

SES094: Nuclear Medicine Specialty Update

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Conflict of Interest Disclosure

Speaker(s): Ruth Lim, MD
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....

- ✓ Overview of the Review Committee
- ✓ Nuclear Medicine Stats
- ✓ Shaping GME
- ✓ ACGME Updates

Topics for Today....

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- ✓ Overview of the Review Committee

Review Committee Function

The function of the Review Committee is to set accreditation standards (i.e., requirements) and to provide peer evaluation of residency and fellowship programs. The purpose of the evaluation is to assess whether a program is in substantial compliance with the applicable Program Requirements, and to confer an accreditation or recognition status.

All Review Committees operate under delegated authority by the ACGME Board of Directors.

Review Committee for Nuclear Medicine Composition

- ❖ Three nominating organizations – American Board of Nuclear Medicine (ABNM), Society of Nuclear Medicine and Molecular Imaging (SNMMI), and American Medical Association (AMA)
- ❖ Eight voting members (includes one resident and one public member)
- ❖ Six-year terms – except resident (two years)
- ❖ Composed of program directors, chairs, faculty

Review Committee Members 2025-2026

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Delphine L. Chen, MD – **Chair**
University of Washington

Yusuf Menda, MD
University of Iowa

Ruth Lim, MD – **Vice Chair**
Yale University

Joyce Mhlanga, MBChB
Washington University/B-JH/SLCH Consortium

Lance T. Hall, MD
Emory University

Erin Grady, MD
Stanford University

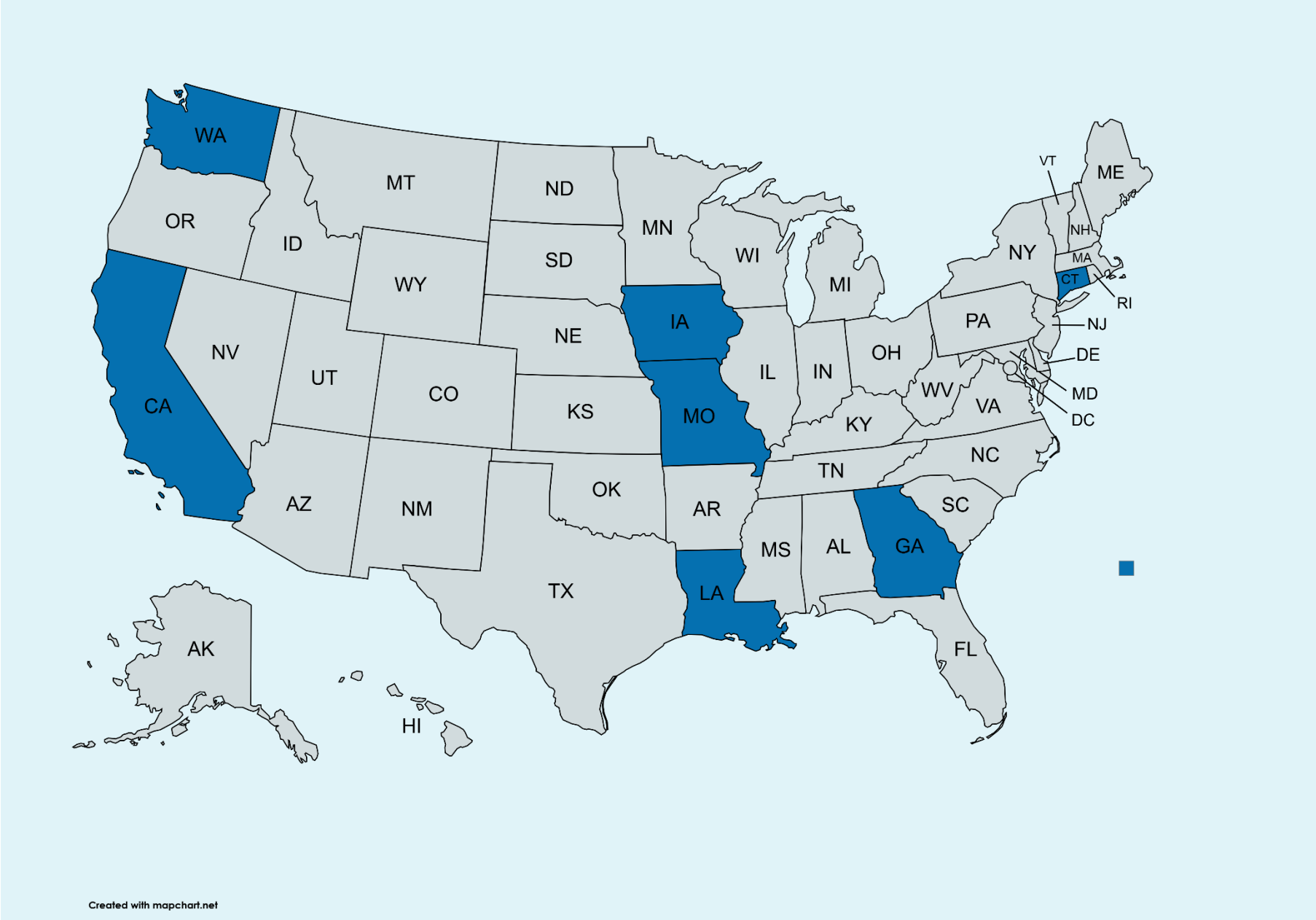
Sarah Gibbons, MBA, CNMT,
NMTCB(CT), FSNMMI-TS – **Public
Member**
Gurnick Academy of Medical Arts

