patient Care

5. Patient Care - Evaluates infants with abnormal newborn screens in a cost-effective and sensitive manner ...

6. Patient Care - Develop proficiency in cancer genetics—Patient Care

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

Note: Please reference milestone narrative for full text.
Specialty: **Medical genetics and genomics**

7. Patient Care - Evaluate and manage patients with single malformations, multiple congenital anomalies, ...

8. Patient Care - Develop proficiency in prenatal risk assessment, screening, diagnosis, and counseling—Patient Care

Note: 8 of 63 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Patient Care - Provide longitudinal management and reproductive counseling in pregnancies with known ...

10. Medical Knowledge - Apply knowledge of anatomy, development, pathophysiology, natural history, clinical ...

Note: 9 of 63 residents have a status of "Not Yet Rotated" and are not included in the analysis.

11. Medical Knowledge - Assess and participate in a clinical or translational research study or clinical ...

12. Systems-Based Practice - Function effectively within the larger context of health care systems, and ...

Note: 8 of 63 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Medical genetics and genomics

13. Systems-Based Practice - Use 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 - Implement a quality improvement project—Practice-Based Learning and Improvement

16. Professionalism - Is sensitive and responsive to diverse patient populations with respect to gender, ...

17. Professionalism - Adhere to the ethical principles relevant to the practice of medicine—Professionalism

18. Professionalism - Demonstrate personal responsibility to maintain emotional, physical, and mental health ...

Note: Please reference milestone narrative for full text.
Specialty: Medical genetics and genomics

19. Interpersonal and Communication Skills - Relationship building, teamwork, and conflict management—Interpersonal ...  

20. Interpersonal and Communication Skills - Information gathering and sharing—Interpersonal and Communication Skills

Note: Please reference milestone narrative for full text.
Specialty: Medical biochemical genetics

Resident Year | Total Residents
---|---
1 | 13

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

Note: Please reference milestone narrative for full text.
Specialty: 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

Note: Please reference milestone narrative for full text.
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 ...

Note: Please reference milestone narrative for full text.
Specialty: Molecular genetic pathology (multidisciplinary)

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>58</td>
<td>58</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care 1 — Assay Design and Validation

2. Patient Care - Patient Care 2 — Quality Assurance

3. Patient Care - Patient Care 3 — Interpretation

4. Medical Knowledge - Medical Knowledge 1 — Molecular Testing

5. Medical Knowledge - Medical Knowledge 2 — Genomic Testing

6. Medical Knowledge - Medical Knowledge 3 — Patient-centered Interpretation

Note: Please reference milestone narrative for full text.
Specialty: Molecular genetic pathology (multidisciplinary)

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

8. Systems-Based Practice - Systems-Based Practice 2 — Health Care Teams

9. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 1 — Evidence-based Utilization

10. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement 2 — Process Improvement and Patient Safety

11. Professionalism - Professionalism 1 — Giving and Receiving Feedback

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

Note: Please reference milestone narrative for full text.
Specialty: Molecular genetic pathology (multidisciplinary)

13. Interpersonal and Communication Skills - Interpersonal and Communication Skills 1 — Communicates with ...  


Note: Please reference milestone narrative for full text.
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>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>223</td>
<td>222</td>
<td>221</td>
<td>205</td>
<td>198</td>
<td>199</td>
<td>147</td>
<td>1,415</td>
</tr>
</tbody>
</table>

1. Patient Care - Brain Tumor

Note: 53 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

2. Medical Knowledge - Brain Tumor

Note: 48 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

3. Patient Care - Critical Care

Note: 22 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

4. Medical Knowledge - Critical Care

Note: 16 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

5. Patient Care - Surgical Treatment of Epilepsy and Movement Disorders

Note: 115 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

6. Medical Knowledge - Surgical Treatment of Epilepsy and Movement Disorders

Note: 120 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Neurological surgery

7. Patient Care - Pain and Peripheral Nerves

Note: 123 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

8. Medical Knowledge - Pain and Peripheral Nerves

Note: 113 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Patient Care - Pediatric Neurological Surgery

Note: 224 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

10. Medical Knowledge - Pediatric Neurological Surgery

Note: 208 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

11. Patient Care - Spinal Neurosurgery

Note: 53 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

12. Medical Knowledge - Spinal Neurosurgery; Degenerative Disease

Note: 54 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Neurological surgery**

13. Medical Knowledge - Spinal Neurosurgery; Trauma, Tumor, Infection

Note: 48 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

14. Patient Care - Vascular Neurosurgery

Note: 82 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

15. Medical Knowledge - Vascular Neurosurgery

Note: 72 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

16. Patient Care - Traumatic Brain Injury

Note: 54 of 1,415 residents have a status of "Not Yet Rotated" and are not included in the analysis.

17. Systems-Based Practice - Economics

18. Systems-Based Practice - Safety and Systems

Note: Please reference milestone narrative for full text.
Specialty: Neurological surgery

19. Practice-Based Learning and Improvement - Lifelong Learning

20. Practice-Based Learning and Improvement - Research

21. Professionalism - Compassion

22. Professionalism - Accountability

23. Interpersonal and Communication Skills - Relational

24. Interpersonal and Communication Skills - Technology

Note: Please reference milestone narrative for full text.
Specialty: **Neurology**

<table>
<thead>
<tr>
<th>Post Graduate 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>483</td>
<td>823</td>
<td>763</td>
<td>693</td>
<td>2,762</td>
</tr>
</tbody>
</table>

1. Patient Care - History—Patient Care

Note: 149 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

2. Patient Care - Neurological Exam—Patient Care

Note: 158 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

3. Patient Care - Management/Treatment—Patient Care

Note: 159 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

4. Patient Care - Movement Disorders—Patient Care

Note: 412 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

5. Patient Care - Neuromuscular Disorders—Patient Care

Note: 404 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

6. Patient Care - Cerebrovascular Disorders—Patient Care

Note: 250 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Neurology**

7. Patient Care - Cognitive/Behavioral Disorders—Patient Care

8. Patient Care - Demyelinating Disorders—Patient Care

Note: 344 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Patient Care - Epilepsy—Patient Care

10. Patient Care - Headache Syndromes—Patient Care

Note: 304 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

11. Patient Care - Neurologic Manifestations of Systemic Disease—Patient Care

12. Patient Care - Child Neurology for the Adult Neurologist—Patient Care

Note: 269 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 372 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 305 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 1,033 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Neurology**

13. **Patient Care - Neuro-Oncology—Patient Care**

Note: 534 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

14. **Patient Care - Psychiatry for the Adult Neurologist—Patient Care**

Note: 773 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

15. **Patient Care - Neuroimaging—Patient Care**

Note: 244 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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

Note: 602 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

17. **Patient Care - Nerve Conduction Studies (NCS)/Electromyography (EMG)—Patient Care**

Note: 788 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

18. **Patient Care - Lumbar Puncture—Patient Care**

Note: 305 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Neurology

19. Medical Knowledge - Localization—Medical Knowledge

Note: 151 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

20. Medical Knowledge - Formulation—Medical Knowledge

Note: 138 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

21. Medical Knowledge - Diagnostic Investigation—Medical Knowledge

Note: 143 of 2,762 residents have a status of "Not Yet Rotated" and are not included in the analysis.

22. Systems-Based Practice - Systems thinking, including cost and risk effective practice—Systems-Based Practice

23. Systems-Based Practice - Work in interprofessional teams to enhance patient safety—Systems-Based Practice

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

Note: Please reference milestone narrative for full text.
Specialty: Neurology

25. Practice-Based Learning and Improvement - Locate, appraise, and assimilate evidence from scientific ...

26. Professionalism - Compassion, integrity, accountability, and respect for self and others—Professionalism

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

28. Interpersonal and Communication Skills - Relationship development, teamwork, and managing conflict—Interpersonal ...

29. Interpersonal and Communication Skills - Information sharing, gathering, and technology—Interpersonal and Communication ...

Note: Please reference milestone narrative for full text.
Specialty: **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>176</td>
<td>176</td>
</tr>
</tbody>
</table>

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

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

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

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

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

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

Note: 3 of 176 residents have a status of "Not Applicable" and are not included in the analysis.

Note: 34 of 176 residents have a status of "Not Applicable" and are not included in the analysis.

Note: 34 of 176 residents have a status of "Not Applicable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Clinical neurophysiology

7. Patient Care - Sleep Disorders — Patient Care

8. Medical Knowledge - Localization — Medical Knowledge

Note: 65 of 176 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

Note: Please reference milestone narrative for full text.
Specialty: Clinical neurophysiology

13. Medical Knowledge - EP/IOM — 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 — 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

Note: Please reference milestone narrative for full text.
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 ...

Note: Please reference milestone narrative for full text.
Specialty: Epilepsy

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

Note: Please reference milestone narrative for full text.
Specialty: Epilepsy

7. Medical Knowledge - Epilepsy Localization — Medical Knowledge

8. Medical Knowledge - Diagnostic Investigation — Medical Knowledge

9. Medical Knowledge - Seizure and Epilepsy Classification — Medical Knowledge

10. Systems-Based Practice - Work in Interprofessional Teams to Enhance Patient Safety — Systems-Based Practice

11. Systems-Based Practice - Systems Thinking, Including Cost- and Risk-Effective Practice — Systems-Based Practice

12. Systems-Based Practice - Advocacy, Continuum of Care, and Community Resources — Systems-Based Practice

Note: Please reference milestone narrative for full text.
Specialty: 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 ...

Note: Please reference milestone narrative for full text.
Specialty: **Neurodevelopmental disabilities**

<table>
<thead>
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</table>

1. Patient Care - History — Patient Care

2. Patient Care - Neurological Exam — Patient Care

3. Patient Care - Neurodevelopmental Exam — Patient Care

4. Patient Care - Management/Treatment — Patient Care

5. Patient Care - Neurodevelopmental Disabilities — Patient Care

6. Patient Care - Neurometabolic and Neurogenetic Disorders — Patient Care

Note: Please reference milestone narrative for full text.
Specialty: **Neurodevelopmental disabilities**

7. Patient Care -

8. Patient Care - Neuromuscular Disorders — Patient Care

9. Patient Care - Cerebrovascular Disorders — Patient Care

10. Patient Care - Cognitive, Behavioral, and Psychiatric Disorders — Patient Care

11. Patient Care - Neuroimmunologic and White Matter Disorders — Patient Care

12. Patient Care - Epilepsy — Patient Care

Note: Please reference milestone narrative for full text.
Specialty: Neurodevelopmental disabilities

13. Patient Care - Headache Syndromes — Patient Care

14. Patient Care - Neuro-Oncology — Patient Care

15. Patient Care - Neuroimaging — Patient Care

16. Patient Care - Electroencephalogram [EEG] — Patient Care

17. Patient Care - Lumbar Puncture — Patient Care

18. Medical Knowledge - Formulation — Medical Knowledge

Note: Please reference milestone narrative for full text.
Specialty: Neurodevelopmental disabilities

19. Medical Knowledge - Development — Medical Knowledge

20. Medical Knowledge - Localization — Medical Knowledge

21. Medical Knowledge - Diagnostic Investigation — Medical Knowledge

22. Systems-Based Practice - Community Resources — Systems-Based Practice

23. Systems-Based Practice - Systems thinking, including cost- and risk-effective practice — Systems-Based Practice

24. Systems-Based Practice - Work in interprofessional teams to enhance patient safety — Systems-Based Practice

Note: Please reference milestone narrative for full text.
Specialty: **Neurodevelopmental disabilities**

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

26. **Practice-Based Learning and Improvement - Locate, appraise, and assimilate evidence from scientific**...

27. **Professionalism - Compassion, integrity, accountability, and respect for self and others** — Professionalism

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

29. **Interpersonal and Communication Skills - Relationship development, teamwork, and managing conflict** — ...

30. **Interpersonal and Communication Skills - Information sharing, gathering, and technology** — Interpersonal ...

Note: Please reference milestone narrative for full text.
Specialty: Neuromuscular medicine (Neurology)

<table>
<thead>
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<th>Resident Year</th>
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<tr>
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</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

Note: Please reference milestone narrative for full text.
Specialty: Neuromuscular medicine (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

Note: Please reference milestone narrative for full text.
Specialty: **Neuromuscular medicine (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

Note: Please reference milestone narrative for full text.
Specialty: Neuromuscular medicine (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 ...

Note: Please reference milestone narrative for full text.
Specialty: **Vascular neurology**

<table>
<thead>
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<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>118</td>
</tr>
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</table>

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

2. **Patient Care - Vascular Neurological Examination — Patient Care**

3. **Patient Care - Ischemic Stroke Reperfusion Treatment and Management — Patient Care**

4. **Patient Care - Treatment and Management of Patients with Cerebrovascular Disease — Patient Care**

5. **Medical Knowledge - Localization — Medical Knowledge**

6. **Medical Knowledge - Formulation — Medical Knowledge**

Note: Please reference milestone narrative for full text.
Specialty: **Vascular neurology**

7. Medical Knowledge - Imaging in Vascular Neurology (e.g., computed tomography [CT], magnetic resonance ... 

8. Medical Knowledge - Diagnostic Investigation in Vascular Neurology — Medical Knowledge

9. Medical Knowledge - Ischemic Stroke — Medical Knowledge

10. Medical Knowledge - Intracerebral Hemorrhage — Medical Knowledge

11. Medical Knowledge - Subarachnoid Hemorrhage — Medical Knowledge

12. Systems-Based Practice - Cost- and risk/benefit-appropriate practice — Systems-Based Practice

Note: Please reference milestone narrative for full text.
Specialty: Vascular neurology

13. Systems-Based Practice - Work in interprofessional teams to enhance patient safety — Systems-Based Practice

14. Systems-Based Practice - Continuum of Care — Systems-Based Practice

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

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

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

18. Professionalism - Knowledge About and Adherence to the Ethical Principles Relevant to the Practice of Medicine — Professionalism

Note: Please reference milestone narrative for full text.
Specialty: **Vascular neurology**

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

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

Note: Please reference milestone narrative for full text.
Specialty: Child neurology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
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<th>Total Residents</th>
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<tbody>
<tr>
<td># of Residents</td>
<td>136</td>
<td>119</td>
<td>121</td>
<td>376</td>
</tr>
</tbody>
</table>

1. Patient Care - History — Patient Care

2. Patient Care - Neurological Exam — Patient Care

3. Patient Care - Management/Treatment — Patient Care

4. Patient Care - Neurometabolic and Neurogenetic Disorders — Patient Care

5. Patient Care - Movement Disorders — Patient Care

6. Patient Care - Neuromuscular Disorders — Patient Care

Note: Please reference milestone narrative for full text.
Specialty: **Child neurology**

7. Patient Care - Cerebrovascular Disorders — Patient Care

8. Patient Care - Cognitive, Behavioral, and Psychiatric Disorders — Patient Care

9. Patient Care - Neuroimmunologic and White Matter Disorders — Patient Care

10. Patient Care - Epilepsy — Patient Care

11. Patient Care - Headache Syndromes — Patient Care

12. Patient Care - Neuro-Oncology — Patient Care

Note: Please reference milestone narrative for full text.
Specialty: **Child neurology**

13. Patient Care - Neuroimaging — Patient Care

14. Patient Care - Electroencephalogram [EEG] — Patient Care

15. Patient Care - Lumbar Puncture — Patient Care

16. Medical Knowledge - Development — Medical Knowledge

17. Medical Knowledge - Localization — Medical Knowledge

18. Medical Knowledge - Formulation — Medical Knowledge

Note: Please reference milestone narrative for full text.
 Specialty: Child neurology

19. Medical Knowledge - Diagnostic Investigation — Medical Knowledge

20. Systems-Based Practice - Systems thinking, including cost- and risk-effective practice — Systems-Based Practice

21. Systems-Based Practice - Work in interprofessional teams to enhance patient safety — Systems-Based Practice

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

23. Practice-Based Learning and Improvement - Locate, appraise, and assimilate evidence from scientific ...

24. Professionalism - Compassion, integrity, accountability, and respect for self and others — Professionalism

Note: Please reference milestone narrative for full text.
Specialty:  Child neurology

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

26. Interpersonal and Communication Skills - Relationship development, teamwork, and managing conflict — ...

27. Interpersonal and Communication Skills - Information sharing, gathering, and technology — Interpersonal ...

Note: Please reference milestone narrative for full text.
## Specialty: Nuclear medicine

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
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<tbody>
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<td># of Residents</td>
<td>33</td>
<td>19</td>
<td>22</td>
<td>74</td>
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</tbody>
</table>

1. Patient Care - Diagnostic: General Nuclear Medicine, Cardiovascular, and Molecular Imaging (Patient ...


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

4. Patient Care - Therapy: Radioiodine for Thyroid Malignancy—Patient Evaluation, Procedure Selection, ...

5. Patient Care - Therapy: Parenteral—Patient Evaluation, Procedure Selection, Procedure Performance, and ...

6. Medical Knowledge - Physiology and Pathophysiology—Medical Knowledge

Note: 2 of 74 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Nuclear medicine**

7. Medical Knowledge - Anatomic Imaging—Medical Knowledge

8. Medical Knowledge - Instrumentation—Medical Knowledge

9. Medical Knowledge - Radiopharmaceuticals and molecular agents—Medical Knowledge

10. Medical Knowledge - Medical physics, mathematics, and radiation biology—Medical Knowledge

11. Medical Knowledge - Regulatory Requirements—Medical Knowledge


Note: Please reference milestone narrative for full text.
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

Note: Please reference milestone narrative for full text.
Specialty: **Nuclear medicine**

19. Interpersonal and Communication Skills - Health Care Team—Interpersonal and Communications Skills

Note: Please reference milestone narrative for full text.
Specialty: Obstetrics and gynecology

Resident Year | 1 | 2 | 3 | 4 | Total Residents
--- | --- | --- | --- | --- | ---
# of Residents | 1,410 | 1,380 | 1,353 | 1,350 | 5,493

1. Patient Care - Antepartum Care and Complications of Pregnancy—Patient Care

2. Patient Care - Care of Patients in the Intrapartum Period—Patient Care

Note: 19 of 5,493 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

4. Patient Care - Obstetrical Technical Skills—Patient Care

Note: 3 of 5,493 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

6. Patient Care - Gynecology Technical Skills: Laparotomy (e.g., Hysterectomy, Myomectomy, Adnexectomy)—Patient Care

Note: 84 of 5,493 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 145 of 5,493 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Obstetrics and gynecology

7. Patient Care - Gynecology Technical Skills: Vaginal Surgery (e.g., Vaginal Hysterectomy, Colporrhaphy, ... 

Note: 478 of 5,493 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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

Note: 83 of 5,493 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Patient Care - Family Planning—Patient Care 

Note: 42 of 5,493 residents have a status of "Not Yet Rotated" and are not included in the analysis.

