SES043 Specialty Update: Radiology

Janet Bailey, MD, FACR – RC Chair
Felicia Davis, MHA – Executive Director
Conflict of Interest Disclosure

Speaker(s): Janet Bailey, MD, FACR
Felicia Davis, MHA

Disclosure
None of the speakers for this educational activity have relevant financial relationship(s) to disclose with ineligible companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.
Topics for Today....

- Radiology Data
- NAS Observations
- Program Requirement Clarifications
- Review Committee Discussions
- Committee Composition
- ACGME Updates
Radiology
## Radiology Accredited Programs 2022-2023

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Programs</th>
<th>Trainees</th>
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<tbody>
<tr>
<td>Diagnostic Radiology</td>
<td>199</td>
<td>4647</td>
</tr>
<tr>
<td>Interventional Radiology - Integrated</td>
<td>95</td>
<td>757</td>
</tr>
<tr>
<td>Interventional Radiology - Independent</td>
<td>94</td>
<td>179</td>
</tr>
<tr>
<td>Abdominal Radiology</td>
<td>13</td>
<td>50</td>
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<tr>
<td>Musculoskeletal Radiology</td>
<td>20</td>
<td>37</td>
</tr>
<tr>
<td>Neuroendovascular Intervention</td>
<td>3</td>
<td>6</td>
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<tr>
<td>Neuroradiology</td>
<td>91</td>
<td>307</td>
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<tr>
<td>Nuclear Radiology</td>
<td>19</td>
<td>12</td>
</tr>
<tr>
<td>Pediatric Radiology</td>
<td>46</td>
<td>58</td>
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## Interventional Radiology 2022-2023

<table>
<thead>
<tr>
<th></th>
<th>Integrated</th>
<th>Independent</th>
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<tbody>
<tr>
<td>Programs</td>
<td>95</td>
<td>94</td>
</tr>
<tr>
<td>Positions</td>
<td>896 accredited</td>
<td>233 accredited</td>
</tr>
<tr>
<td></td>
<td>757 filled</td>
<td>179 filled</td>
</tr>
</tbody>
</table>

- 75 Institutions - Both
- 20 institutions – Integrated Only
- 16 institutions – Independent Only
<table>
<thead>
<tr>
<th>Year</th>
<th>Approved</th>
<th>On duty</th>
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<tbody>
<tr>
<td>2015-2016</td>
<td>225</td>
<td>0</td>
</tr>
<tr>
<td>2016-2017</td>
<td>450</td>
<td>13</td>
</tr>
<tr>
<td>2017-2018</td>
<td>745</td>
<td>60</td>
</tr>
<tr>
<td>2018-2019</td>
<td>795</td>
<td>242</td>
</tr>
<tr>
<td>2019-2020</td>
<td>823</td>
<td>418</td>
</tr>
<tr>
<td>2020-2021</td>
<td>853</td>
<td>579</td>
</tr>
<tr>
<td>2021-2022</td>
<td>866</td>
<td>662</td>
</tr>
<tr>
<td>2022-2023</td>
<td>896</td>
<td>757</td>
</tr>
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</table>
## IR ↔ DR Transfers

<table>
<thead>
<tr>
<th></th>
<th>2019-2020</th>
<th>2020-2021</th>
<th>2021-2022</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diagnostic to IR Integrated</td>
<td>67</td>
<td>47</td>
<td>30</td>
<td>144</td>
</tr>
<tr>
<td>IR Integrated to Diagnostic</td>
<td>7</td>
<td>7</td>
<td>12</td>
<td>26</td>
</tr>
</tbody>
</table>
ESIR Stats

<table>
<thead>
<tr>
<th>Academic Year</th>
<th>Total Residents (ESIR Specialty Track)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019-2020</td>
<td>204</td>
</tr>
<tr>
<td>2020-2021</td>
<td>171</td>
</tr>
<tr>
<td>2021-2022</td>
<td>147</td>
</tr>
<tr>
<td>2022-2023</td>
<td>149</td>
</tr>
</tbody>
</table>
Clinical Year Stats 2022-2023

• IR Programs
  • 5 IR programs approved
  • Total 10 approved positions
  • 9 filled positions

• DR Programs
  • 6 DR programs approved
  • Total 31 approved positions
  • 24 filled positions
Top 3 Most Flagged Indicators

- Case Logs
- Faculty Survey
- Resident Survey
Top 3 Most Flagged Indicators

Case Logs (aggregate procedure numbers)
- Review Committee only evaluates data for graduates
- Erroneous data still being reported by programs
- Examples:
  - Residents reported to have done “0” cases in entire categories, including mammography, PET, etc
  - Large disparity of procedures logged between residents in a program

Faculty and Resident Surveys
- Faculty responses may raise concerns not reflected in the resident survey
- Repeating trends in survey results elevate Committee concern
- Surveys can often be early predictors of the need for a site visit
Citation VS Area for Improvement

**Area for Improvement**
- Aspect of program noted by the Committee that needs attention, before it becomes non-compliant; a professional “heads up”
- Does **not** require formal response from the program back to RC
- Programs may respond to an AFI when updating the “Major Changes” section of ADS (recommended)