Bianca Radut, MD – **Resident Member**
LSU Health Shreveport

ABNM Ex-Officio
Kirk Frey, MD

Geographic Distribution of Review Committee Members

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Nuclear Medicine 2025-2026

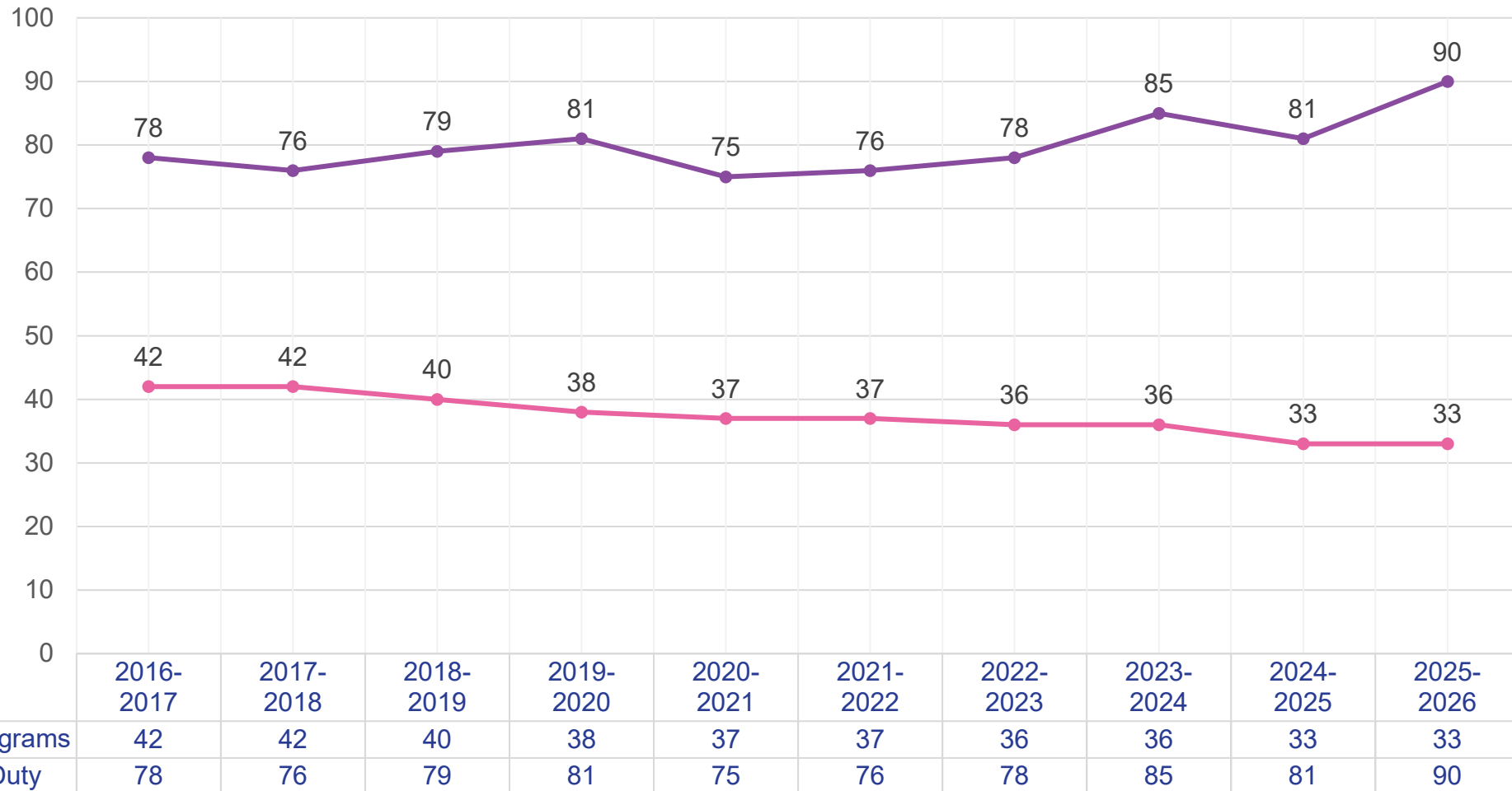
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- ✓ 33 accredited programs
- ✓ 90 total filled resident positions
- ✓ 131 total approved resident positions