10. Patient Care - Ambulatory Gynecology—Patient Care 

Note: 31 of 5,493 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: 35 of 5,493 residents have a status of "Not Yet Rotated" and are not included in the analysis.

12. Medical Knowledge - Perioperative Care—Medical Knowledge 

Note: 14 of 5,493 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Obstetrics and Gynecology

13. Medical Knowledge - Abdominal/Pelvic Pain (Acute and Chronic)—Medical Knowledge

Note: 61 of 5,493 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: 51 of 5,493 residents have a status of "Not Yet Rotated" and are not included in the analysis.

15. Medical Knowledge - Pelvic Mass—Medical Knowledge

Note: 86 of 5,493 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: 648 of 5,493 residents have a status of "Not Yet Rotated" and are not included in the analysis.

17. Medical Knowledge - First Trimester Bleeding—Medical Knowledge

Note: 59 of 5,493 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: 37 of 5,493 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
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

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

Note: Please reference milestone narrative for full text.
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 ...


Note: Please reference milestone narrative for full text.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

Specialty: Female pelvic medicine and reconstructive surgery (OBGYN)

<table>
<thead>
<tr>
<th>Resident Year</th>
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<td># of Residents</td>
<td>49</td>
<td>45</td>
<td>48</td>
<td>142</td>
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</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: Please reference milestone narrative for full text.
Specialty: Female pelvic medicine and reconstructive surgery (OBGYN)

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

Note: Please reference milestone narrative for full text.
Specialty: Female pelvic medicine and reconstructive surgery (OBGYN)

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: Please reference milestone narrative for full text.
Specialty: Female pelvic medicine and reconstructive surgery (OBGYN)

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

Note: Please reference milestone narrative for full text.
Specialty: **Gynecologic oncology**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
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<td># of Residents</td>
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<td>62</td>
<td>61</td>
<td>189</td>
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</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

Note: Please reference milestone narrative for full text.
Specialty: 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

Note: Please reference milestone narrative for full text.
Specialty: **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

Note: Please reference milestone narrative for full text.
Specialty: 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

Note: Please reference milestone narrative for full text.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

Specialty: Maternal-fetal medicine

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
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<tr>
<td># of Residents</td>
<td>113</td>
<td>108</td>
<td>104</td>
<td>325</td>
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</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

Note: Please reference milestone narrative for full text.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

Specialty: 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

Note: Please reference milestone narrative for full text.
Specialty: Maternal-fetal medicine

13. Practice-Based Learning and Improvement - PBLI2: Quality Improvement (QI)

14. Practice-Based Learning and Improvement - PBLI3: Education of Team Members

15. Professionalism - PROF1: Professional Ethics and Accountability

16. Professionalism - PROF2: Compassion, Integrity, and Respect for Others

17. Interpersonal and Communication Skills - ICS1: Teamwork and Communication with Physicians and Other Health Professionals

18. Interpersonal and Communication Skills - ICS2: Communication with Patients and Families

Note: Please reference milestone narrative for full text.
Specialty: Reproductive endocrinology and infertility

Resident Year | 1 | 2 | 3 | Total Residents
---|---|---|---|---
# of Residents | 57 | 54 | 48 | 159

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

Note: Please reference milestone narrative for full text.
Specialty: 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

Note: Please reference milestone narrative for full text.
Specialty: 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)

Note: Please reference milestone narrative for full text.
### Specialty: Ophthalmology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
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<tbody>
<tr>
<td># of Residents</td>
<td>493</td>
<td>481</td>
<td>503</td>
<td>1,477</td>
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</table>

1. Patient Care - PC-1. Patient Interview

2. Patient Care - PC-2. Patient Examination (Use the Appendix and see Special Note on page v.)

3. Patient Care - PC-3. Office Diagnostic Procedures (Use the Appendix and see Special Note on page v.)

4. Patient Care - PC-4. Disease Diagnosis

5. Patient Care - PC-5. Non-surgical Therapy

6. Patient Care - PC-6. Non-Operating Room (OR) Surgery (Use the Appendix and see Special Note on page v.)

Note: Please reference milestone narrative for full text.
Specialty: **Ophthalmology**

7. **Patient Care - PC-7. OR Surgery (Use the Appendix and see Special Note on page v.)**

8. **Patient Care - PC-8. Consultation**

9. **Medical Knowledge - MK-1. Demonstrate level-appropriate knowledge**

10. **Medical Knowledge - MK-2. Demonstrate level-appropriate knowledge applied to patient management**

11. **Systems-Based Practice - SBP-1. Work effectively and coordinate patient care in various health care delivery systems**

12. **Systems-Based Practice - SBP-2. Incorporate cost-effectiveness, risk/benefit analysis, and IT to promote ...**

Note: Please reference milestone narrative for full text.
Specialty: Ophthalmology

13. Systems-Based Practice - SBP-3: Work in interprofessional teams to enhance patient safety, identify ...

14. Practice-Based Learning and Improvement - PBLI-1. Self-Directed Learning 1. Identify strengths, deficiencies, ...

15. Practice-Based Learning and Improvement - PBLI-2. Locate, appraise, and assimilate evidence from scientific ...

16. Practice-Based Learning and Improvement - PBLI-3. Participate in a quality improvement project

17. Professionalism - PROF-1. Compassion, integrity, and respect for others; sensitivity and responsiveness ...

18. Professionalism - PROF-2. Responsiveness to patient needs that supersedes self-interest

Note: Please reference milestone narrative for full text.
Specialty: **Ophthalmology**


20. Professionalism - PROF-4. Accountability to patients, society, and the profession

21. Interpersonal and Communication Skills - ICS-1. Communicate effectively with patients and families with ...

22. Interpersonal and Communication Skills - ICS-2. Communicate effectively with physicians, other health ...

23. Interpersonal and Communication Skills - ICS-3. Work effectively as a member or leader of a health care ...

24. Interpersonal and Communication Skills - ICS-4. Effectively present didactic and case-based educational ...

Note: Please reference milestone narrative for full text.
Specialty: Orthopaedic surgery

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
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<tr>
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<td>811</td>
<td>806</td>
<td>794</td>
<td>765</td>
<td>775</td>
<td>3,951</td>
</tr>
</tbody>
</table>

1. Patient Care - Anterior Cruciate Ligament (ACL)

2. Medical Knowledge - Anterior Cruciate Ligament (ACL)

3. Patient Care - Ankle Arthritis

4. Medical Knowledge - Ankle Arthritis

5. Patient Care - Ankle Fracture

6. Medical Knowledge - Ankle Fracture

Note: Please reference milestone narrative for full text.
Specialty: Orthopaedic surgery

7. Patient Care - Carpal Tunnel

8. Medical Knowledge - Carpal Tunnel

Note: 659 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Patient Care - Degenerative Spinal Conditions

10. Medical Knowledge - Degenerative Spinal Conditions

Note: 670 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

11. Patient Care - Diabetic Foot

12. Medical Knowledge - Diabetic Foot

Note: 816 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Orthopaedic surgery**

13. **Patient Care - Diaphyseal Femur and Tibia Fracture**

Note: 205 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

14. **Medical Knowledge - Diaphyseal Femur and Tibia Fracture**

Note: 171 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

15. **Patient Care - Distal Radius Fracture (DRF)**

Note: 342 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

16. **Medical Knowledge - Distal Radius Fracture (DRF)**

Note: 311 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

17. **Patient Care - Adult Elbow Fracture**

Note: 286 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

18. **Medical Knowledge - Adult Elbow Fracture**

Note: 241 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Orthopaedic surgery

19. Patient Care - Hip and Knee Osteo Arthritis (OA)

Note: 414 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

20. Medical Knowledge - Hip and Knee Osteo Arthritis (OA)

Note: 372 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

21. Patient Care - Hip Fracture

Note: 201 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

22. Medical Knowledge - Hip Fracture

Note: 167 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

23. Patient Care - Metastatic Bone Lesion

Note: 846 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

24. Medical Knowledge - Metastatic Bone Lesion

Note: 754 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Orthopaedic surgery

25. Patient Care - Meniscal Tear

Note: 606 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

26. Medical Knowledge - Meniscal Tear

Note: 537 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

27. Patient Care - Pediatric Septic Hip

Note: 652 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

28. Medical Knowledge - Pediatric Septic Hip

Note: 557 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

29. Patient Care - Rotator Cuff Injury

Note: 620 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

30. Medical Knowledge - Rotator Cuff Injury

Note: 566 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Orthopaedic surgery**

31. Patient Care - Pediatric Supracondylar Humerus Fracture

32. Medical Knowledge - Pediatric Supracondylar Humerus Fracture

Note: 571 of 3,951 residents have a status of "Not Yet Rotated" and are not included in the analysis.

33. Systems-Based Practice - Systems thinking, including cost-effective practice

34. Systems-Based Practice - Resident will work in interprofessional teams to enhance patient safety and quality care

35. Systems-Based Practice - Uses technology to accomplish safe health care delivery

36. Practice-Based Learning and Improvement - Self-Directed Learning: 1. Identify strengths, deficiencies, ...

Note: Please reference milestone narrative for full text.
Specialty: Orthopaedic surgery

37. Practice-Based Learning and Improvement - Locate, appraise, and assimilate evidence from scientific ...

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

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

40. Interpersonal and Communication Skills - Communication

41. Interpersonal and Communication Skills - Teamwork (e.g., physician, nursing and allied health care providers, ...
Specialty: Adult reconstructive orthopaedics

Resident Year | 1 | Total Residents | 40
---|---|---|---

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

Note: Please reference milestone narrative for full text.
Specialty: Adult reconstructive orthopaedics

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

Note: Please reference milestone narrative for full text.
Specialty: **Adult reconstructive orthopaedics**

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 ...

Note: Please reference milestone narrative for full text.
Specialty: **Adult reconstructive orthopaedics**

19. Practice-Based Learning and Improvement - Locate, appraise, and assimilate evidence from scientific ...

![Graph for Milestone 19](image)

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

![Graph for Milestone 20](image)

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

![Graph for Milestone 21](image)

22. Interpersonal and Communication Skills - Communication—Interpersonal and Communication Skills

![Graph for Milestone 22](image)

23. Interpersonal and Communication Skills - Teamwork (e.g., physician, nursing and allied health care providers, ...

![Graph for Milestone 23](image)

Note: Please reference milestone narrative for full text.
Specialty: **Foot and ankle orthopaedics**

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

Note: Please reference milestone narrative for full text.
Specialty: Foot and ankle orthopaedics

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

Note: Please reference milestone narrative for full text.
Specialty: Foot and Ankle Orthopaedics

13. Patient Care - Pes Cavus—Patient Care

14. Medical Knowledge - Pes Cavus—Medical Knowledge

15. Patient Care - Pes Pianovalgus—Patient Care

16. Medical Knowledge - Pes Pianovalgus—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

Note: Please reference milestone narrative for full text.
Specialty: **Foot and ankle orthopaedics**

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

Note: Please reference milestone narrative for full text.
Specialty: **Hand surgery (Orthopaedic surgery)**

Resident Year | 1 | Total Residents | 152
---|---|---|---
# of Residents | 152 | 152 | 152

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

Note: Please reference milestone narrative for full text.
Specialty: **Hand surgery (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**

Note: Please reference milestone narrative for full text.
Specialty: **Hand surgery (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**

Note: Please reference milestone narrative for full text.
Specialty: Musculoskeletal oncology

<table>
<thead>
<tr>
<th>Resident Year</th>
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</thead>
<tbody>
<tr>
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</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

Note: Please reference milestone narrative for full text.
Specialty: **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 ...**

Note: Please reference milestone narrative for full text.
Specialty: **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

Note: Please reference milestone narrative for full text.
Specialty: **Musculoskeletal oncology**

19. Interpersonal and Communication Skills - Teamwork—Interpersonal and Communication Skills

Note: Please reference milestone narrative for full text.
**Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018**

Specialty: **Orthopaedic sports medicine**

<table>
<thead>
<tr>
<th>Resident Year</th>
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</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>208</td>
<td>208</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 - 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, preseason 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 ...

Note: Please reference milestone narrative for full text.
Specialty: 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 ...  

Note: Please reference milestone narrative for full text.
Specialty: **Orthopaedic sports medicine**

13. Interpersonal and Communication Skills - Communication—Interpersonal and Communication Skills


Note: Please reference milestone narrative for full text.
Specialty: **Orthopaedic surgery of the spine**

<table>
<thead>
<tr>
<th>Resident Year</th>
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<td>32</td>
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</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

Note: Please reference milestone narrative for full text.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

Specialty: **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

Note: Please reference milestone narrative for full text.
Specialty: **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

Note: Please reference milestone narrative for full text.
Specialty: Orthopaedic trauma

<table>
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</thead>
<tbody>
<tr>
<td># of Residents</td>
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</tr>
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</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

Note: Please reference milestone narrative for full text.
Specialty: 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 ...

Note: Please reference milestone narrative for full text.
Specialty: **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, ...
Specialty: **Pediatric orthopaedics**

<table>
<thead>
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<th>Resident Year</th>
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<th>Total Residents</th>
<th>39</th>
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</thead>
</table>

**1. Patient Care - Pediatric Orthopaedics Idiopathic Scoliosis—Patient Care**

![Graph](image)

**2. Medical Knowledge - Pediatric Orthopaedics Idiopathic Scoliosis—Medical Knowledge**

![Graph](image)

**3. Patient Care - Pediatric Orthopaedics developmental dysplasia of hip [DDH] prior to walking age—Patient Care**

![Graph](image)

**4. Medical Knowledge - Pediatric Orthopaedics developmental dysplasia of hip [DDH] prior to walking age—Medical Knowledge**

![Graph](image)

**5. Patient Care - Pediatric Orthopaedics slipped capital femoral epiphysis [SCFE]—Patient Care**

![Graph](image)

**6. Medical Knowledge - Pediatric Orthopaedics slipped capital femoral epiphysis [SCFE]—Medical Knowledge**

![Graph](image)

Note: Please reference milestone narrative for full text.
Specialty: Pediatric orthopaedics

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

Note: Please reference milestone narrative for full text.
Specialty: **Pediatric orthopaedics**

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 health care delivery—Systems-Based Practice

16. Practice-Based Learning and Improvement - Self-Directed Learning—Practice-Based Learning and Improvement 1. Identifies ...

17. Practice-Based Learning and Improvement - Locates, appraises, and assimilates evidence from scientific ...

18. Professionalism - Demonstrates compassion, integrity, and respect for others, as well as sensitivity and responsiveness ...

Note: Please reference milestone narrative for full text.
Specialty: **Pediatric orthopaedics**

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, ...
Specialty: Osteopathic neuromusculoskeletal medicine

<table>
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<th>Resident Year</th>
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<th>Total Residents</th>
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<tbody>
<tr>
<td># of Residents</td>
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<td>12</td>
<td>23</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 ...

Note: Please reference milestone narrative for full text.
Specialty: **Osteopathic neuromusculoskeletal medicine**

7. Systems-Based Practice - Systems-Based Practice 1: Patient Safety and Advocacy

8. Systems-Based Practice - Systems-Based Practice 2: Practice Management and Economics

9. Practice-Based Learning and Improvement - Practice-based Learning and Improvement 1: Learning and Feedback

10. Practice-Based Learning and Improvement - Practice-based Learning and Improvement 2: Literature Review and Research

11. Professionalism - Professionalism 1: Patient and Community Interactions

12. Professionalism - Professionalism 2: Professional Conduct and Accountability

Note: Please reference milestone narrative for full text.
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

Note: Please reference milestone narrative for full text.
Specialty: Otolaryngology

Resident Year 1 2 3 4 5 Total Residents
# of Residents 331 327 319 315 314 1,606

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

Note: Please reference milestone narrative for full text.
Specialty: **Otolaryngology**

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

Note: Please reference milestone narrative for full text.
Specialty: Otolaryngology

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

Note: Please reference milestone narrative for full text.
Specialty: Neurotology

<table>
<thead>
<tr>
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</tr>
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<tbody>
<tr>
<td># of Residents</td>
<td>17</td>
<td>12</td>
<td>29</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

Note: Please reference milestone narrative for full text.
Specialty: 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

Note: Please reference milestone narrative for full text.
Specialty: Neurotology

13. Interpersonal and Communication Skills - Patient- and Family-centered Care – Interpersonal and Communication Skills

Note: Please reference milestone narrative for full text.
Specialty: Pediatric otolaryngology

<table>
<thead>
<tr>
<th>Resident Year</th>
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<tbody>
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</tbody>
</table>

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

Note: Please reference milestone narrative for full text.
Specialty: **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

Note: Please reference milestone narrative for full text.
Specialty: **Pediatric otolaryngology**

13. Interpersonal and Communication Skills - Patient- and Family-centered Care — Interpersonal and Communication Skills

Note: Please reference milestone narrative for full text.
Specialty: Pathology-anatomic and clinical

Resident Year | 1 | 2 | 3 | 4 | Total Residents
--- | --- | --- | --- | --- | ---
# of Residents | 634 | 611 | 595 | 505 | 2,345

1. Patient Care - PC1: Consultation: Analyzes, appraises, formulates, generates, and effectively reports ...

2. Patient Care - PC2: Interpretation and reporting: Analyzes data, appraises, formulates, and generates ...

3. Patient Care - PC3: Interpretation and diagnosis: Demonstrates knowledge and practices interpretation ...

4. Patient Care - PC4: Reporting: Analyzes data, appraises, formulates, and generates effective and timely reports (AP)

5. Patient Care - PC5: Procedure: Surgical Pathology grossing: Demonstrates attitudes, knowledge, and practices ...

6. Patient Care - PC6: Procedure: intraoperative consultation/ frozen sections: Demonstrates attitudes, ...

Note: Please reference milestone narrative for full text.
Specialty: Pathology-anatomic and clinical

7. Patient Care - PC7: Procedures: If program teaches other procedures (e.g., bone marrow aspiration, apheresis, ...

8. Medical Knowledge - MK1: Diagnostic Knowledge: Demonstrates attitudes, knowledge, and practices that ...

9. Medical Knowledge - MK2: Teaching: Demonstrates ability to interpret, synthesize, and summarize knowledge; ...

10. Medical Knowledge - MK3: Procedure: Autopsy: Demonstrates knowledge and practices that enable proficient performance of ...