**Citations**
- Areas of non-compliance with the program requirements
- **Does** require a formal response from the program to the Committee Review
Major Changes in ADS

• Major clinical or administrative changes in your program belong here
• Highlight changes the program implemented to address AFIs
• Highlight plans implemented to address deficiencies that come to light in the resident or faculty survey
• Address events of significant impact to the program
Site Visits

• At least 30 days’ advance notice

• Conducted for new residency program applications and programs at the end of the Initial Accreditation period

• May be conducted for a complaint

• Can also be requested by the RC at any time
Site Visits: In Person and Virtual

- Dept of Field Activities – coordinates when the site visit will occur and who will be assigned
- Minimal document preparation expected
- May have one or two site visitors, depending on size of program and type of visit
Site Visit Letter

- Confirms the actual date of the visit
- Tells the name(s) of the site visitor(s)
- Will confirm the modality for the visit
- Tips for planning the day
- Guidelines for the Resident/Fellow interviews
- UPDATE ADS!!
IR Site Visits

• Approximately 60% completed
• Initial Accreditation site visits delayed for IR Integrated for several years
• Attempted to link IR Integrated and Independent at same institution
• IR programs reviewed - performing well
10-Year Site Visits

• ACGME has paused the program Self-Study and 10-Year Site Visits.

• All program Self Study & 10-Year SV dates in ADS have been removed until ACGME finalizes future plans. Currently appear as “Postponed.”

• Programs encouraged to incorporate the Self-Study into their Annual Program Evaluation process, and to track ongoing progress and program improvements as outlined in the Common Program Requirements.

• Self-Study webpage and FAQs have been revised.
Requirement Clarifications
“We have an APD even though it’s not required due to our program size. Can the minimum required support for the PD be shared or does it all have to go to the PD?”
II.A.2.a) At a minimum, the program director must be provided with the dedicated time and support specified below for administration of the program. Additional support for program leadership must be provided as specified below. This additional support may be for the program director only or divided among the program director and one or more associate (or assistant) program directors. *(Core)*

<table>
<thead>
<tr>
<th>Number of Approved Resident Positions</th>
<th>Minimum support required (percent time/FTE or number of hours) for the Program Director</th>
<th>Minimum Additional Support Required (FTE or Number of Hours) for Program Leadership in Aggregate</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 to 10 residents</td>
<td>0.25</td>
<td>n/a</td>
</tr>
<tr>
<td>11 to 15</td>
<td>0.3</td>
<td>n/a</td>
</tr>
<tr>
<td>16 to 23</td>
<td>0.4</td>
<td>n/a</td>
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<tr>
<td>24 to 31</td>
<td>0.5</td>
<td>n/a</td>
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<tr>
<td>32 to 39</td>
<td></td>
<td>0.6</td>
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<tr>
<td>40 to 47</td>
<td></td>
<td>0.7</td>
</tr>
<tr>
<td>48 to 55</td>
<td></td>
<td>0.8</td>
</tr>
<tr>
<td>56 to 63</td>
<td></td>
<td>0.9</td>
</tr>
<tr>
<td>64 to 71</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>72 or more</td>
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</tr>
</tbody>
</table>

The decision to share the support is up to the department and institution.
Resident Transfers

Transfer Requirements:

(Interventional Radiology Requirement III.C.1.b))

Resident transfers from ACGME-accredited diagnostic radiology programs into integrated interventional radiology programs must be limited to transfers from within the same Sponsoring Institution and must meet the following qualifications for transfer: (Core)

(Diagnostic Radiology Requirement III.C.2.))

Resident transfers from ACGME-accredited integrated interventional radiology programs into diagnostic radiology programs must be limited to transfers within the same Sponsoring Institution and must meet the following qualifications for transfer: (Core)
Resident Transfers

• The Review Committee re-evaluated the requirements and determined that it will not enforce the transfer limitation from within the same Sponsoring Institution.

• An FAQ will be developed to convey this decision until requirement changes can be made.
Neuroradiology Fellowships

Requirement: (IV.C.7.) Fellows should participate in catheter-based angiography and pre- and post-procedural care of patients undergoing angiography. (Core)

What does this look like?:

- Fellows are no longer required to do 50 angiography cases, but:
- Must participate in angiography cases at least indirectly via a required, at least 4-week, longitudinal experience/rotation
Review Committee Discussions
Case Logs

Resident tracking is still new, and we are several years away from having enough data to determine procedural minimums.

The previous minimum of 25 image guided bx/drainage procedures, tracked in the aggregate case log, has been discontinued; instead, more detailed interventional procedure data will be assessed via the individually logged cases in the resident case logs.

RRC Task Force working to improve the case log system. Recommendations include:

- Modifying the confusing “Tracked” and “Non-Tracking” labelling
- Providing lists in the case log system of commonly tracked procedures in the DR domains (Abdominal, Breast Imaging, Cardiothoracic, MSK, Neuro)
- Easier coding; greater standardization
Best Practice – Supervision Policy

List procedures in a table to make it clear when/what type of supervision will be expected

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Direct Supervision</th>
<th>Indirect Supervision</th>
<th>Oversight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Procedure A</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Procedure B</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Procedure C</td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>
Radiology Workforce Concerns and ACGME

• Several organizations, notably the American College of Radiology (ACR) and the Association of Program Directors in Radiology (APDR), have raised concerns regarding radiology workforce shortages.