Nuclear Medicine 10-Year Stats

Academic Year	# Programs	On Duty
2016-2017	42	78
2017-2018	42	76
2018-2019	40	79
2019-2020	38	81
2020-2021	37	75
2021-2022	37	76
2022-2023	36	78
2023-2024	36	85
2024-2025	33	81
2025-2026	33	90

Nuclear Medicine 10-Year Trends



Context: Growing PET market

U.S. diagnostic PET drug manufacturing is complex

> **3,000,000**
patient doses/year¹

> **100,000**
batches/year³

~ **150** PET
manufacturing
facilities^{2,3}

19
FDA approvals⁴

Slide courtesy of
Steven Zigler, PhD
Presented at SNMMI
MWM 2026



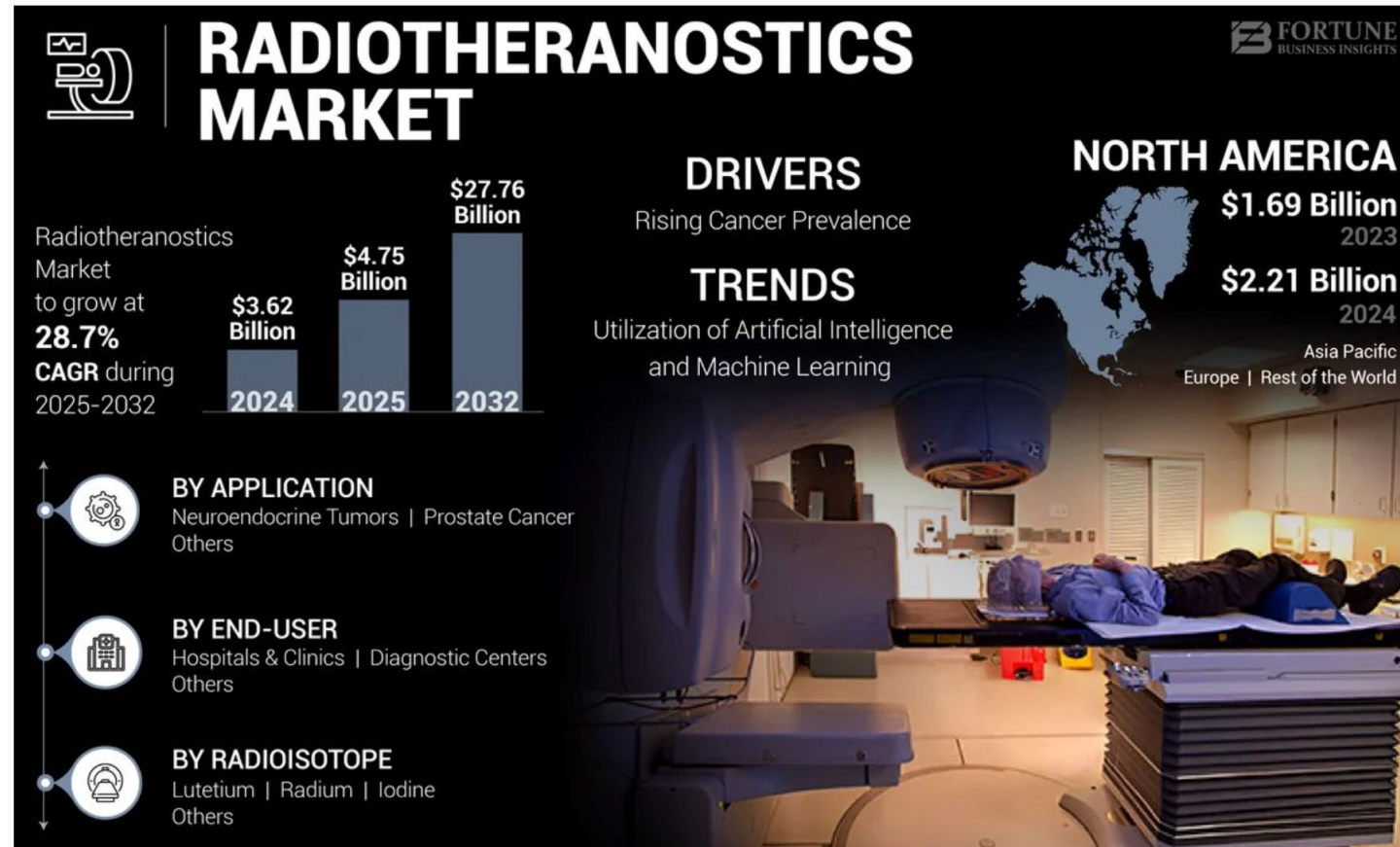
¹IMV 2023 PET Imaging Market Summary Report, 2024.