11. Systems-Based Practice - SBP1: Patient safety: Demonstrates attitudes, knowledge, and practices that ...

12. Systems-Based Practice - SBP2: Lab Management: Regulatory and compliance: Explains, recognizes, summarizes, and is able ...

Note: Please reference milestone narrative for full text.
Specialty:  **Pathology-anatomic and clinical**

13. Systems-Based Practice - SBP3: Lab Management: Resource Utilization (personnel and finance): Explains, ...

14. Systems-Based Practice - SBP4: Lab Management: Quality, risk management, and laboratory safety: Explains, ...

15. Systems-Based Practice - SBP5: Lab Management: Test utilization: Explains, recognizes, summarizes, and is able to apply ...

16. Systems-Based Practice - SBP6: Lab Management: Technology assessment: Explains, recognizes, summarizes, ...

17. Systems-Based Practice - SBP7: Informatics: Explains, discusses, classifies, and applies clinical informatics (AP/CP)

18. Practice-Based Learning and Improvement - PBLI1: Recognition of errors and discrepancies: Displays attitudes, ...

Note: Please reference milestone narrative for full text.
 Specialty: **Pathology-anatomic and clinical**

19. Practice-Based Learning and Improvement - PBLI2: Scholarly Activity: Analyzes and appraises pertinent ...

20. Professionalism - PROF1: Licensing, certification, examinations, credentialing: Demonstrates attitudes ...

21. Professionalism - PROF2: Professionalism: Demonstrates honesty, integrity, and ethical behavior (AP/CP)

22. Professionalism - PROF3: Professionalism: Demonstrates responsibility and follow-through on tasks (AP/CP)

23. Professionalism - PROF4: Professionalism: Gives and receives feedback (AP/CP)

24. Professionalism - PROF5: Professionalism: Demonstrates responsiveness to each patient’s unique characteristics ...

Note: Please reference milestone narrative for full text.
Specialty: **Pathology-anatomic and clinical**

25. Professionalism - PROF6: Professionalism: Demonstrates personal responsibility to maintain emotional, ...

26. Interpersonal and Communication Skills - ICS1: Intradepartmental interactions and development of leadership ...

27. Interpersonal and Communication Skills - ICS2: Interdepartmental and Healthcare Clinical Team interactions: ...

Note: Please reference milestone narrative for full text.
Specialty: Blood banking/transfusion medicine

Resident Year | 1 | Total Residents | 50
---|---|---|---

1. Patient Care - PC1 — Consultation

2. Patient Care - PC2 — Interpretation, Reporting, and Diagnosis

3. Patient Care - PC3 — Procedures

4. Medical Knowledge - MK1 — Fundamental and Diagnostic Knowledge

5. Medical Knowledge - MK2 — Apheresis

6. Systems-Based Practice - SBP1 — Regulatory

Note: Please reference milestone narrative for full text.
Specialty: Blood banking/transfusion medicine

7. Systems-Based Practice - SBP2 — Health Care Teams

8. Systems-Based Practice - SBP3 — Lab Management: Resource Utilization (personnel and finance)

9. Practice-Based Learning and Improvement - PBLI1 — Evidence-based Utilization

10. Practice-Based Learning and Improvement - PBLI2 — Process Improvement and Patient Safety

11. Practice-Based Learning and Improvement - PBLI3 — Research and Scholarly Activity

12. Professionalism - PROF1 — Receiving and Providing Feedback

Note: Please reference milestone narrative for full text.
Specialty: Blood banking/transfusion medicine

13. Professionalism - PROF2 — Accountability, Honesty, and Integrity

14. Professionalism - PROF3 — Cultural Competency

15. Interpersonal and Communication Skills - ICS1 — Communication with Health Care Providers, Families, ...


Note: Please reference milestone narrative for full text.
Specialty: Cytopathology

1. Patient Care - PC1 — Patient safety: Demonstrates attitudes, knowledge, and practices that contribute ...

2. Patient Care - PC2 — Procedure: Performing fine needle aspiration biopsies: Demonstrates attitudes, ...

3. Medical Knowledge - MK1 — Interpretation and Diagnostic Knowledge: Demonstrates attitudes, knowledge, ...

4. Medical Knowledge - MK2 — Interpretation and Diagnostic Knowledge: Demonstrates attitudes, knowledge, ...

5. Systems-Based Practice - SBP1 — Regulatory and Compliance: Manages accreditation

6. Systems-Based Practice - SBP2 — Health care teams

Note: Please reference milestone narrative for full text.
Specialty: **Cytopathology**

7. Systems-Based Practice - SBP3 — Lab Management: Utilizes resources (personnel and finance)

8. Systems-Based Practice - SBP4 — Lab Management: Technical Management

9. Systems-Based Practice - SBP5 — Lab Management: Quality, Risk Management and Laboratory Safety: Explains, ...

10. Practice-Based Learning and Improvement - PBLI1 — Scholarly Activity: Analyzes and appraises pertinent ...

11. Practice-Based Learning and Improvement - PBLI2 — Evidence-based Utilization

12. Professionalism - PROF1 — Receives and provides feedback

Note: Please reference milestone narrative for full text.
Specialty: Cytopathology

13. Professionalism - PROF2 — Demonstrates accountability, honesty, and integrity

14. Professionalism - PROF3 — Demonstrates cultural competency

15. Professionalism - PROF4 — Professionalism: Demonstrates personal responsibility to maintain emotional, ...

16. Interpersonal and Communication Skills - ICS1 — Communicates with health care providers, families, and patients (as applicable)

17. Interpersonal and Communication Skills - ICS2 — Demonstrates personnel management and conflict resolution

18. Interpersonal and Communication Skills - ICS3 — Intra- and Interdepartmental and Health Care Clinical ...

Note: Please reference milestone narrative for full text.
Specialty: Forensic pathology

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

1. Patient Care - PC1 — Patient safety: Demonstrates attitudes, knowledge, and practices that contribute to patient safety

2. Patient Care - PC2 — Procedure: Autopsy: Demonstrates attitudes, knowledge, and practices that enables ...

3. Medical Knowledge - MK1 — Interpretation and Diagnostic Knowledge: Understands the types of cases most ...

4. Medical Knowledge - MK2 — Interpretation and Diagnostic Knowledge: Demonstrates attitudes, knowledge, ...

5. Medical Knowledge - MK3 — Recognition and Reporting of Autopsy Findings: Demonstrates attitudes, knowledge, ...

6. Systems-Based Practice - SBP1 — Lab Management: Regulatory and compliance: Explains, recognizes, summarizes, ...

Note: Please reference milestone narrative for full text.
Specialty: Forensic pathology

7. Systems-Based Practice - SBP2 — Lab Management: Quality, risk management, and laboratory safety: Explains, ...

8. Systems-Based Practice - SBP3 — Interagency Interaction: Demonstrates attitudes, knowledge, and practices ...

9. Systems-Based Practice - SBP4 — Scene Investigation: Demonstrates attitudes, knowledge, and practices ...

10. Practice-Based Learning and Improvement - PBLI1 — Recognition of Errors and Discrepancies: Displays ...

11. Practice-Based Learning and Improvement - PBLI2 — Scholarly Activity: Analyzes and appraises pertinent ...

12. Professionalism - PROF1 — Professionalism: Demonstrates honesty, integrity, and ethical behavior

Note: Please reference milestone narrative for full text.
Specialty: Forensic pathology

13. Professionalism - PROF2 — Professionalism: Demonstrates responsibility and follow-through on tasks

14. Professionalism - PROF3 — Professionalism: Giving and receiving feedback

15. Professionalism - PROF4 — Professionalism: Demonstrates responsiveness to each patient's distinct characteristics and needs

16. Professionalism - PROF5 — Professionalism: Demonstrates personal responsibility to maintain emotional...

17. Interpersonal and Communication Skills - ICS1 — Intra- and Interdepartmental and Health Care Clinical/Investigative ...

18. Interpersonal and Communication Skills - ICS2 — Interaction with Others: Seeks help when appropriate

Note: Please reference milestone narrative for full text.
Specialty: **Hematopathology**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>133</td>
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</tr>
</tbody>
</table>

1. Patient Care - PC1 — Consultation: Analyzes, appraises, formulates, generates, and effectively reports consultation

2. Patient Care - PC2 — Reporting: Integrates complex data to generate accurate, complete but concise, ...

3. Patient Care - PC3 — Procedure: Performing bone marrow aspiration and biopsy

4. Medical Knowledge - MK1 — Interpretation of clinical laboratory hematology testing

5. Medical Knowledge - MK2 — Teaching

6. Medical Knowledge - MK3 — Interprets and demonstrates diagnostic knowledge for tissue-based specimens ...

Note: Please reference milestone narrative for full text.
Specialty: **Hematopathology**

7. Medical Knowledge - MK4 — Hematology Knowledge: Demonstrates attitudes, knowledge, and practices that...

8. Systems-Based Practice - SBP1 — Regulatory

9. Systems-Based Practice - SBP2 — Health care teams

10. Systems-Based Practice - SBP3 — Lab Management: Resource Utilization (personnel and finance)

11. Systems-Based Practice - SBP4 — Lab Management: Test Utilization: Explains, recognizes, summarizes, ...

12. Practice-Based Learning and Improvement - PBLI1 — Scholarly Activity

Note: Please reference milestone narrative for full text.
Specialty: Hematopathology

13. Practice-Based Learning and Improvement - PBLI2 — Evidence-based Utilization

14. Practice-Based Learning and Improvement - PBLI3 — Process Improvement and Patient Safety

15. Professionalism - PROF1 — Receives and provides feedback

16. Professionalism - PROF2 — Demonstrates accountability, honesty, and integrity

17. Professionalism - PROF3 — Cultural Competency

18. Interpersonal and Communication Skills - ICS1 — Communicates with health care providers, families, and patients

Note: Please reference milestone narrative for full text.
Specialty: **Hematopathology**


Note: Please reference milestone narrative for full text.
Specialty: Neuropathology

<table>
<thead>
<tr>
<th>Resident Year</th>
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<tbody>
<tr>
<td># of Residents</td>
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<td>16</td>
<td>48</td>
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</table>

1. Patient Care - PC1 — Procedure: Autopsy (General)

2. Patient Care - PC2 — Procedure: Autopsy (Gross)

3. Patient Care - PC3 — Procedure: Autopsy (Microscopic and reporting)

4. Patient Care - PC4 — Procedure: Surgical (Gross)

5. Patient Care - PC5 — Procedure: Surgical (Microscopic and reporting)

6. Patient Care - PC6 — Procedure: Intraoperative Consultation

Note: Please reference milestone narrative for full text.
Specialty: Neuropathology

7. Medical Knowledge - MK1 — Diagnostic Knowledge

8. Medical Knowledge - MK2 — Teaching

9. Systems-Based Practice - SBP1 — Regulatory

10. Systems-Based Practice - SBP2 — Health Care Teams

11. Systems-Based Practice - SBP3 — Lab Management: Resource Utilization (personnel and finance)

12. Practice-Based Learning and Improvement - PBLI1 — Evidence-based Utilization

Note: Please reference milestone narrative for full text.
Specialty: **Neuropathology**

13. **Practice-Based Learning and Improvement - PBLI2 — Process Improvement and Patient Safety**

14. **Practice-Based Learning and Improvement - PBLI3 — Scholarly Activity**

15. **Professionalism - PROF1 — Receiving and Providing Feedback**

16. **Professionalism - PROF2 — Accountability, Honesty, and Integrity**

17. **Professionalism - PROF3 — Cultural Competency**

18. **Interpersonal and Communication Skills - ICS1 — Communication with Health Care Providers, Families, and Patients (as applicable)**

Note: Please reference milestone narrative for full text.
Specialty: Neuropathology


Note: Please reference milestone narrative for full text.
Specialty: Pediatric pathology

<table>
<thead>
<tr>
<th>Resident Year</th>
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</tr>
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<tbody>
<tr>
<td># of Residents</td>
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1. Patient Care - PC1 — Procedure: Surgical Pathology Grossing

2. Patient Care - PC2 — Procedure: intraoperative Consultation/Frozen Sections

3. Patient Care - PC3 — Procedure: Autopsy

4. Patient Care - PC4 — Reporting

5. Medical Knowledge - MK1 — Knowledge of Perinatal and Pediatric Diseases

6. Medical Knowledge - MK2 — Application of Knowledge of Perinatal and Pediatric Diseases to Clinical Situations

Note: Please reference milestone narrative for full text.
Specialty: **Pediatric pathology**

7. Medical Knowledge - MK3 — Application of Clinical Laboratory Testing

8. Systems-Based Practice - SBP1 — Regulatory and Compliance: Accreditation Management

9. Systems-Based Practice - SBP2 — Health Care teams

10. Systems-Based Practice - SBP3 — Lab Management: Resource Utilization (personnel and finance)

11. Practice-Based Learning and Improvement - PBLI1 — Evidence-based Utilization

12. Practice-Based Learning and Improvement - PBLI2 — Process Improvement and Patient Safety

Note: Please reference milestone narrative for full text.
Specialty: **Pediatric pathology**

13. Professionalism - PROF1 — Receiving and Providing Feedback

14. Professionalism - PROF2 — Accountability, Honesty, and Integrity

15. Professionalism - PROF3 — Cultural Competency

16. Interpersonal and Communication Skills - ICS1 — Communication with Health Care Providers, Families, and Patients (as applicable)

17. Interpersonal and Communication Skills - ICS2 — Personnel Management and Conflict Resolution

Note: Please reference milestone narrative for full text.
Specialty: **Selective pathology (Surgical)**

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

1. Patient Care - PC1A — Patient Care and Procedural Skills: Surgical pathology grossing and histologic exam: Demonstrates ...

2. Medical Knowledge - MK1A — Demonstrates knowledge of established and evolving biomedical, clinical, ...

3. Medical Knowledge - MK2A,B — Procedure: intraoperative consultation/frozen sections: Demonstrates attitudes, knowledge, ...

4. Systems-Based Practice - SBP1 — Regulatory

5. Systems-Based Practice - SBP2 — Health care teams

6. Systems-Based Practice - SBP3 — Lab Management: Resource Utilization (personnel and finance)

Note: 3 of 87 residents have a status of "Not Applicable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

Specialty: Selective pathology (Surgical)

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

8. Practice-Based Learning and Improvement - PBLI2 — Process Improvement and Patient Safety

Note: 1 of 87 residents have a status of "Not Applicable" and are not included in the analysis.

9. Practice-Based Learning and Improvement - PBLI3 — Fellows’ Scholarly Activity

10. Practice-Based Learning and Improvement - PBLI4A — Laboratory Management (Applies only to Track A: Surgical Pathology)

Note: 10 of 87 residents have a status of "Not Applicable" and are not included in the analysis.

11. Professionalism - PROF1 — Receives and provides feedback

12. Professionalism - PROF2 — Demonstrates accountability, honesty, and integrity

Note: Please reference milestone narrative for full text.
Specialty: Selective pathology (Surgical)

13. Professionalism - PROF3 — Demonstrates cultural competency

14. Interpersonal and Communication Skills - ICS1 — Communicates with health care providers, families, and patients (as applicable)

15. Interpersonal and Communication Skills - ICS2 — Personnel Management and Conflict Resolution

Note: Please reference milestone narrative for full text.
Specialty: **Selective pathology (Focused Anatomic)**

<table>
<thead>
<tr>
<th>Resident Year</th>
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</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>79</td>
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</tr>
</tbody>
</table>

1. **Patient Care - PC1B** — Patient Care and Procedural Skills: Surgical pathology grossing and histologic exam: Demonstrates ...

![Graph](image1)

2. **Medical Knowledge - MK1B** — Demonstrates knowledge of established and evolving biomedical, clinical, ...

![Graph](image2)

Note: 1 of 79 residents have a status of "Not Applicable" and are not included in the analysis.

3. **Medical Knowledge - MK2A,B** — Procedure: intraoperative consultation/frozen sections: Demonstrates attitudes, knowledge, ...

![Graph](image3)

Note: 13 of 79 residents have a status of "Not Applicable" and are not included in the analysis.

4. **Systems-Based Practice - SBP1** — Regulatory

![Graph](image4)

5. **Systems-Based Practice - SBP2** — Health care teams

![Graph](image5)

Note: Please reference milestone narrative for full text.