• This topic is critically important as radiologists face high work demands and increasing levels of professional burnout.

• The role of the ACGME is to accredit residency programs. **ACGME has no role or opinions** in the regulation of any physician workforce, including radiology.
Review Committee for Radiology
Review Committee Responsibilities

• Operate under delegated authority from the ACGME BOD
• Review program compliance with the published program requirements
• Revise and update the program requirements as scheduled
• Maintain communication with programs and specialty associations
Member Responsibilities

• Complete program review homework prior to each meeting
• Write an objective report on the review findings
• Report out to full group for consensus
• Participate in all meetings (Virtual or In-Person)
• Recuse themselves from any review considered a conflict of interest
Radiology Review Committee Composition

- Appointing organizations - ABR, ACR, AMA, and AOA
- 12 voting members (6yr term)
- One Public Member
- One Resident Member (2yr term)
  - Nominations from ACR and APDR; RC then selects from nominated candidates
- Program Directors, Chairs, DIOs, Faculty
# Radiology Committee Members 2022-2023

<table>
<thead>
<tr>
<th>Name</th>
<th>Position (Institution and Specialty)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Janet Bailey, MD</td>
<td>Chair (University of Michigan, Breast Imaging)</td>
</tr>
<tr>
<td>Victoria Marx, MD</td>
<td>(Chair-Elect) (USC, Interventional Radiology)</td>
</tr>
<tr>
<td>Dennis Balfe, MD</td>
<td>(Abdominal Radiology)</td>
</tr>
<tr>
<td>Mark McKinney, MD</td>
<td>Mayo Clinical Jacksonville (Interventional Radiology)</td>
</tr>
<tr>
<td>Teresa Chapman, MD</td>
<td>(Vice Chair) (University of Wisconsin, Pediatric Radiology)</td>
</tr>
<tr>
<td>Bruno Policeni, MD</td>
<td>(University of Iowa, Neuroradiology)</td>
</tr>
<tr>
<td>Kerri Conner, DO</td>
<td>AOA Member – Interventional Radiology (University of Oklahoma)</td>
</tr>
<tr>
<td>Eric Rohren, MD</td>
<td>(Baylor College of Medicine, Nuclear Radiology)</td>
</tr>
<tr>
<td>Toby Gordon, ScD</td>
<td>(Public Member) (Johns Hopkins)</td>
</tr>
<tr>
<td>Steven Shankman, MD</td>
<td>(Maimonides Medical Center, Musculoskeletal Radiology)</td>
</tr>
<tr>
<td>Joshua Ladner, MD</td>
<td>Resident Member (Madigan Army Medical Center)</td>
</tr>
<tr>
<td>David Wymer, MD</td>
<td>(University of Florida, Cardiothoracic)</td>
</tr>
</tbody>
</table>

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Jenny Campbell, MA
Assoc. Executive Director
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312.755.5004

Bianca Andino
Accreditation Administrator
bandino@acgme.org
312.755.5024
## Committee Meeting Dates

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Agenda Close</th>
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<tbody>
<tr>
<td>January 26-28, 2023</td>
<td>October 21</td>
</tr>
<tr>
<td>April 3-5, 2023</td>
<td>January 30</td>
</tr>
<tr>
<td>August 21-22, 2023</td>
<td>June 16</td>
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ACGME Updates
Milestones

Celebrating the completion of Milestones 2.0 for all specialties this spring!

Resources are added and updated throughout the year

Current resources include:
- CCC Guidebook
- Assessment Guidebook
- DOCC and TEAM Assessment Tools
- Clinician Educator Milestones
- Resident and Fellow Guidebook
These self-directed curricula provide the fundamentals of DEI and will enable participants to move through progressively more complex concepts.

- Trauma-Responsive Cultures
- Steps Leaders Can Take to Increase Diversity, Enhance Inclusion, and Achieve Equity
- Naming Racism and Moving to Action Part
- Women in Medicine
- Exposing Inequities and Operationalizing Racial Justice
- Patient Safety, Value, and Healthcare Equity: Measurement Matters
- American Indian and Alaskan Natives in Medicine
- And many more!

The ACGME designates this enduring material for a maximum of 18.0 AMA PRA Category 1 Credits™.
Faculty Development Courses

- Foundations of Competency-Based Medical Education
- Managing your Clinical Competency Committee
- Multi-Source Feedback
An ACGME listening session focused on creating a space for program directors to share experiences and hear from peers regarding issues related to program director well-being.

Join the event for an open discussion of challenges faced by program directors and potential solutions.

- April 11, 2023
- Registration required

https://dl.acgme.org/pages/well-being-tools-resources
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Deadline – March 24, 2023

Questions? cme@acgme.org
Questions?
Thank You