²O. Ikotun, B. Clarke, J. Sunderland, J Nucl Med, 53, Supp 1, May 2012, 1085.

³Surveys by SNMMI/MITA/Coalition of PET Drug manufacturers, 2020 and 2023.

⁴FDA Orange Book: Approved Drug Products with Therapeutic Equivalence, May 2025.

Context: Growing Theranostics Market



Slide courtesy of
Steven Zigler, PhD
Presented at SNMMI
MWM 2026

Source: Fortune Business Insights, www.fortunebusinessinsights.com/radiotheranostics-market-108932

Case Logs – Clinical Experience

REMEMBER:

- ✓ All programs are required to use the ACGME Case Log System
- ✓ Residents must enter **all** specified procedures performed during their residency education into the ACGME Case Log System regardless of stated minimums
- ✓ Incomplete data impedes the Review Committee's ability to set and modify realistic future benchmarks for the specialty

Shaping GME:
Program
Requirement
Revision
Process



The Shaping GME Requirement Revision Process Is *Underway* for Nuclear Medicine!

#ACGME2026

The process began in August 2024 and is in the last stages.

Over that time, the Writing Group has undertaken an information gathering process that included:

- ❖ Stakeholder Interviews
- ❖ A literature review
- ❖ A survey to solicit public feedback
- ❖ A stakeholder summit

The Shaping GME Requirement Revision Process Is Underway for Nuclear Medicine!

#ACGME2026

The goals of this major revision include development of evidence-based requirements informed by a comprehensive assessment of the literature and stakeholder input on key topics in GME.

Shaping GME: Requirement Revision Steps

1. Stakeholder Interviews –

The ACGME engaged a consulting company to conduct a series of qualitative interviews with several groups including health care influencers, early career specialists, program directors, stakeholder groups/organizations, and patients.

2. Literature Review –

ACGME researchers worked with Writing Group members to identify key topics relevant to resident education that guided a literature review to support the development of evidence-based standards.

Shaping GME: Requirement Revision Steps

#ACGME2026

3. Community Survey –

The Writing Group developed a survey to solicit stakeholder input on key questions that will guide requirement development.

4. Stakeholder Summit –

The Writing Group identified key issues that required stakeholder input and invited many (certifying boards, specialty societies, residents, recent graduates, program director organizations) to participate in a summit that was held in person at the ACGME office.

Shaping GME: Requirement Revision Steps

WE ARE HERE!

6. Requirement Development –

The Writing Group will develop specialty-specific requirements based on the evidence from the information gathered to date.

Next Steps

7. 45-Day Review and Comment Period –

Once drafted, the proposed Program Requirements will be posted to the ACGME's Review and Comment webpage for a 45-day public comment period.

8. Committee on Requirements (CoR) Review and Approval –

The requirement draft is reviewed by the CoR, a subcommittee of the ACGME Board of Directors. This is the final step.



Update: Projected Common Program Requirement Major Revision Timeline - Fellowships




Coming in July 2026!

Frequently Asked Questions (FAQs) integration into Requirements documents

- As part of the ACGME's Digital Transformation and following the reformatting of all Requirements documents, FAQs will be integrated into the Requirements documents.
- All common FAQs and specialty/subspecialty-specific FAQs will be available linked directly to specific requirements, where applicable.
- Except for FAQs already undergoing revision, **the content of the FAQs is not changing**, just their integration into requirements documents for ease of access.
- Revisions were also made to Resident/Fellow Transfers and Faculty Certification sections in many Program Requirements, effective July 1, 2026.