6. **Systems-Based Practice - SBP3** — Lab Management: Resource Utilization (personnel and finance)

![Graph](image6)

Note: Please reference milestone narrative for full text.
Specialty: Selective pathology (Focused Anatomic)

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

8. Practice-Based Learning and Improvement - PBLI2 — Process Improvement and Patient Safety

9. Practice-Based Learning and Improvement - PBLI3 — Fellows’ Scholarly Activity

10. Practice-Based Learning and Improvement - PBLI4B — Laboratory Management (Applies only to Track B: Focused Anatomic Pathology)

11. Professionalism - PROF1 — Receives and provides feedback

12. Professionalism - PROF2 — Demonstrates accountability, honesty, and integrity

Note: 6 of 79 residents have a status of "Not Applicable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Selective pathology (Focused Anatomic)**

13. Professionalism - PROF3 — Demonstrates cultural competency

14. Interpersonal and Communication Skills - ICS1 — Communicates with health care providers, families, and patients (as applicable)

15. Interpersonal and Communication Skills - ICS2 — Personnel Management and Conflict Resolution

Note: Please reference milestone narrative for full text.
## Specialty:  **Selective pathology (Focused Clinical)**

### Resident Year 1

<table>
<thead>
<tr>
<th># of Residents</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>4</td>
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</tbody>
</table>

1. **Patient Care - PC1C — Patient Care and Procedural Skills (Applies only to Track C: Focused Clinical Pathology)**

2. **Medical Knowledge - MK1C — Demonstrates knowledge of established and evolving biomedical, clinical, epidemiological and ...**

3. **Systems-Based Practice - SBP1 — Regulatory**

4. **Systems-Based Practice - SBP2 — Health care teams**

5. **Systems-Based Practice - SBP3 — Lab Management: Resource Utilization (personnel and finance)**

6. **Practice-Based Learning and Improvement - PBLI1 — Evidence-based Utilization**

Note: Please reference milestone narrative for full text.
Specialty: Selective pathology (Focused Clinical)

7. Practice-Based Learning and Improvement - PBLI2 — Process Improvement and Patient Safety

[Graph showing Level 1 to Level 5 across Resident Year]

8. Practice-Based Learning and Improvement - PBLI3 — Fellows’ Scholarly Activity

[Graph showing Level 1 to Level 5 across Resident Year]

9. Practice-Based Learning and Improvement - PBLI4C — Laboratory Management (Applies only to Track C: Focused Clinical Pathology)

[Graph showing Level 1 to Level 5 across Resident Year]

10. Professionalism - PROF1 — Receives and provides feedback

[Graph showing Level 1 to Level 5 across Resident Year]

11. Professionalism - PROF2 — Demonstrates accountability, honesty, and integrity

[Graph showing Level 1 to Level 5 across Resident Year]

12. Professionalism - PROF3 — Demonstrates cultural competency

[Graph showing Level 1 to Level 5 across Resident Year]

Note: Please reference milestone narrative for full text.
Specialty: Selective pathology (Focused Clinical)

13. Interpersonal and Communication Skills - ICS1 — Communicates with health care providers, families, and patients (as applicable)


Note: Please reference milestone narrative for full text.
Specialty: Pediatrics

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents</th>
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<tr>
<td># of Residents</td>
<td>3,174</td>
<td>3,112</td>
<td>2,908</td>
<td>9,194</td>
</tr>
</tbody>
</table>

1. Patient Care - Gather essential and accurate information about the patient (PC1)

Note: 45 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

2. Patient Care - Organize and prioritize responsibilities to provide patient care that is safe, effective and efficient (PC2)

Note: 95 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

3. Patient Care - Provide transfer of care that ensures seamless transitions (PC3)

Note: 178 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

4. Patient Care - Make informed diagnostic and therapeutic decisions that result in optimal clinical judgement (PC4)

Note: 77 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

5. Patient Care - Develop and carry out management plans (PC5)

Note: 92 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

6. Medical Knowledge - Critically evaluate and apply current medical information and scientific evidence for patient care (MK1)

Note: 19 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Pediatrics

7. Systems-Based Practice - Coordinate patient care within the health care system relevant to their clinical specialty (SBP1)

Note: 104 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

8. Systems-Based Practice - Advocate for quality patient care and optimal patient care systems (SBP2)

Note: 341 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

9. Systems-Based Practice - Work in interprofessional teams to enhance patient safety and improve patient care quality (SBP3)

Note: 68 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

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

Note: 67 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

11. Practice-Based Learning and Improvement - Identify and perform appropriate learning activities to guide ...

Note: 124 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

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

Note: 653 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Pediatrics

13. Practice-Based Learning and Improvement - Incorporate formative evaluation feedback into daily practice (PBLI4)

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year: 1 2 3

Note: 53 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

14. Professionalism - Demonstrate humanism, compassion, integrity, and respect for others; based on the ...

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year: 1 2 3

Note: 100 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

15. Professionalism - Professionalization: A sense of duty and accountability to patients, society, and the profession (PROF2)

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year: 1 2 3

Note: 130 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

16. Professionalism - Professional Conduct: High standards of ethical behavior which includes maintaining ...

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year: 1 2 3

Note: 112 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

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

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year: 1 2 3

Note: 120 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

18. Professionalism - Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients (PROF5)

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year: 1 2 3

Note: 135 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Pediatrics

19. Professionalism - Recognize that ambiguity is part of clinical medicine and to recognize the need for ...

20. Interpersonal and Communication Skills - Communicate effectively with patients, families, and the public, ...

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

Note: 187 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

Note: 78 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

Note: 127 of 9,194 residents have a status of "Not yet assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Adolescent medicine

Resident Year | 1 | 2 | 3 | Total Residents | # of Residents | 33 | 33 | 23 | 89

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

Note: 6 of 89 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

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: Please reference milestone narrative for full text.
Specialty: 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 - 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: Please reference milestone narrative for full text.
Specialty:  Adolescent medicine

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: 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

Note: Please reference milestone narrative for full text.
Specialty: Child abuse pediatrics

Resident Year | 1 | 2 | 3 | Total Residents
# of Residents | 14 | 10 | 12 | 36

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

Note: 1 of 36 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 36 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 36 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 36 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 36 residents have a status of "Not Yet Assessable" and are not included in the analysis.

6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...

Note: 1 of 36 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
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: 1 of 36 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Child abuse pediatrics

13. Practice-Based Learning and Improvement - PBLI

- Use information technology to optimize learning and care delivery

Note: 1 of 36 residents have a status of "Not Yet Assessable" and are not included in the analysis.

14. Practice-Based Learning and Improvement - PBLI

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

Note: 1 of 36 residents have a status of "Not Yet Assessable" and are not included in the analysis.

15. Professionalism - PROF

- Professional Conduct: High standards of ethical behavior which includes maintaining ...

Note: 1 of 36 residents have a status of "Not Yet Assessable" and are not included in the analysis.

16. Professionalism - PROF

- Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients

Note: 1 of 36 residents have a status of "Not Yet Assessable" and are not included in the analysis.

17. Professionalism - PROF

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

Note: 2 of 36 residents have a status of "Not Yet Assessable" and are not included in the analysis.

18. Professionalism - PROF

- The capacity to accept that ambiguity is part of clinical medicine and to recognize ...

Note: 1 of 36 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **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  

Note: 1 of 36 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
## Specialty: 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>42</td>
<td>32</td>
<td>34</td>
<td>108</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

Note: 2 of 108 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

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: Please reference milestone narrative for full text.
Specialty: 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 - 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: Please reference milestone narrative for full text.
Specialty: Developmental-behavioral pediatrics

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

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

15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining ...

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

Note: Please reference milestone narrative for full text.
Specialty: **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: 2 of 108 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: 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>262</td>
<td>257</td>
<td>244</td>
<td>763</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 763 residents have a status of “Not Yet Assessable” and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Neonatal-perinatal medicine

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

Note: 2 of 763 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 4 of 763 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 28 of 763 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Neonatal-perinatal medicine

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

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

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 ...
Specialty: 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: Please reference milestone narrative for full text.
Specialty: **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>155</td>
<td>145</td>
<td>138</td>
<td>438</td>
</tr>
</tbody>
</table>

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

Note: 2 of 438 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: 2 of 438 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: 2 of 438 residents have a status of "Not Yet Assessable" and are not included in the analysis.

### 4. Patient Care - PC4. Provide appropriate role modeling

Note: 4 of 438 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: 2 of 438 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: 2 of 438 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Pediatric cardiology**

7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty

![Graph showing milestone distribution](image1)

Note: 2 of 438 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

![Graph showing milestone distribution](image2)

Note: 8 of 438 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

![Graph showing milestone distribution](image3)

Note: 2 of 438 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

![Graph showing milestone distribution](image4)

Note: 4 of 438 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

![Graph showing milestone distribution](image5)

Note: 2 of 438 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

![Graph showing milestone distribution](image6)

Note: 5 of 438 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Pediatric cardiology

13. Practice-Based Learning and Improvement - PBLI 3. Use information technology to optimize learning and care delivery

Note: 2 of 438 residents have a status of "Not Yet Assessable" and are not included in the analysis.

14. Practice-Based Learning and Improvement - PBLI 4. Participate in the education of patients, families, ...

Note: 3 of 438 residents have a status of "Not Yet Assessable" and are not included in the analysis.

15. Professionalism - PROF 1. Professional Conduct: High standards of ethical behavior which includes maintaining ...

Note: 2 of 438 residents have a status of "Not Yet Assessable" and are not included in the analysis.

16. Professionalism - PROF 2. Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients

Note: 2 of 438 residents have a status of "Not Yet Assessable" and are not included in the analysis.

17. Professionalism - PROF 3. Provide leadership skills that enhance team functioning, the learning environment, ...

Note: 3 of 438 residents have a status of "Not Yet Assessable" and are not included in the analysis.

18. Professionalism - PROF 4. The capacity to accept that ambiguity is part of clinical medicine and to recognize ...

Note: 2 of 438 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Note: Please reference milestone narrative for full text.
Specialty: Pediatric critical care medicine

Resident Year | 1 | 2 | 3 | Total Residents
--- | --- | --- | --- | ---
# of Residents | 195 | 170 | 155 | 520

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 520 residents have a status of "Not Yet Assessable" and are not included in the analysis.
Specialty: Pediatric critical care medicine

7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty

Level 1 Level 2 Level 3 Level 4 Level 5

Resident Year

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

Level 1 Level 2 Level 3 Level 4 Level 5

Resident Year

Note: 1 of 520 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

Level 1 Level 2 Level 3 Level 4 Level 5

Resident Year

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

Level 1 Level 2 Level 3 Level 4 Level 5

Resident Year

Note: 1 of 520 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

Level 1 Level 2 Level 3 Level 4 Level 5

Resident Year

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

Level 1 Level 2 Level 3 Level 4 Level 5

Resident Year

Note: Please reference milestone narrative for full text.
Specialty: Pediatric critical care medicine

13. Practice-Based Learning and Improvement - PBLI

14. Practice-Based Learning and Improvement - PBLI

15. Professionalism - PROF

16. Professionalism - PROF

17. Professionalism - PROF

18. Professionalism - PROF

Note: Please reference milestone narrative for full text.
Specialty: 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  

Note: Please reference milestone narrative for full text.
Specialty: Pediatric emergency medicine (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>145</td>
<td>138</td>
<td>110</td>
<td>393</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 ...

Note: 1 of 393 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Pediatric emergency medicine (Pediatrics)

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

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year

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

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year

Note: 1 of 393 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year

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

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year

Note: 2 of 393 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year

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

Level 5
Level 4
Level 3
Level 2
Level 1

Resident Year

Note: 8 of 393 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Pediatric emergency medicine (Pediatrics)**

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

![Graph showing distribution of milestones for SBP1 across resident years.

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

![Graph showing distribution of milestones for SBP2 across resident years.

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

![Graph showing distribution of milestones for PBLI1 across resident years.

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

![Graph showing distribution of milestones for professionalism across resident years.

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

![Graph showing distribution of milestones for professionalism across resident years.

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

![Graph showing distribution of milestones for professionalism across resident years.

Note: 1 of 393 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Pediatric emergency medicine (Pediatrics)

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

Note: Please reference milestone narrative for full text.
Specialty: Pediatric Endocrinology

Resident Year | 1 | 2 | 3 | Total Residents
---|---|---|---|---
# of Residents | 84 | 85 | 75 | 244

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: Please reference milestone narrative for full text.
Specialty: Pediatric endocrinology

7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty

9. Systems-Based Practice - SBP4. Work in interprofessional teams to enhance patient safety and improve patient care quality

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

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

Note: 3 of 244 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 7 of 244 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Note: 1 of 244 residents have a status of "Not Yet Assessable" and are not included in the analysis.
Specialty: 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 

Note: Please reference milestone narrative for full text.
Specialty: 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>110</td>
<td>99</td>
<td>94</td>
<td>303</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: Please reference milestone narrative for full text.
Specialty: **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 303 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 2 of 303 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Pediatric gastroenterology

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: Please reference milestone narrative for full text.
Specialty: **Pediatric gastroenterology**

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: Please reference milestone narrative for full text.
Specialty: Pediatric hematology/oncology

Resident Year | 1 | 2 | 3 | Total Residents
--- | --- | --- | --- | ---
# of Residents | 173 | 164 | 166 | 503

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: 13 of 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 4 of 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 4 of 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 3 of 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 6 of 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Pediatric hematology/oncology

7. Systems-Based Practice - SBP2. Coordinate patient care within the health care system relevant to their clinical specialty

![Box plot for Level 1 to Level 5 residents across years 1 to 3.]

Note: 4 of 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

![Box plot for Level 1 to Level 5 residents across years 1 to 3.]

Note: 8 of 503 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

![Box plot for Level 1 to Level 5 residents across years 1 to 3.]

Note: 4 of 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

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

![Box plot for Level 1 to Level 5 residents across years 1 to 3.]

Note: 11 of 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

11. Practice-Based Learning and Improvement - PBLI1. Identify strengths, deficiencies, and limits in one's knowledge and expertise

![Box plot for Level 1 to Level 5 residents across years 1 to 3.]

Note: 3 of 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

12. Practice-Based Learning and Improvement - PBLI2. Systematically analyze practice using quality improvement methods, and ...

![Box plot for Level 1 to Level 5 residents across years 1 to 3.]

Note: 15 of 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Pediatric hematology/oncology

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

Note: 5 of 503 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: 3 of 503 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: 3 of 503 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: 3 of 503 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: 3 of 503 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 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: 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: 3 of 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 4 of 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 4 of 503 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: 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>69</td>
<td>60</td>
<td>44</td>
<td>173</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: Please reference milestone narrative for full text.
Specialty: 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: Please reference milestone narrative for full text.
Specialty: **Pediatric infectious diseases**

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

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

15. Professionalism - PROF1. Professional Conduct: High standards of ethical behavior which includes maintaining ...

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: Please reference milestone narrative for full text.
Specialty: Pediatric infectious diseases

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

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

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

Note: Please reference milestone narrative for full text.
### Specialty: 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>38</td>
<td>34</td>
<td>31</td>
<td>103</td>
</tr>
</tbody>
</table>

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

![Box plot 1](image1)

2. Patient Care - PC2. Make informed diagnostic and therapeutic decisions that result in optimal clinical judgment

![Box plot 2](image2)

3. Patient Care - PC3. Develop and carry out management plans

![Box plot 3](image3)

4. Patient Care - PC4. Provide appropriate role modeling

![Box plot 4](image4)

5. Medical Knowledge - MK1. Locate, appraise, and assimilate evidence from scientific studies related to ...

![Box plot 5](image5)

6. Systems-Based Practice - SBP1. Work effectively in various health care delivery settings and systems ...

![Box plot 6](image6)

Note: Please reference milestone narrative for full text.
Specialty: **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 ...

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

Note: 5 of 103 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: 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, ...

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

Note: Please reference milestone narrative for full text.
Specialty: **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 ...  

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

Note: Please reference milestone narrative for full text.
Specialty: **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>58</td>
<td>59</td>
<td>41</td>
<td>158</td>
</tr>
</tbody>
</table>

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

![Box plot for Resident Year 1, 2, 3](image1)

Note: 1 of 158 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

![Box plot for Resident Year 1, 2, 3](image2)

Note: 1 of 158 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

![Box plot for Resident Year 1, 2, 3](image3)

Note: 1 of 158 residents have a status of "Not Yet Assessable" and are not included in the analysis.

4. Patient Care - PC4. Provide appropriate role modeling

![Box plot for Resident Year 1, 2, 3](image4)

Note: 1 of 158 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 ...

![Box plot for Resident Year 1, 2, 3](image5)

Note: 2 of 158 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 ...

![Box plot for Resident Year 1, 2, 3](image6)

Note: 1 of 158 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: 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 ...

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: Please reference milestone narrative for full text.
Specialty: Pediatric pulmonology

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

Note: Please reference milestone narrative for full text.
19. Interpersonal and Communication Skills - ICS1. Communicate effectively with physicians, other health professionals, and ... Note: 1 of 158 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 ... Note: 1 of 158 residents have a status of "Not Yet Assessable" and are not included in the analysis.

21. Interpersonal and Communication Skills - ICS3. Act in a consultative role to other physicians and health professionals Note: 1 of 158 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
**Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018**

**Specialty:** 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>36</td>
<td>28</td>
<td>24</td>
<td>88</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 88 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: 4 of 88 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: 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 - 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: 4 of 88 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: 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 ...

Note: 1 of 88 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: 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

Note: Please reference milestone narrative for full text.
### Specialty: Pediatric Sports Medicine

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

#### Milestones Evaluation by Resident Year: Year-End 2017-2018

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

   ![Level 1 to 5 Chart](chart1.png)

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

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

   ![Level 1 to 5 Chart](chart2.png)

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

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

   ![Level 1 to 5 Chart](chart3.png)

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

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

   ![Level 1 to 5 Chart](chart4.png)

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

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

   ![Level 1 to 5 Chart](chart5.png)

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

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

   ![Level 1 to 5 Chart](chart6.png)

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

Note: Please reference milestone narrative for full text.
Specialty: Pediatric sports 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 — ...

Note: Please reference milestone narrative for full text.
Specialty: **Pediatric sports medicine**

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

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

Note: Please reference milestone narrative for full text.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

Specialty: **Pediatric transplant hepatology**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>13</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: Please reference milestone narrative for full text.
Specialty: 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 ...

Note: Please reference milestone narrative for full text.
Specialty: Pediatric transplant hepatology

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

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

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

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

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

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

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

Note: Please reference milestone narrative for full text.
Specialty: 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 ... 

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

Note: Please reference milestone narrative for full text.
Specialty: **Physical medicine and rehabilitation**

<table>
<thead>
<tr>
<th>Post Graduate Year</th>
<th>1</th>
<th>2</th>
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<tbody>
<tr>
<td># of Residents</td>
<td>120</td>
<td>439</td>
<td>411</td>
<td>381</td>
<td>1,351</td>
</tr>
</tbody>
</table>

1. Patient Care - PC1. History (Appropriate for age and impairment)

2. Patient Care - PC2. Physiatric Physical Examination (including general medical, neurologic, musculoskeletal, ...)

3. Patient Care - PC3. Diagnostic Evaluation This includes: • Differential diagnosis of primary and secondary conditions ...

4. Patient Care - PC4. Medical Management This includes inpatient, outpatient, and consultative management of: • Current ...

5. Patient Care - PC5. Rehabilitation/Functional Management Includes rehabilitation interventions in inpatient, ...

6. Patient Care - PC6. Procedural Skills (not including axial injections) This includes: • Joint and ...

Note: Please reference milestone narrative for full text.
Specialty: **Physical medicine and rehabilitation**


8. Medical Knowledge - Medical Knowledge (MK) Physiatric knowledge (medical, functional, and psychosocial) in the care of...

9. Systems-Based Practice - SBP1. Systems thinking: demonstrates awareness of and responsiveness to larger ...

10. Systems-Based Practice - SBP2. Team approach to enhance patient care coordination. Rehabilitation team ...

11. Systems-Based Practice - SBP3. Patient safety: Understands ways to improve health care safety through ...

12. Practice-Based Learning and Improvement - PBLI1. Self-Directed Learning and Teaching • Identify strengths, ...

Note: Please reference milestone narrative for full text.
Specialty: Physical medicine and rehabilitation

13. Practice-Based Learning and Improvement - PBLI.

14. Practice-Based Learning and Improvement - PBLI. Quality Improvement (QI) Residents must actively participate ...

15. Professionalism - PROF.

16. Professionalism - PROF. Knowledge about, respect for, and adherence to the ethical principles (including ...

17. Professionalism - PROF.

18. Interpersonal and Communication Skills - ICS.

Note: Please reference milestone narrative for full text.
Specialty: Physical medicine and rehabilitation

19. Interpersonal and Communication Skills - ICS2. Information gathering and sharing

Note: Please reference milestone narrative for full text.
Specialty: **Brain injury medicine (Physical medicine and rehabilitation)**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>13</th>
</tr>
</thead>
</table>

1. Patient Care - Patient Care – History and Physical Examination of Individuals with Brain Injury

2. Patient Care - Patient Care – Spasticity Interventions (e.g., Chemodenervation, Neurolytic Procedures, ...)

3. Patient Care - Patient Care – Evaluation and Diagnosis of Individuals with Brain Injury across the Entire Spectrum of Severity

4. Patient Care - Patient Care – Medical/Neuropsychiatric Management of Individuals with Brain Injury across ...  

5. Patient Care - Patient Care – Rehabilitation Management of Individuals with Brain Injury

6. Medical Knowledge - Medical Knowledge – Traumatic and Non-traumatic Brain Injury This includes: Epidemiology ...

Note: Please reference milestone narrative for full text.
Specialty: **Brain injury medicine (Physical medicine and rehabilitation)**

7. Medical Knowledge - Medical Knowledge – Functional Outcomes and Assessment across the Entire Spectrum of Brain Injury Severity

8. Systems-Based Practice - Systems-Based Practice – Systems Thinking, including Cost- and Risk-effective Practice

9. Systems-Based Practice - Systems-Based Practice – Work In Interprofessional Teams to Enhance Patient Safety and Patient...

10. Systems-Based Practice - Systems-Based Practice – Coordination and Transitions in Care

11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement – Self-directed Learning...

12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement – Location, Appraisal, ...

Note: Please reference milestone narrative for full text.
Specialty: **Brain injury medicine (Physical medicine and rehabilitation)**

13. Professionalism - Professionalism – Compassion, Integrity, Accountability, and Respect for Self and Others

14. Professionalism - Professionalism – Medical Ethics

15. Interpersonal and Communication Skills - Interpersonal and Communication Skills – Relationship Development, ...


Note: Please reference milestone narrative for full text.
Specialty: Spinal cord injury medicine

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>21</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care – History and Physical Examination of Individuals with Spinal Cord Disorders

2. Patient Care - Patient Care – Diagnostic Evaluation of Individuals with Spinal Cord Disorders

3. Patient Care - Patient Care – Medical/Surgical Management of Individuals with Spinal Cord Disorders

4. Patient Care - Patient Care – Rehabilitation/Functional Management of Individuals with Spinal Cord Disorders

5. Medical Knowledge - Medical Knowledge – Traumatic and Non-Traumatic Spinal Cord Disorders This includes:

6. Medical Knowledge - Medical Knowledge – Functional Outcomes and Interventions

Note: Please reference milestone narrative for full text.
Specialty: **Spinal cord injury medicine**

7. Systems-Based Practice - Systems-Based Practice – Systems Thinking for Individuals with Spinal Cord Disorders...

8. Systems-Based Practice - Systems-Based Practice – Patient Safety for Individuals with Spinal Cord Disorders...

9. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement – Self-Directed Learning and Teaching

10. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement – Locate, Appraise, ...

11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement – Quality Improvement ...

12. Professionalism - Professionalism – Compassion, Integrity, and Respect for Others, as well as Sensitivity ...

Note: Please reference milestone narrative for full text.
13. Professionalism - Professionalism – Professional Behaviors and Accountability to Self, Patients, Society, and the Profession


15. Interpersonal and Communication Skills - Interpersonal and Communication Skills – Information Gathering and Sharing

Note: Please reference milestone narrative for full text.
Specialty: **Pediatric rehabilitation**

<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>12</td>
<td>27</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care – History and Physical Examination for Pediatric Rehabilitation Patients ...  

2. Patient Care - Patient Care – Diagnostic Evaluation of Pediatric Rehabilitation Medicine Patients This ...

3. Patient Care - Patient Care – Medical Management of Pediatric Rehabilitation Medicine Patients This ...

4. Patient Care - Patient Care – Rehabilitation/Functional Management of Pediatric Rehabilitation Medicine ...

5. Patient Care - Patient Care – Procedural Skills in Pediatric Rehabilitation Medicine This includes: ...

6. Medical Knowledge - Medical Knowledge – Physiatric knowledge (medical, functional, and psychosocial) ...

Note: Please reference milestone narrative for full text.
Specialty: Pediatric rehabilitation

7. Medical Knowledge - Medical Knowledge – Growth and Development
This includes: • Personal-social • ...

8. Systems-Based Practice - Systems-Based Practice – Systems Thinking: demonstrates awareness of and responsiveness ...

9. Systems-Based Practice - Systems-Based Practice – Patient Safety: Understands ways to improve health ...

10. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement – Self-directed Learning and Teaching

11. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement – Locates, appraises, ...

12. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement – Quality Improvement ...

Note: Please reference milestone narrative for full text.
Specialty: Pediatric rehabilitation

13. Professionalism - Demonstrates compassion, integrity, and respect for others, as well ...

14. Professionalism - Professional Behaviors and Accountability to Self, Patients, Society, and the Profession

15. Interpersonal and Communication Skills - Relationship Management

16. Interpersonal and Communication Skills - Information Gathering and Sharing

Note: Please reference milestone narrative for full text.
Specialty: **Sports medicine (Physical medicine and rehabilitation)**

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


Note: Please reference milestone narrative for full text.
Specialty: **Sports medicine (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 — ...

Note: Please reference milestone narrative for full text.
Specialty: **Sports medicine (Physical medicine and rehabilitation)**

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

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

Note: Please reference milestone narrative for full text.
Specialty: Plastic surgery

Resident Year | 1 | 2 | 3 | Total Residents
# of Residents | 78 | 87 | 103 | 268

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: 3 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Plastic surgery

7. Patient Care - Congenital Anomalies — Patient Care

Note: 8 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

8. Medical Knowledge - Congenital Anomalies — Medical Knowledge

Note: 7 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Patient Care - Head and Neck — Patient Care

Note: 6 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

10. Medical Knowledge - Head and Neck — Medical Knowledge

Note: 4 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

11. Patient Care - Maxillofacial Trauma — Patient Care

Note: 1 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

12. Medical Knowledge - Maxillofacial Trauma — Medical Knowledge

Note: 2 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty:  **Plastic surgery**

13. Patient Care - Facial Aesthetics — Patient Care

Note: 10 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

14. Medical Knowledge - Facial Aesthetics — Medical Knowledge

Note: 9 of 268 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: 1 of 268 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: 1 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

17. Patient Care - Breast Reconstruction — Patient Care

Note: 1 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

18. Medical Knowledge - Breast Reconstruction — Medical Knowledge

Note: 1 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Plastic surgery

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

Note: 3 of 268 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: 3 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

21. Patient Care - Upper Extremity Trauma — Patient Care

22. Medical Knowledge - Upper Extremity Trauma — Medical Knowledge

Note: 3 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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

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

Note: 3 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Plastic surgery

25. Patient Care - Cosmetic Trunk and Lower Extremity — Patient Care

Note: 2 of 268 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: 1 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

27. Patient Care - Lower Extremity — Patient Care

Note: 3 of 268 residents have a status of "Not Yet Rotated" and are not included in the analysis.

28. Medical Knowledge - Lower Extremity — Medical Knowledge

Note: 3 of 268 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

Note: Please reference milestone narrative for full text.
Specialty: **Plastic surgery**

31. Systems-Based Practice - Practice Management — Systems-Based Practice

32. Practice-Based Learning and Improvement - The ability to investigate and evaluate the care of patients, to appraise and ...

33. Practice-Based Learning and Improvement - Research and Teaching — Practice-Based Learning and Improvement

34. Professionalism - Ethics and Values — Professionalism

35. Professionalism - Personal Accountability — Professionalism

36. Interpersonal and Communication Skills - Interpersonal and Communication Skills

Note: Please reference milestone narrative for full text.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

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>160</td>
<td>153</td>
<td>154</td>
<td>141</td>
<td>121</td>
<td>105</td>
<td>834</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: Please reference milestone narrative for full text.
Specialty: **Plastic Surgery - Integrated**

7. Patient Care - Congenital Anomalies — Patient Care

Note: 140 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

8. Medical Knowledge - Congenital Anomalies — Medical Knowledge

Note: 116 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Patient Care - Head and Neck — Patient Care

Note: 99 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

10. Medical Knowledge - Head and Neck — Medical Knowledge

Note: 96 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

11. Patient Care - Maxillofacial Trauma — Patient Care

Note: 89 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

12. Medical Knowledge - Maxillofacial Trauma — Medical Knowledge

Note: 86 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Plastic Surgery - Integrated

13. Patient Care - Facial Aesthetics — Patient Care

Note: 203 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

14. Medical Knowledge - Facial Aesthetics — Medical Knowledge

Note: 165 of 834 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: 62 of 834 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: 58 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

17. Patient Care - Breast Reconstruction — Patient Care

Note: 60 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

18. Medical Knowledge - Breast Reconstruction — Medical Knowledge

Note: 48 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Note: 45 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 88 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 84 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 84 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
### Specialty: Plastic Surgery - Integrated

#### 25. Patient Care - Cosmetic Trunk and Lower Extremity — Patient Care

![Box Plot](image1)

Note: 131 of 834 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

![Box Plot](image2)

Note: 117 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 27. Patient Care - Lower Extremity — Patient Care

![Box Plot](image3)

Note: 55 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

#### 28. Medical Knowledge - Lower Extremity — Medical Knowledge

![Box Plot](image4)

Note: 50 of 834 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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

![Box Plot](image5)

#### 30. Systems-Based Practice - Resource Allocation — Systems-Based Practice

![Box Plot](image6)

Note: Please reference milestone narrative for full text.
Specialty: Plastic Surgery - Integrated

31. Systems-Based Practice - Practice Management — Systems-Based Practice

32. Practice-Based Learning and Improvement - The ability to investigate and evaluate the care of patients, to appraise and ...

33. Practice-Based Learning and Improvement - Research and Teaching — Practice-Based Learning and Improvement

34. Professionalism - Ethics and Values — Professionalism

35. Professionalism - Personal Accountability — Professionalism

36. Interpersonal and Communication Skills - Interpersonal and Communication Skills

Note: Please reference milestone narrative for full text.
Specialty: **Hand surgery (Plastic surgery)**

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

# of Residents 23

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**

Note: Please reference milestone narrative for full text.
Specialty: Hand surgery (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

Note: Please reference milestone narrative for full text.
Specialty: Hand surgery (Plastic surgery)

13. Patient Care - Tendon — Patient Care

14. Medical Knowledge - Tendon — Medical Knowledge

15. Systems-Based Practice - Patient Safety, Resource Allocation, Practice Management — Systems-Based Practice

16. Practice-Based Learning and Improvement - The ability to investigate and evaluate the care of patients, to appraise and ...

17. Professionalism - Ethics and Values — Professionalism

18. Interpersonal and Communication Skills - Interpersonal and Communication Skills

Note: Please reference milestone narrative for full text.
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>19</td>
<td>15</td>
<td>34</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

3. Patient Care - Inform and Educate: Inform and educate populations about health threats and risks - Patient Care 3

4. Patient Care - Policies and Plans: Develop policies and plans to support individual and community ...

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

6. Patient Care - Managing aerospace and general medical problems in aerospace personnel - Patient Care 6

Note: Please reference milestone narrative for full text.
Specialty: Preventive medicine (Aerospace Medicine)

7. Patient Care - Develop and applying medical standards, grant exceptions - Patient Care 7

8. Patient Care - Educate passengers and physicians about the hazards of flight with certain medical conditions ...

9. Patient Care - Identifying appropriate patients for aeromedical transport and provide guidance for safe ...

10. Patient Care - Advise in the operational use of aerospace biomedical equipment - Patient Care 10

11. Patient Care - Advise in techniques for sustaining and enhancing human performance - Patient Care 11

12. Patient Care - Appropriate safety information and education and conducting the medical aspects of any ...

Note: Please reference milestone narrative for full text.
Specialty: **Preventive medicine (Aerospace Medicine)**

13. Patient Care - Conduct aeromedical research - Patient Care 13

14. Patient Care - For all programs : Space medicine knowledge - Patient Care 14

15. Patient Care - For space-based programs only : Apply medical care standards and programs, evaluating ...

16. Medical Knowledge - Behavioral Health - Medical Knowledge 1

17. Medical Knowledge - Environmental Health - Medical Knowledge 2

18. Medical Knowledge - Biostatistics - Medical Knowledge 3

Note: 29 of 34 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Preventive medicine (Aerospace Medicine)

19. Medical Knowledge - Epidemiology - Medical Knowledge 4

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

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

22. Systems-Based Practice - Work in interprofessional teams to enhance patient safety and improve patient ...

23. Practice-Based Learning and Improvement - Identify strengths, deficiencies, and limits in one’s knowledge ...

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

Note: Please reference milestone narrative for full text.
Specialty: **Preventive medicine (Aerospace Medicine)**

25. **Professionalism - Accountability to patients, society and the profession - Professionalism 2**

26. **Interpersonal and Communication Skills - Communicate effectively with patients, families, and the public, ...**

27. **Interpersonal and Communication Skills - Maintain comprehensive, timely and legible medical records, ...**

Note: Please reference milestone narrative for full text.
## Specialty: Preventive medicine (Occupational 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>65</td>
<td>58</td>
<td>123</td>
</tr>
</tbody>
</table>

1. **Patient Care - Toxicology:** Recognize, evaluate, and treat exposures to toxins at work or in the general ...  

2. **Patient Care - Industrial Hygiene, Safety and Ergonomics and Risk/Hazard Control, and Communication:** Assess if there is ...  

Note: 2 of 123 residents have a status of "Not Yet Rotated" and are not included in the analysis.  

3. **Patient Care - Emergency Preparedness and Response:** Apply skills in Emergency Preparedness and Response - Patient Care 3  

4. **Patient Care - Community Health:** Monitor, diagnose, and investigate community health problems - Patient Care 4  

Note: 1 of 123 residents have a status of "Not Yet Rotated" and are not included in the analysis.  

5. **Patient Care - Inform and Educate:** Inform and educate populations about health threats and risks - Patient Care 5  

6. **Patient Care - Policies and Plans:** Develop policies and plans to support individual and community health ...  

Note: Please reference milestone narrative for full text.
Specialty: Preventive medicine (Occupational Medicine)

7. Patient Care - Evaluating Health Services: Evaluate population-based health services - Patient Care 7

8. Patient Care - Clinical Occupational and Environmental Medicine: Provide evidence-based clinical evaluation ...

Note: 1 of 123 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Patient Care - Occupational and Environmental Medicine (OEM) Related Law and Regulations: Comply with ...

10. Patient Care - Work Fitness and Disability Integration: Determine if a worker can safely be at work/complete ...

Note: 1 of 123 residents have a status of "Not Yet Rotated" and are not included in the analysis.

11. Patient Care - Health and Productivity: Identify and address individual and organizational factors in ...

12. Patient Care - Public Health, Surveillance, and Disease Prevention: Develop, evaluate, and manage medical ...

Note: 1 of 123 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Note: Please reference milestone narrative for full text.
Specialty: Preventive medicine (Occupational Medicine)

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

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

21. Systems-Based Practice - Work in interprofessional teams to enhance patient safety and improve patient ...

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

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

24. Professionalism - Accountability to patients, society and the profession - Professionalism 2

Note: Please reference milestone narrative for full text.
Specialty: **Preventive medicine (Occupational Medicine)**

25. Interpersonal and Communication Skills - Communicate effectively with patients, families, and the public, ...

26. Interpersonal and Communication Skills - Maintain comprehensive, timely and legible medical records, ...

Note: Please reference milestone narrative for full text.
Specialty: **Preventive medicine (Public Health)**

<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>100</td>
<td>82</td>
<td>182</td>
</tr>
</tbody>
</table>

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

![Graph](role 1)

Note: 7 of 182 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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

![Graph](role 2)

Note: 3 of 182 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

![Graph](role 3)

4. Patient Care - Policies and Plans: Develop policies and plans to support individual and community health...

![Graph](role 4)

Note: 1 of 182 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

![Graph](role 5)

Note: 1 of 182 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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

![Graph](role 6)

Note: 1 of 182 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Preventive medicine (Public Health)

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

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 ...

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: Please reference milestone narrative for full text.

Note: 3 of 182 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 6 of 182 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 4 of 182 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 1 of 182 residents have a status of "Not Yet Rotated" and are not included in the analysis.
Specialty: **Preventive medicine (Public Health)**

13. Medical Knowledge - Behavioral Health - Medical Knowledge 1

Note: 1 of 182 residents have a status of "Not Yet Rotated" and are not included in the analysis.

14. Medical Knowledge - Environmental Health - Medical Knowledge 2

Note: 3 of 182 residents have a status of "Not Yet Rotated" and are not included in the analysis.

15. Medical Knowledge - Biostatistics - Medical Knowledge 3

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 ...

Note: Please reference milestone narrative for full text.
Specialty:  **Preventive medicine (Public Health)**

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, ...

Note: Please reference milestone narrative for full text.
Specialty: Psychiatry

Resident Year | 1 | 2 | 3 | 4 | Total Residents*
---|---|---|---|---|---
# of Residents | 1,682 | 1,629 | 1,538 | 1,101 | 5,950

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

1. Patient Care - PC1. Psychiatric Evaluation A: General interview skills B: Collateral information gathering ...

2. Patient Care - PC2. Psychiatric Formulation and Differential Diagnosis [see narrative footnote 1] A: ...

3. Patient Care - PC3. Treatment Planning and Management A: Creates treatment plan B: Manages patient crises, ...

4. Patient Care - PC4. Psychotherapy Refers to 1) the practice and delivery of psychotherapies, including ...

5. Patient Care - PC5. Somatic Therapies Somatic therapies including psychopharmacology, electroconvulsive ...

6. Medical Knowledge - MK1. Development through the life cycle (including the impact of psychopathology ...
Specialty: Psychiatry

7. Medical Knowledge - MK2. Psychopathology [see narrative footnote 1] Includes knowledge of diagnostic ...

8. Medical Knowledge - MK3. Clinical Neuroscience [see narrative footnote 1] Includes knowledge of neurology, ...

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, ...


12. Systems-Based Practice - SBP1. Patient Safety and the Health care Team A: Medical errors and improvement ...

Note: Please reference milestone narrative for full text.
Specialty: Psychiatry

13. Systems-Based Practice - SBP2. Resource Management (may include diagnostics, medications, level of care, ...}

14. Systems-Based Practice - SBP3. Community-Based Care A: Community-based programs B: Self-help groups ...

15. Systems-Based Practice - SBP4. Consultation to non-psychiatric medical providers and non-medical systems ...

16. Practice-Based Learning and Improvement - PBLI1. Development and execution of lifelong learning through ...

17. Practice-Based Learning and Improvement - PBLI2. Formal practice-based quality improvement based on ...

18. Practice-Based Learning and Improvement - PBLI3. Teaching A: Development as a teacher B: Observable teaching skills

Note: Please reference milestone narrative for full text.
Specialty: Psychiatry

19. Professionalism - PROF1. Compassion, integrity, respect for others, sensitivity ...

20. Professionalism - PROF2. Accountability to self, patients, colleagues, and the profession: Fatigue ...

21. Interpersonal and Communication Skills - ICS1. Relationship development and conflict management with ...

22. Interpersonal and Communication Skills - ICS2. Information sharing and record keeping: Accurate and ...

Note: Please reference milestone narrative for full text.
Specialty: **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>491</td>
<td>395</td>
<td>886</td>
</tr>
</tbody>
</table>

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 ...**

Note: Please reference milestone narrative for full text.
Specialty: **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

Note: Please reference milestone narrative for full text.
Specialty: 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 ...

Note: Please reference milestone narrative for full text.
Specialty: 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

Note: Please reference milestone narrative for full text.
Specialty: **Forensic psychiatry**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>81</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/Evallee Safety and the Health Care Team A. Medical errors and ...  

6. Systems-Based Practice - SBP2 — Resource Management Costs of care and resource management

Note: Please reference milestone narrative for full text.
Specialty: 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 ...

Note: Please reference milestone narrative for full text.
Specialty: **Forensic psychiatry**

13. Interpersonal and Communication Skills - ICS2 — Information Sharing and Record Keeping A. Accurate and ...
### Specialty: Geriatric psychiatry

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

1. **Patient Care - PC1** - Geriatric Psychiatric Evaluation and Differential Diagnosis A. Geriatric-specific ...

![Graph showing Level 1 to Level 5 for Resident Year 1.]

2. **Patient Care - PC2** - Geriatric Therapeutic Modalities A. Somatic Therapies [see narrative footnote 2] ...

![Graph showing Level 1 to Level 5 for Resident Year 1.]

3. **Patient Care - PC3** - Treatment Planning and Management A. Participates in the development, management, ...

![Graph showing Level 1 to Level 5 for Resident Year 1.]

4. **Medical Knowledge - MK1** - Development through Later-life A. Knowledge of developmental theories across ...

![Graph showing Level 1 to Level 5 for Resident Year 1.]

5. **Medical Knowledge - MK2** - Psychopathology: Includes Presentation of Psychiatric Disorders in Diverse ...

![Graph showing Level 1 to Level 5 for Resident Year 1.]

6. **Medical Knowledge - MK3** - Treatment and Management A. Somatic therapy B. Non-pharmacological therapies ...

![Graph showing Level 1 to Level 5 for Resident Year 1.]

Note: Please reference milestone narrative for full text.
Specialty: 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 - PBLI1 - Development and Execution of Lifelong Learning through ...

12. Practice-Based Learning and Improvement - PBLI2 - Teaching A. Development as a teacher B. Observable teaching skills

Note: Please reference milestone narrative for full text.
Specialty: **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 ...

Note: Please reference milestone narrative for full text.
Specialty: Consultation-liaison psychiatry

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>88</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 ...

Note: Please reference milestone narrative for full text.
Specialty: 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 ...

Note: Please reference milestone narrative for full text.
Specialty: **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 ...

Note: Please reference milestone narrative for full text.
**Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018**

**Specialty: Radiation oncology**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
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<th>Total Residents</th>
</tr>
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<tbody>
<tr>
<td># of Residents</td>
<td>196</td>
<td>193</td>
<td>195</td>
<td>186</td>
<td>770</td>
</tr>
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</table>

1. Patient Care - Lymphoma — Patient Care

2. Patient Care - Head and Neck — Patient Care

Note: 96 of 770 residents have a status of "Not Yet Rotated" and are not included in the analysis.

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

4. Patient Care - Palliation — Patient Care

Note: 27 of 770 residents have a status of "Not Yet Rotated" and are not included in the analysis.

5. Patient Care - Breast — Patient Care

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

Note: 35 of 770 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 55 of 770 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 33 of 770 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 71 of 770 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Radiation oncology

7. Patient Care - Gynecologic (GYN) — Patient Care

8. Patient Care - Lung — Patient Care

9. Patient Care - Adult Brain Tumor — Patient Care

10. Patient Care - Brachytherapy — Patient Care

11. Patient Care - Stereotactic Radiosurgery (SRS)/Stereotactic Body Radiotherapy (SBRT) — Patient Care

12. Medical Knowledge - Medical Physics — Medical Knowledge

Note: Please reference milestone narrative for full text.
Specialty: **Radiation oncology**

13. Medical Knowledge - Radiation/Cancer Biology — Medical Knowledge

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

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

16. Systems-Based Practice - Work in interprofessional teams to enhance patient safety and improve patient ...

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

18. Practice-Based Learning and Improvement - Participate in the education of patients, families, students, ...

Note: 14 of 770 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Radiation oncology**

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 to** ...

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** ...
## Specialty: Radiology-diagnostic

### Resident Year 1, 2, 3, 4, Total Residents*

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Total Residents*</th>
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<tr>
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<td>1,188</td>
<td>1,199</td>
<td>1,165</td>
<td>4,769</td>
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</table>

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

1. Patient Care - Consultant (PCTS1)

2. Patient Care - Competence in procedures (PCTS2)

3. Medical Knowledge - Protocol selection and optimization of images (MK1)

4. Medical Knowledge - Interpretation of examinations (MK2)

5. Systems-Based Practice - Quality Improvement (SBP1)

6. Systems-Based Practice - Health care economics (SBP2)

Note: Please reference milestone narrative for full text.
7. Practice-Based Learning and Improvement - Patient safety: contrast agents; radiation safety; MR safety; sedation (PBLI1)

8. Practice-Based Learning and Improvement - Self-Directed Learning (PBLI2)

9. Practice-Based Learning and Improvement - Scholarly activity (PBLI3)

10. Professionalism - Professional Values and Ethics (PROF1)

11. Interpersonal and Communication Skills - Effective communication with patients, families, and caregivers (ICS1)

12. Interpersonal and Communication Skills - Effective communication with members of the health care team (ICS2)

Note: Please reference milestone narrative for full text.
Specialty: Abdominal radiology

Resident Year | 1 | Total Residents
---|---|---
# of Residents | 45 | 45

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

Note: Please reference milestone narrative for full text.
Specialty: 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 ...

Note: Please reference milestone narrative for full text.
Specialty: Abdominal radiology

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

Note: Please reference milestone narrative for full text.
Specialty: **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>32</td>
<td>32</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 Safety — Patient Care 1**

2. **Patient Care - Consultant — Patient Care and Technical Skills 1**

3. **Patient Care - Competence in Procedures: Arthrography, Biopsy, other Therapeutic Procedures — Patient ...**

4. **Medical Knowledge - Image Interpretation-Radiography — Medical Knowledge 1**

5. **Medical Knowledge - Image Interpretation-Cross-sectional — Medical Knowledge 2**

6. **Medical Knowledge - Cross-sectional Protocols — Medical Knowledge 3**

Note: Please reference milestone narrative for full text.
Specialty: **Musculoskeletal radiology**

7. **Systems-Based Practice - Quality Improvement (QI) — Systems-Based Practice 1**

8. **Systems-Based Practice - Healthcare 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 - Individual — Professionalism 1**

12. **Professionalism - Systems — Professionalism 2**

Note: Please reference milestone narrative for full text.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

Specialty: **Musculoskeletal radiology**

13. Interpersonal and Communication Skills - Effective Communication with Patients, Families, and Caregivers...

14. Interpersonal and Communication Skills - Effective Communication with Members of the Health Care Team...

Note: Please reference milestone narrative for full text.
Specialty: **Neuroradiology**

<table>
<thead>
<tr>
<th>Resident Year</th>
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<th>280</th>
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</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>280</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. **Patient Care - Consultant in Neuroradiology — Patient Care 1**

2. **Patient Care - Competence in Invasive and Non-invasive Procedures — Patient Care 2**

3. **Patient Care - Patient Safety — Patient Care 3**

4. **Medical Knowledge - Application of Neuroscience in Neuroradiology — Medical Knowledge 1**

5. **Medical Knowledge - Interpretation of Neuroimaging — Medical Knowledge 2**

6. **Medical Knowledge - Protocol Selection and Optimization of Images — Medical Knowledge 3**

Note: Please reference milestone narrative for full text.
Specialty: Neuroradiology

7. Systems-Based Practice - Health Care Economics — Systems-Based Practice 1

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. Practice-Based Learning and Improvement - Implements Quality Improvement (QI) Project — Practice-Based...

11. Professionalism - Personal — Professionalism 1

12. Professionalism - Systems — Professionalism 2

Note: Please reference milestone narrative for full text.
Specialty: Neuroradiology

13. Interpersonal and Communication Skills - Effective Communication with Patients, Families and Caregivers — Interpersonal ...

14. Interpersonal and Communication Skills - Effective Communication with Members of the Health Care Team ...

Note: Please reference milestone narrative for full text.
## Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

### Specialty: Pediatric radiology

<table>
<thead>
<tr>
<th>Resident Year</th>
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### Resident Year 1

<table>
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<th>5</th>
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</thead>
</table>

Note: Please reference milestone narrative for full text.
Specialty: 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 ...

Note: Please reference milestone narrative for full text.
Specialty: **Pediatric radiology**

13. Interpersonal and Communication Skills - Effective Communication with Members of the Health Care Team ...


Note: Please reference milestone narrative for full text.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

Specialty: Vascular and interventional radiology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>294</td>
<td>294</td>
</tr>
</tbody>
</table>

1. Patient Care - Non-procedural Care/Consultation — Patient Care 1

2. Patient Care - Procedural Skills — Patient Care 2

3. Patient Care - Safety — Patient Care 3

4. Medical Knowledge - Diagnosis and Intervention in Primary Vascular Disease — Medical Knowledge 1

5. Medical Knowledge - Transcatheter Therapy – Embolization — Medical Knowledge 2

6. Medical Knowledge - Percutaneous Organ Access and Intervention – Thorax, Peritoneum, Retroperitoneum, ...

Note: Please reference milestone narrative for full text.
Specialty: Vascular and interventional radiology

7. Systems-Based Practice - Quality Improvement (QI) — 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 - Individual — Professionalism 1

12. Professionalism - Systems — Professionalism 2

Note: Please reference milestone narrative for full text.
Specialty: Vascular and interventional radiology

13. Interpersonal and Communication Skills - Effective Communication with Patients, Families, and Caregivers ...

14. Interpersonal and Communication Skills - Effective Communication with Members of the Health Care Team ...

Note: Please reference milestone narrative for full text.
Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

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>22</td>
<td>13</td>
<td>10</td>
<td>15</td>
<td>2</td>
<td>62</td>
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</table>

1. Patient Care - PC1 – Diagnostic Radiology: Consultant

2. Patient Care - PC2 – Diagnostic Radiology: Competence in Procedures


4. Patient Care - PC4 – Interventional Radiology: Non-procedural Care/Consultation and Follow-Up

5. Patient Care - PC5 – Interventional Radiology: Procedural Skills

6. Patient Care - PC6 – Diagnostic and Interventional Radiology: Procedural Radiation Safety

Note: Please reference milestone narrative for full text.
Specialty: Interventional radiology - integrated


8. Medical Knowledge - MK2 – Diagnostic Radiology: Interpretation of Examinations

9. Medical Knowledge - MK3 – Diagnosis and Intervention in Primary Vascular Disease

10. Medical Knowledge - MK4 – Transcatheter Therapy – Embolization

11. Medical Knowledge - MK5 – Percutaneous Organ Access and Intervention

12. Systems-Based Practice - SBP1 – Quality Improvement (QI)

Note: Please reference milestone narrative for full text.
Specialty: Interventional radiology - integrated

13. Systems-Based Practice - SBP2 – Health Care Economics

14. Practice-Based Learning and Improvement - PBLI1 – Self-directed Learning

15. Practice-Based Learning and Improvement - PBLI2 – Scholarly Activity

16. Professionalism - PROF1 – Administrative Tasks

17. Professionalism - PROF2 – Compassion, Integrity, Accountability, and Respect for Self and Others

18. Interpersonal and Communication Skills - ICS1 – Effective Communication with Patients, Families, and Caregivers

Note: Please reference milestone narrative for full text.
Specialty: Interventional radiology - integrated

19. Interpersonal and Communication Skills - ICS2 – Diagnostic Radiology: Effective Communication with Members ...

20. Interpersonal and Communication Skills - ICS3 – Interventional Radiology: Effective Communication with ...

Note: Please reference milestone narrative for full text.
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>
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<tbody>
<tr>
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<td>1,656</td>
<td>1,413</td>
<td>1,327</td>
<td>1,295</td>
<td>8,499</td>
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</table>

1. Patient Care - Care For Diseases and Conditions (CDC) - PATIENT CARE (PC1)

2. Patient Care - Care For Diseases and Conditions (CDC) - PATIENT CARE (PC2)

3. Patient Care - Performance of Operations and Procedures (POP) - PATIENT CARE (PC3)

4. Medical Knowledge - Care For Diseases and Conditions (CDC) - MEDICAL KNOWLEDGE (MK1)

5. Medical Knowledge - Performance of Operations and Procedures (POP) - MEDICAL KNOWLEDGE (MK2)

6. Systems-Based Practice - Coordination of Care (CC) - SYSTEMS-BASED PRACTICE (SBP1)

Note: Please reference milestone narrative for full text.
7. Systems-Based Practice - Improvement of Care (IC) - SYSTEMS-BASED PRACTICE (SBP2)

Note: 21 of 8,499 residents have a status of "Not Yet Assessable" and are not included in the analysis.

8. Practice-Based Learning and Improvement - Teaching (TCH) - PRACTICE-BASED LEARNING AND IMPROVEMENT (PBLI1)

Note: 86 of 8,499 residents have a status of "Not Yet Assessable" and are not included in the analysis.

9. Practice-Based Learning and Improvement - Self-directed Learning (SDL) - PRACTICE-BASED LEARNING AND IMPROVEMENT (PBLI2)

Note: 16 of 8,499 residents have a status of "Not Yet Assessable" and are not included in the analysis.

10. Practice-Based Learning and Improvement - Improvement of Care (IC) - PRACTICE-BASED LEARNING AND IMPROVEMENT (PBLI3)

Note: 71 of 8,499 residents have a status of "Not Yet Assessable" and are not included in the analysis.

11. Professionalism - Care for Diseases and Conditions (CDC) - PROFESSIONALISM (PROF1)

Note: 13 of 8,499 residents have a status of "Not Yet Assessable" and are not included in the analysis.

12. Professionalism - Maintenance of Physical and Emotional Health (MPEH) - PROFESSIONALISM (PROF2)

Note: 15 of 8,499 residents have a status of "Not Yet Assessable" and are not included in the analysis.
Specialty: Surgery

13. Professionalism - Performance of Assignments and Administrative Tasks (PAT) - PROFESSIONALISM (PROF3)

Note: 12 of 8,499 residents have a status of "Not Yet Assessable" and are not included in the analysis.

14. Interpersonal and Communication Skills - Care for Diseases and Conditions (CDC) - INTERPERSONAL AND COMMUNICATION SKILLS (ICS2)

Note: 10 of 8,499 residents have a status of "Not Yet Assessable" and are not included in the analysis.

15. Interpersonal and Communication Skills - Coordination of Care (CC) - INTERPERSONAL AND COMMUNICATION SKILLS (ICS2)

Note: 10 of 8,499 residents have a status of "Not Yet Assessable" and are not included in the analysis.

16. Interpersonal and Communication Skills - Performance of Operations and Procedures (POP) - INTERPERSONAL AND COMMUNICATION SKILLS (ICS2)

Note: 26 of 8,499 residents have a status of "Not Yet Assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Complex general surgical oncology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
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</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>54</td>
<td>53</td>
<td>107</td>
</tr>
</tbody>
</table>

1. Patient Care - Patient Care – Hepatobiliary/Pancreas: Evaluation and Multimodality Care

2. Patient Care - Patient Care – Hepatobiliary/Pancreas: Technical Aspects of Surgical Interventions

3. Patient Care - Patient Care – Endocrine/Head and Neck: Evaluation and Multimodality Care

4. Patient Care - Patient Care – Endocrine/Head and Neck: Technical Aspects of Surgical Interventions

5. Patient Care - Patient Care – Gastrointestinal/Gynecology/Thoracic: Evaluation and Multimodality Care

6. Patient Care - Patient Care – Gastrointestinal/Gynecology/Thoracic: Technical Aspects of Surgical Interventions

Note: Please reference milestone narrative for full text.
Specialty: Complex general surgical oncology

7. Patient Care - Patient Care – Breast: Evaluation and Multimodality Care

8. Patient Care - Patient Care – Breast: Technical Aspects of Surgical Interventions

9. Patient Care - Patient Care – Melanoma, Sarcoma, Common and Rare Cutaneous and Soft Tissue Malignancies: Evaluation and ...

10. Patient Care - Patient Care – Melanoma, Sarcoma, Common and Rare Cutaneous and Soft Tissue Malignancies: ...

11. Medical Knowledge - General Knowledge Assessment — Medical Knowledge

12. Systems-Based Practice - Systems-Based Practice — Administrative Responsibility

Note: Please reference milestone narrative for full text.
Specialty: **Complex general surgical oncology**

13. Systems-Based Practice - Systems-Based Practice — Coordination and Transitions of Care

14. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement — Improvement of Care

15. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement — Scholarly Activity

16. Practice-Based Learning and Improvement - Practice-Based Learning and Improvement — Teaching

17. Practice-Based Learning and Improvement - Practice-based Learning and Improvement — Self-Directed Learning

18. Professionalism - Professionalism — Professionalism and Personal Behavior

Note: Please reference milestone narrative for full text.
Specialty: Complex general surgical oncology

19. Professionalism - Ethical Issues in Cancer Patients

20. Professionalism - Personal Responsibility

21. Professionalism - Healthy Work Environment

22. Interpersonal and Communication Skills - Effective Communication with Patients

23. Interpersonal and Communication Skills - Effective Communication

Note: Please reference milestone narrative for full text.
Specialty: Pediatric surgery

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
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</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
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<td>37</td>
<td>81</td>
</tr>
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</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

Note: Please reference milestone narrative for full text.
Specialty: **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

Note: Please reference milestone narrative for full text.
Specialty: 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

Note: Please reference milestone narrative for full text.
Specialty: **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

Note: Please reference milestone narrative for full text.
Specialty: Surgical critical care

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>Total Residents</th>
<th>262</th>
</tr>
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</table>

1. Patient Care - Patient Care — Respiratory Failure

2. Medical Knowledge - Medical Knowledge — Respiratory Failure (Ventilator-Associated Events)

3. Patient Care - Patient Care — Nutritional Support

4. Medical Knowledge - Medical Knowledge — Nutritional Support

5. Patient Care - Patient Care — Shock/Resuscitation

6. Medical Knowledge - Medical Knowledge — Shock/Resuscitation

Note: Please reference milestone narrative for full text.
Specialty: Surgical critical care

7. Patient Care - Patient Care — Acute Kidney Injury

8. Medical Knowledge - Medical Knowledge — Acute Kidney Injury

9. Patient Care - Patient Care — Trauma and Burns

10. Medical Knowledge - Medical Knowledge — Trauma and Burns

11. Patient Care - Patient Care — Cardiac Disorders of Critically-Ill Patients

12. Medical Knowledge - Medical Knowledge — Cardiac Disorders of Critically-Ill Patients

Note: Please reference milestone narrative for full text.
Specialty: Surgical critical care

13. Patient Care - Patient Care — Neurologic Disorders of Critically-Ill Patients

14. Medical Knowledge - Medical Knowledge — Neurologic Disorders of Critically-Ill Patients

15. Patient Care - Patient Care — Gastrointestinal (GI) Disorders of Critically-Ill Patients

16. Medical Knowledge - Medical Knowledge — GI Disorders of Critically-Ill Patients

17. Patient Care - Patient Care — Infectious Diseases of Critically-Ill Surgical Patients

18. Medical Knowledge - Medical Knowledge — Infectious Diseases of Critically-Ill Surgical Patients

Note: Please reference milestone narrative for full text.
Specialty: Surgical critical care

19. Patient Care - Procedural Competence

20. Systems-Based Practice - Administrative Responsibility

21. Systems-Based Practice — Coordination and Transitions of Care

22. Practice-Based Learning and Improvement — Improvement of Care

23. Practice-Based Learning and Improvement — Teaching

24. Practice-Based Learning and Improvement — Self-Directed Learning

Note: Please reference milestone narrative for full text.
Specialty: Surgical critical care

25. Professionalism - Professionalism — Professionalism and Personal Behavior

26. Professionalism - Professionalism — Ethical Issues in Critically-Ill Patients

27. Professionalism - Professionalism — Personal Responsibility

28. Professionalism - Professionalism — Healthy Work Environment

29. Interpersonal and Communication Skills - Interpersonal and Communication Skills — Effective Communication with Patients ...

30. Interpersonal and Communication Skills - Interpersonal and Communication Skills — Effective Communication ...

Note: Please reference milestone narrative for full text.
Specialty: Vascular 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>124</td>
<td>123</td>
<td>247</td>
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</table>

1. Patient Care - PC1: Patient Data

2. Patient Care - PC2: Vascular Medicine

3. Patient Care - PC3: Perioperative Care

4. Patient Care - PC4: Longitudinal Care (e.g., outpatient management, screening, surveillance)

5. Patient Care - PC5: Technical Skills – Procedural Preparation

6. Patient Care - PC6: Technical Skills – Open Surgical Skills

Note: Please reference milestone narrative for full text.
Specialty: **Vascular surgery**

7. Patient Care - PC7: Technical Skills – Endovascular

8. Patient Care - PC8: Vascular Imaging (e.g., computed tomography [CT], magnetic resonance [MR], angiography, ultrasonography)

9. Medical Knowledge - MK1: Procedural Rationale – Basic Procedures (e.g., amputation, basic arteriovenous ...

10. Medical Knowledge - MK2: Procedural Anatomy – Basic Procedures (e.g., amputation, basic AV fistula/graft, ...

11. Medical Knowledge - MK3: Procedural Understanding – Basic Procedures (e.g., amputation, basic AV fistula/graft, ...

12. Medical Knowledge - MK4: Crisis Management – Basic Procedures (e.g., amputation, basic AV fistula/graft, ...

Note: Please reference milestone narrative for full text.
Specialty: **Vascular surgery**

13. Medical Knowledge - MK5: Procedural Rationale – Intermediate Procedures (e.g., femoral-popliteal bypass, extra-anatomic ...  

14. Medical Knowledge - MK6: Procedural Anatomy – Intermediate Procedures (e.g., femoral-popliteal bypass, ...  

15. Medical Knowledge - MK7: Procedural Understanding – Intermediate Procedures (e.g., femoral-popliteal ...  

16. Medical Knowledge - MK8: Crisis Management – Intermediate Procedures (e.g., femoral-popliteal bypass, ...  

17. Medical Knowledge - MK9: Procedural Rationale – Advanced Procedures (e.g., open aortic surgery at all ...  

18. Medical Knowledge - MK10: Procedural Anatomy – Advanced Procedures (e.g., open aortic surgery at all levels, mesenteric ...  

Note: Please reference milestone narrative for full text.
Specialty: Vascular surgery

19. Medical Knowledge - MK11: Procedural Understanding – Advanced Procedures (e.g., open aortic surgery ...}

20. Medical Knowledge - MK12: Crisis Management – Advanced Procedures (e.g., open aortic surgery at all ...}

21. Systems-Based Practice - SBP1: Radiation Safety

22. Systems-Based Practice - SBP2: Coordination of Care

23. Systems-Based Practice - SBP3: Improvement of Care

24. Practice-Based Learning and Improvement - PBLI1: Teaching

Note: Please reference milestone narrative for full text.
Specialty: **Vascular surgery**

25. Practice-Based Learning and Improvement - PBLI2: Self-directed Learning

26. Practice-Based Learning and Improvement - PBLI3: Quality Improvement

27. Professionalism - PROF1: Integrity

28. Professionalism - PROF2: Personal Wellbeing

29. Professionalism - PROF3: Administrative Tasks

30. Interpersonal and Communication Skills - ICS1: Communication with Patients and Families

Note: Please reference milestone narrative for full text.
Specialty: **Vascular surgery**

31. Interpersonal and Communication Skills - ICS2: Communications with Healthcare Team

Note: Please reference milestone narrative for full text.
Specialty: **Vascular surgery - integrated**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
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<th>Total Residents</th>
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<tr>
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<td>59</td>
<td>60</td>
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</table>

1. Patient Care - PC1: Patient Data

2. Patient Care - PC2: Vascular Medicine

3. Patient Care - PC3: Perioperative Care

4. Patient Care - PC4: Longitudinal Care (e.g., outpatient management, screening, surveillance)

5. Patient Care - PC5: Technical Skills – Procedural Preparation

6. Patient Care - PC6: Technical Skills – Open Surgical Skills

Note: Please reference milestone narrative for full text.
Specialty: **Vascular surgery - integrated**

7. Patient Care - PC7: Technical Skills – Endovascular

8. Patient Care - PC8: Vascular Imaging (e.g., computed tomography [CT], magnetic resonance [MR], angiography, ultrasonography)

9. Medical Knowledge - MK1: Procedural Rationale – Basic Procedures (e.g., amputation, basic arteriovenous ...

10. Medical Knowledge - MK2: Procedural Anatomy – Basic Procedures (e.g., amputation, basic AV fistula/graft, ...

11. Medical Knowledge - MK3: Procedural Understanding – Basic Procedures (e.g., amputation, basic AV fistula/graft, ...

12. Medical Knowledge - MK4: Crisis Management – Basic Procedures (e.g., amputation, basic AV fistula/graft, ...

Note: Please reference milestone narrative for full text.
Specialty: Vascular surgery - integrated

13. Medical Knowledge - MK5: Procedural Rationale – Intermediate Procedures (e.g., femoral-popliteal bypass, extra-anatomic ...

14. Medical Knowledge - MK6: Procedural Anatomy – Intermediate Procedures (e.g., femoral-popliteal bypass, ...

15. Medical Knowledge - MK7: Procedural Understanding – Intermediate Procedures (e.g., femoral-popliteal ...

16. Medical Knowledge - MK8: Crisis Management – Intermediate Procedures (e.g., femoral-popliteal bypass, ...

17. Medical Knowledge - MK9: Procedural Rationale – Advanced Procedures (e.g., open aortic surgery at all ...

18. Medical Knowledge - MK10: Procedural Anatomy – Advanced Procedures (e.g., open aortic surgery at all levels, mesenteric ...

Note: Please reference milestone narrative for full text.
Specialty: **Vascular surgery - integrated**

19. **Medical Knowledge - MK11**: Procedural Understanding – Advanced Procedures (e.g., open aortic surgery ...)

20. **Medical Knowledge - MK12**: Crisis Management – Advanced Procedures (e.g., open aortic surgery at all ...)

21. **Systems-Based Practice - SBP1**: Radiation Safety

22. **Systems-Based Practice - SBP2**: Coordination of Care

23. **Systems-Based Practice - SBP3**: Improvement of Care

24. **Practice-Based Learning and Improvement - PBLI1**: Teaching

Note: Please reference milestone narrative for full text.
Specialty: **Vascular surgery - integrated**

25. Practice-Based Learning and Improvement - PBLI2: Self-directed Learning

26. Practice-Based Learning and Improvement - PBLI3: Quality Improvement

27. Professionalism - PROF1: Integrity

28. Professionalism - PROF2: Personal Wellbeing

29. Professionalism - PROF3: Administrative Tasks

30. Interpersonal and Communication Skills - ICS1: Communication with Patients and Families

Note: Please reference milestone narrative for full text.
Specialty: **Vascular surgery - integrated**

31. Interpersonal and Communication Skills - ICS2: Communications with Healthcare Team

Note: Please reference milestone narrative for full text.
### Specialty: Thoracic surgery

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
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<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>71</td>
<td>66</td>
<td>137</td>
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</table>

1. Patient Care - Ischemic Heart Disease — Patient Care and Technical Skills

Note: 3 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

2. Medical Knowledge - Ischemic Heart Disease — Medical Knowledge

Note: 2 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

3. Patient Care - Cardiopulmonary Bypass, Myocardial Protection and Temporary Circulatory Support — Patient ...

Note: 2 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

4. Medical Knowledge - Cardiopulmonary Bypass, Myocardial Protection and Temporary Circulatory Support — Medical Knowledge

Note: 3 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

5. Patient Care - Valvular Disease — Patient Care and Technical Skills

Note: 2 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

6. Medical Knowledge - Valvular Disease — Medical Knowledge

Note: 2 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Thoracic surgery

7. Patient Care - Great Vessel Disease — Patient Care and Technical Skills

Note: 2 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

8. Medical Knowledge - Great Vessel Disease — Medical Knowledge

Note: 2 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Medical Knowledge - Congenital Heart Disease — Medical Knowledge

Note: 17 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

10. Medical Knowledge - End Stage Cardiopulmonary Disease — Medical Knowledge

Note: 6 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

11. Patient Care - Esophagus — Patient Care and Technical Skills

Note: 4 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

12. Medical Knowledge - Esophagus — Medical Knowledge

Note: Please reference milestone narrative for full text.
Specialty: **Thoracic surgery**

13. Patient Care - Lung and Airway — Patient Care and Technical Skills

Note: 3 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

14. Medical Knowledge - Lung and Airway — Medical Knowledge

Note: 2 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

15. Patient Care - Chest Wall/Pleura/Mediastinum — Patient Care and Technical Skills

Note: 3 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

16. Medical Knowledge - Chest Wall/Pleura/Mediastinum — Medical Knowledge

Note: 2 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

17. Patient Care - Critical Care — Patient Care and Technical Skills

Note: 1 of 137 residents have a status of "Not Yet Rotated" and are not included in the analysis.

18. Medical Knowledge - Critical Care — Medical Knowledge

Note: Please reference milestone narrative for full text.
Specialty: **Thoracic surgery**

19. Professionalism - Ethics and Values — Professionalism

20. Professionalism - Personal Accountability — Professionalism

21. Interpersonal and Communication Skills - Interpersonal and Communication Skills

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

23. Systems-Based Practice - Resource Allocation — Systems-Based Practice

24. Systems-Based Practice - Practice Management — Systems-Based Practice

Note: Please reference milestone narrative for full text.
Specialty: Thoracic surgery

25. Practice-Based Learning and Improvement - The ability to investigate and evaluate the care of patients, to appraise and ...

26. Practice-Based Learning and Improvement - Research and Teaching — Practice-Based Learning and Improvement

Note: Please reference milestone narrative for full text.
## Specialty: Thoracic surgery

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Total Residents*</th>
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<tbody>
<tr>
<td># of Residents</td>
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<td>31</td>
<td>32</td>
<td>91</td>
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</table>

*Note: There are 7 residents with an incomplete milestone evaluation that are excluded from the box plots below.

### 1. Patient Care - Ischemic Heart Disease — Patient Care and Technical Skills

Note: 1 of 84 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 2. Medical Knowledge - Ischemic Heart Disease — Medical Knowledge

Note: 1 of 84 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 3. Patient Care - Cardiopulmonary Bypass, Myocardial Protection and Temporary Circulatory Support — Patient ...

### 4. Medical Knowledge - Cardiopulmonary Bypass, Myocardial Protection and Temporary Circulatory Support — Medical Knowledge

Note: 1 of 84 residents have a status of "Not Yet Rotated" and are not included in the analysis.

### 5. Patient Care - Valvular Disease — Patient Care and Technical Skills

### 6. Medical Knowledge - Valvular Disease — Medical Knowledge

Note: 1 of 84 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Thoracic surgery**

7. **Patient Care - Great Vessel Disease — Patient Care and Technical Skills**

Note: 3 of 84 residents have a status of "Not Yet Rotated" and are not included in the analysis.

8. **Medical Knowledge - Great Vessel Disease — Medical Knowledge**

Note: 2 of 84 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. **Medical Knowledge - Congenital Heart Disease — Medical Knowledge**

Note: 10 of 84 residents have a status of "Not Yet Rotated" and are not included in the analysis.

10. **Medical Knowledge - End Stage Cardiopulmonary Disease — Medical Knowledge**

11. **Patient Care - Esophagus — Patient Care and Technical Skills**

Note: 3 of 84 residents have a status of "Not Yet Rotated" and are not included in the analysis.

12. **Medical Knowledge - Esophagus — Medical Knowledge**

Note: Please reference milestone narrative for full text.
Specialty: Thoracic surgery

13. Patient Care - Lung and Airway — Patient Care and Technical Skills

14. Medical Knowledge - Lung and Airway — Medical Knowledge

Note: 2 of 84 residents have a status of "Not Yet Rotated" and are not included in the analysis.

15. Patient Care - Chest Wall/Pleura/Mediastinum — Patient Care and Technical Skills

16. Medical Knowledge - Chest Wall/Pleura/Mediastinum — Medical Knowledge

Note: 2 of 84 residents have a status of "Not Yet Rotated" and are not included in the analysis.

17. Patient Care - Critical Care — Patient Care and Technical Skills

18. Medical Knowledge - Critical Care — Medical Knowledge

Note: 1 of 84 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Thoracic surgery

19. Professionalism - Ethics and Values — Professionalism

20. Professionalism - Personal Accountability — Professionalism

21. Interpersonal and Communication Skills - Interpersonal and Communication Skills

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

23. Systems-Based Practice - Resource Allocation — Systems-Based Practice

24. Systems-Based Practice - Practice Management — Systems-Based Practice

Note: Please reference milestone narrative for full text.
Specialty: **Thoracic surgery**

25. **Practice-Based Learning and Improvement** - The ability to investigate and evaluate the care of patients, to appraise and...

26. **Practice-Based Learning and Improvement - Research and Teaching** — Practice-Based Learning and Improvement

Note: Please reference milestone narrative for full text.
## Specialty Box Plot Report - Milestone Evaluation by Resident Year: Year-End 2017-2018

**Specialty:** Congenital cardiac surgery

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

### 1. Patient Care - Patient Care — Technical Skills and Performance

**Level 1**

**Level 2**

**Level 3**

**Level 4**

**Level 5**

### 2. Patient Care - Patient Care — Pre- and Post-operative Care

**Level 1**

**Level 2**

**Level 3**

**Level 4**

**Level 5**

### 3. Medical Knowledge - Medical Knowledge — Anatomy and Diagnosis

**Level 1**

**Level 2**

**Level 3**

**Level 4**

**Level 5**

### 4. Medical Knowledge - Medical Knowledge — Pathophysiology and Natural History of the Disease

**Level 1**

**Level 2**

**Level 3**

**Level 4**

**Level 5**

### 5. Medical Knowledge - Medical Knowledge — Pathophysiology and Management of the Post-operative State

**Level 1**

**Level 2**

**Level 3**

**Level 4**

**Level 5**

### 6. Systems-Based Practice - Systems-Based Practice

**Level 1**

**Level 2**

**Level 3**

**Level 4**

**Level 5**

Note: Please reference milestone narrative for full text.
Specialty: **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

Note: Please reference milestone narrative for full text.
Specialty:  **Thoracic surgery - integrated**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
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<th>5</th>
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<th>Total Residents</th>
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<tbody>
<tr>
<td># of Residents</td>
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<td>35</td>
<td>27</td>
<td>27</td>
<td>21</td>
<td>183</td>
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</tbody>
</table>

1. **Patient Care - Ischemic Heart Disease — Patient Care and Technical Skills**

2. **Medical Knowledge - Ischemic Heart Disease — Medical Knowledge**

3. **Patient Care - Cardiopulmonary Bypass, Myocardial Protection and Temporary Circulatory Support — Patient ...**

4. **Medical Knowledge - Cardiopulmonary Bypass, Myocardial Protection and Temporary Circulatory Support — Medical Knowledge**

5. **Patient Care - Valvular Disease — Patient Care and Technical Skills**

6. **Medical Knowledge - Valvular Disease — Medical Knowledge**

Note: 11 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 8 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 13 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 10 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 14 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty:  **Thoracic surgery - integrated**

7. Patient Care - Great Vessel Disease — Patient Care and Technical Skills

8. Medical Knowledge - Great Vessel Disease — Medical Knowledge

Note: 17 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

9. Medical Knowledge - Congenital Heart Disease — Medical Knowledge

10. Medical Knowledge - End Stage Cardiopulmonary Disease — Medical Knowledge

Note: 50 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

11. Patient Care - Esophagus — Patient Care and Technical Skills

12. Medical Knowledge - Esophagus — Medical Knowledge

Note: 10 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 10 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 16 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: 14 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: **Thoracic surgery - integrated**

13. Patient Care - Lung and Airway — Patient Care and Technical Skills

Note: 12 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

14. Medical Knowledge - Lung and Airway — Medical Knowledge

Note: 9 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

15. Patient Care - Chest Wall/Pleura/Mediastinum — Patient Care and Technical Skills

Note: 15 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

16. Medical Knowledge - Chest Wall/Pleura/Mediastinum — Medical Knowledge

Note: 12 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

17. Patient Care - Critical Care — Patient Care and Technical Skills

Note: 6 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

18. Medical Knowledge - Critical Care — Medical Knowledge

Note: 6 of 183 residents have a status of "Not Yet Rotated" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Thoracic surgery - integrated

19. Professionalism - Ethics and Values — Professionalism

20. Professionalism - Personal Accountability — Professionalism

21. Interpersonal and Communication Skills - Interpersonal and Communication Skills

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

23. Systems-Based Practice - Resource Allocation — Systems-Based Practice

24. Systems-Based Practice - Practice Management — Systems-Based Practice

Note: Please reference milestone narrative for full text.
Specialty: Thoracic surgery - integrated

25. Practice-Based Learning and Improvement - The ability to investigate and evaluate the care of patients, to appraise and ... 

26. Practice-Based Learning and Improvement - Research and Teaching — Practice-Based Learning and Improvement

Note: Please reference milestone narrative for full text.
Specialty: Urology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
<th>2</th>
<th>3</th>
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<th>Total Residents</th>
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<tr>
<td># of Residents</td>
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<td>324</td>
<td>320</td>
<td>311</td>
<td>1,288</td>
</tr>
</tbody>
</table>

1. Patient Care - Gathers information by interviewing the patient or surrogate and performing a physical exam. (PC1)

2. Patient Care - Uses diagnostic tests and procedures, including performance and interpretation of imaging studies. (PC2)

3. Patient Care - Develops a patient care plan, including medical, surgical, and/or radiological interventions. …

4. Patient Care - Performs intraoperative and post-operative management of patients, including recognition …

5. Patient Care - Performs open surgical procedures. (PC5)

6. Patient Care - Performs endoscopic procedures of the upper and lower urinary tract. (PC6)

Note: Please reference milestone narrative for full text.
Specialty: **Urology**

7. Patient Care - Performs laparoscopic/robot-assisted surgical procedures. (PC7)

8. Patient Care - Performs office-based procedures. (PC8)

9. Medical Knowledge - Surgical Care (MK1)

10. Medical Knowledge - Differential Diagnosis (MK2)

11. Medical Knowledge - Evidence-based Medicine (MK3)

12. Medical Knowledge - Core Domains (MK4)

Note: Please reference milestone narrative for full text.
Specialty: **Urology**

13. Systems-Based Practice - Works effectively within and across health delivery systems. (SBP1)

14. Systems-Based Practice - Incorporates cost awareness and risk-benefit analysis into patient care. (SBP2)

15. Systems-Based Practice - Works in interprofessional teams to enhance patient safety. (SBP3)

16. Systems-Based Practice - Uses technology to accomplish safe health care delivery. (SBP4)

17. Practice-Based Learning and Improvement - Improves via feedback and self-assessment. (PBLI1)

18. Practice-Based Learning and Improvement - Learns and improves by asking and answering clinical questions from a patient ...

Note: Please reference milestone narrative for full text.
Specialty: **Urology**

19. Practice-Based Learning and Improvement - Acquires the best evidence. (PBLI3)

20. Practice-Based Learning and Improvement - Appraises the evidence for validity, impact, and applicability. (PBLI4)

21. Practice-Based Learning and Improvement - Applies the evidence to decision-making for individual patients. (PBLI5)

22. Practice-Based Learning and Improvement - Improves the quality of care for a panel of patients. (PBLI6)

23. Practice-Based Learning and Improvement - Participates in the education of other team members. (PBLI7)

24. Professionalism - Demonstrates adherence to ethical principles. (P1)

Note: Please reference milestone narrative for full text.
Specialty: **Urology**

25. Professionalism - Demonstrates compassion, integrity, and respect for others. (P2)

26. Professionalism - Demonstrates responsiveness to patient needs that supersede self-interest. (P3)

27. Professionalism - Demonstrates respect for patient privacy and autonomy. (P4)

28. Professionalism - Demonstrates accountability to patients, society, and the profession. (P5)

29. Professionalism - Demonstrates sensitivity and responsiveness to diverse populations, including diversity ...

30. Interpersonal and Communication Skills - Communicates effectively with patients and families with diverse socioeconomic ...

Note: Please reference milestone narrative for full text.
Specialty: Urology

31. Interpersonal and Communication Skills - Effectively counsels, educates, and obtains informed consent. (See PC) (ICS2)

32. Interpersonal and Communication Skills - Communicates effectively with physicians, other health professionals, ...

33. Interpersonal and Communication Skills - Communicates effectively during care transitions and consultations with fellow ...

34. Interpersonal and Communication Skills - Works effectively as a member or leader of a health care team ...

Note: Please reference milestone narrative for full text.
Specialty: **Female pelvic medicine and reconstructive surgery (Urology)**

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>1</th>
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<th>3</th>
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<tbody>
<tr>
<td># of Residents</td>
<td>14</td>
<td>12</td>
<td>9</td>
<td>35</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: Please reference milestone narrative for full text.
Specialty: Female pelvic medicine and reconstructive surgery (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

Note: Please reference milestone narrative for full text.
Specialty: Female pelvic medicine and reconstructive surgery (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 ...

Note: Please reference milestone narrative for full text.
Specialty: Female pelvic medicine and reconstructive surgery (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

Note: Please reference milestone narrative for full text.
Specialty: Pediatric urology

<table>
<thead>
<tr>
<th>Resident Year</th>
<th>Total Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>24</td>
</tr>
</tbody>
</table>

1. Patient Care - Information Gathering, Preoperative/Diagnostic Testing, Differential Diagnosis - Patient Care 1

2. Patient Care - Patient Management/Indications for Surgery/Judgment - Patient Care 2

3. Patient Care - Perioperative Care (Fluid and Electrolytes, Pain Management) - Patient Care 3

4. Patient Care - Genital Reconstructive Procedures - Patient Care 4

5. Patient Care - Open Abdominal/Retroperitoneal Procedures - Patient Care 5

6. Patient Care - Endoscopic and Percutaneous Procedures of the Upper and Lower Urinary Tract - Patient Care 6

Note: Please reference milestone narrative for full text.
Specialty: **Pediatric urology**

7. Patient Care - Laparoscopic/Robotic - Patient Care 7

8. Medical Knowledge - Appropriate Competency in Core Domains - Medical Knowledge 1

9. Medical Knowledge - Related Fields of Knowledge (Nephrology, Endocrinology, Radiation Safety, etc.) - Medical Knowledge ...

10. Systems-Based Practice - Working Effectively Within and Across Health Delivery Systems for the Benefit ...

11. Systems-Based Practice - Cost Awareness and Risk-Benefit Analysis In Patient Care — Systems-Based Practice 2

12. Systems-Based Practice - Enhancing Patient Safety — Systems-Based Practice 3

Note: Please reference milestone narrative for full text.
Specialty: Pediatric urology

13. Practice-Based Learning and Improvement - Improves via feedback and self-assessment — Practice-Based Learning

14. Practice-Based Learning and Improvement - Evidence-based Learning — Practice-Based Learning and Improvement

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


17. Professionalism - Respect for Patient Privacy and Autonomy — Professionalism

18. Professionalism - Sensitivity and Responsiveness to Diverse Populations: Gender, Family Structure, Culture, ...

Note: Please reference milestone narrative for full text.
Specialty: **Pediatric urology**

19. Interpersonal and Communication Skills - Communication: Families and Care Givers — Interpersonal and Communication Skills

20. Interpersonal and Communication Skills - Communication: Children — Interpersonal and Communication Skills

21. Interpersonal and Communication Skills - Communication: Personal Interactions with Physicians, Nurses, ...

22. Interpersonal and Communication Skills - Use of Technology and Information Sharing Modalities to Facilitate ...

Note: Please reference milestone narrative for full text.
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>1,335</td>
<td>1,335</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. History: Obtains a comprehensive medical history

![Box plot for Patient Care - PC1. History]

2. Patient Care - PC2. Physical Examination: Performs a comprehensive physical examination

![Box plot for Patient Care - PC2. Physical Examination]

3. Patient Care - PC3. Differential Diagnosis and Assessment: Integrates information to develop an appropriate ...

![Box plot for Patient Care - PC3. Differential Diagnosis and Assessment]

4. Patient Care - PC4. Management: Generates an appropriate diagnostic and therapeutic plan for assigned patients

![Box plot for Patient Care - PC4. Management]

5. Patient Care - PC5. Urgent and Emergent Medical Conditions: Recognizes urgent and emergent medical conditions ...

![Box plot for Patient Care - PC5. Urgent and Emergent Medical Conditions]

6. Patient care - PC6. Guidelines and Preventive Care: Applies basic preventive care, diagnosis, and treatment guidelines, ...

![Box plot for Patient care - PC6. Guidelines and Preventive Care]

Note: Please reference milestone narrative for full text.
Specialty: Transitional year

7. Patient Care - PC7. Procedures: Demonstrates understanding of indications/contraindications and ability ...

8. Medical Knowledge - MK1. Basic Science and Clinical Knowledge: Demonstrates knowledge of established ...

9. Medical Knowledge - MK2. Certification Examinations: Demonstrates ability to successfully pass appropriate ...

10. Systems-Based Practice - SBP1. Coordinates patient care within various health care delivery settings

11. Systems-Based Practice - SBP2. Works in interdisciplinary teams to enhance patient safety and improve patient care quality

12. Systems-Based Practice - SBP3. Practices and advocates for cost-effective, responsible care

Note: Please reference milestone narrative for full text.
Specialty: **Transitional year**

13. **Practice-Based Learning and Improvement - PBL1. Self-Directed Assessment and Self-Directed Learning ...**

14. **Practice-Based Learning and Improvement - PBL2. Locates, appraises, and assimilates evidence from valid ...**

15. **Practice-Based Learning and Improvement - PBL3. Implements a Quality Improvement Project**

16. **Professionalism - PROF1. Compassion, integrity, and respect for others, as well as sensitivity and responsiveness ...**

17. **Professionalism - PROF2. Knowledge about, respect for, and adherence to the ethical principles relevant to the practice ...**

18. **Professionalism - PROF3. Accountability to patients, society, and the profession**

Note: Please reference milestone narrative for full text.
Specialty: **Transitional year**

19. Professionalism - PROF4. Personal responsibility to maintain emotional, physical, and mental health

20. Interpersonal and Communication Skills - ICS1. Communicates effectively with patients, family, and the ...

21. Interpersonal and Communication Skills - ICS2. Communicates effectively with physicians, other health ...

22. Interpersonal and Communication Skills - ICS3. Works effectively as a member or leader of a healthcare ...

23. Interpersonal and Communication Skills - ICS4. Maintains comprehensive, timely, and legible medical records

Note: Please reference milestone narrative for full text.
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>
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</thead>
<tbody>
<tr>
<td># of Residents</td>
<td>378</td>
<td>384</td>
<td>368</td>
<td>365</td>
<td>1,495</td>
</tr>
</tbody>
</table>

### Internal Medicine

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

3. Patient Care - Manages patients with progressive responsibility and independence

4. Patient Care - Skill in performing procedures

5. Patient Care - Requests and provides consultative care

6. Medical Knowledge - Clinical knowledge

Note: 19 of 1,495 residents have a status of "Not Yet Assessed" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Internal Medicine

7. Medical Knowledge - Knowledge of diagnostic testing and procedures

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

9. Systems-Based Practice - Recognizes system error and advocates for system improvement

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

11. Systems-Based Practice - Transitions patients effectively within and across health delivery systems

12. Practice-Based Learning and Improvement - Monitors practice with a goal for improvement

Note: 5 of 1,495 residents have a status of "Not Yet Assessed" and are not included in the analysis.
Specialty: Internal medicine/Pediatrics

13. Practice-Based Learning and Improvement - Learns and improves via performance audit

Note: 23 of 1,495 residents have a status of "Not Yet Assessed" and are not included in the analysis.

15. Practice-Based Learning and Improvement - Learns and improves at the point of care

Note: 5 of 1,495 residents have a status of "Not Yet Assessed" and are not included in the analysis.

17. Professionalism - Accepts responsibility and follows through on tasks

18. Professionalism - Responds to each patient's unique characteristics and needs

Note: Please reference milestone narrative for full text.
Specialty: Internal medicine/Pediatrics

Internal Medicine

19. Professionalism - Exhibits integrity and ethical behavior in professional conduct

20. Interpersonal and Communication Skills - Communicates effectively with patients and caregivers

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

22. Interpersonal and Communication Skills - Appropriate utilization and completion of health records

Note: Please reference milestone narrative for full text.
Specialty: Internal medicine/Pediatrics

Pediatrics

1. Patient Care - Gather essential and accurate information about the patient

Note: 4 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

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

Note: 3 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

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

Note: 30 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

4. Patient Care - Make informed diagnostic and therapeutic decisions that result in optimal clinical judgement

Note: 4 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

5. Patient Care - Develop and carry out management plans

Note: 2 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

6. Medical Knowledge - Critically evaluate and apply current medical information and scientific evidence for patient care (MK1)

Note: 2 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Internal medicine/Pediatrics

Pediatrics

7. Systems-Based Practice - Coordinate patient care within the health care system relevant to their clinical specialty

Note: 6 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

9. Systems-Based Practice - Work in interprofessional teams to enhance patient safety and improve patient care quality

Note: 2 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

11. Practice-Based Learning and Improvement - Identify and perform appropriate learning activities to guide ...

Note: 33 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

8. Systems-Based Practice - Advocate for quality patient care and optimal patient care systems

Note: 27 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

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

Note: 5 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

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

Note: 54 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty: Internal medicine/Pediatrics

Pediatrics

13. Practice-Based Learning and Improvement - Incorporate formative evaluation feedback into daily practice

Note: 3 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

14. Professionalism - Demonstrate humanism, compassion, integrity, and respect for others; based on the ...

Note: 6 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

15. Professionalism - Professionalization: A sense of duty and accountability to patients, society, and the profession (PROF2)

Note: 8 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

16. Professionalism - Professional Conduct: High standards of ethical behavior which includes maintaining ...

Note: 10 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

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

Note: 3 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

18. Professionalism - Trustworthiness that makes colleagues feel secure when one is responsible for the care of patients (PROF5)

Note: 11 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.
Specialty:  **Internal medicine/Pediatrics**

**Pediatrics**

19. Professionalism - Recognize that ambiguity is part of clinical medicine and to recognize the need for ...

![Graph](image1)

Note: 5 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

20. Interpersonal and Communication Skills - Communicate effectively with patients, families, and the public, ...

![Graph](image2)

Note: 5 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

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

![Graph](image3)

Note: 16 of 1,495 residents have a status of "Not yet assessable" and are not included in the analysis.

Note: Please reference milestone narrative for full text.