Frequently Asked Questions (FAQs) integration into Requirements documents



ACGME Program Requirements for
Graduate Medical Education in
Anesthesiology with FAQs

Revision Information

ACGME-approved interim revision September 3, 2025; effective September 3, 2025

ACGME-approved interim revision September 29, 2025; effective July 1, 2026

Definitions

For more information, see the [ACGME Glossary of Terms](#).

Core Requirements: Statements that define structure, resource, or process elements essential to every graduate medical educational program.

Detail Requirements: Statements that describe a specific structure, resource, or process, for achieving compliance with a Core Requirement. Programs and sponsoring institutions in substantial compliance with the Outcome Requirements may utilize alternative or innovative approaches to meet Core Requirements.

Outcome Requirements: Statements that specify expected measurable or observable attributes (knowledge, abilities, skills, or attitudes) of residents or fellows at key stages of their graduate medical education.

Osteopathic Recognition

For programs with or applying for Osteopathic Recognition, the Osteopathic Recognition Requirements also apply (www.acgme.org/OsteopathicRecognition).

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Anesthesiology with FAQs
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Frequently Asked Questions (FAQs) integration into Requirements documents

1.2. The program, with approval of its Sponsoring Institution, must designate a primary clinical site. (Core)

1.2.a. The Sponsoring Institution must also sponsor or be affiliated with ACGME-accredited residencies in at least the specialties of general surgery and internal medicine. (Core)

[See FAQ in Appendix]

Anesthesiology with FAQs

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7. Frequently Asked Questions: Anesthesiology

Review Committee for Anesthesiology

ACGME

Section 1: Oversight

Questions concerning *"The Sponsoring Institution must also sponsor or be affiliated with ACGME-accredited residencies in at least the specialties of general surgery and internal medicine. (Core)"* (1.2.a)

Q: How can affiliation with ACGME-accredited general surgery and internal medicine residency programs be demonstrated?

A: If the program's Sponsoring Institution does not sponsor ACGME-accredited residencies in both general surgery and internal medicine, affiliation can be demonstrated to the Review Committee as to the relationship between the programs through an affiliation agreement, program letter of agreement (PLA), or an explanation of how affiliation is demonstrated through the integration of resident education with each of the specialties.

Questions concerning *"Residents should not be required to rotate among multiple participating sites. (Detail)"* (1.6.a.1.a)

Q: Why should residents not be required to rotate among multiple participating sites?

A: The intent of this requirement is to ensure residents are not required to travel unnecessarily to hospitals or other clinical sites for education or training that could reasonably be provided locally by the Sponsoring Institution's affiliated sites. The Review Committee understands that some programs, such as those sponsored by institutions in rural areas based on a consortium model, will by necessity have residents rotate across three to four sites to achieve the required rotations. The focus of the requirement is to protect the residents from being used to meet the service needs of multiple hospitals/clinical operations.

Anesthesiology with FAQs

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Accreditation of Combined Programs

- Existing combined programs listed in the Accreditation Data System (ADS) were offered an opt-in
 - 130 of 133 were assigned Initial Accreditation
 - Review Committee review in 2027 (after site visit), for programs to achieve Continued Accreditation
- New program applications are open (two already processed)
- No format-specific program requirements
 - Programs expected to adhere to specialty-specific requirements, w/ conflicts addressed in (general, not format-specific) Combined Program Requirements
 - Block diagram should communicate adherence to posted certifying board curricula
- Residents in combined programs are only in that program's ADS roster
- Feedback on this new process is welcome
- See [combined programs webpage](#) or contact accreditation@acgme.org



 Listening  Information  News  Collaboration

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- ✓ Stay informed on important updates and initiatives
- ✓ Engage in interactive activities
- ✓ Provide feedback and share ideas
- ✓ Visit the page on [acgme.org](https://www.acgme.org/education-and-resources/acgme-linc/) to view upcoming sessions and register: <https://www.acgme.org/education-and-resources/acgme-linc/>



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FUNDING OPPORTUNITY FOR RESIDENT AND FELLOW LEADERS



OPPORTUNITY DESCRIPTION

Resident- or fellow-developed and led projects to enhance meaning in clinical learning environments by fostering the physician-patient relationship



PROJECT ASSESSMENT CRITERIA

- Strengthens relationships with patients
- Sustainable
- Adaptable to other programs or contexts
- Innovative and cost-effective



PROJECT FUNDING

Additional travel stipend available to offset costs to attend Learning Collaborative meetings in Chicago, Illinois and the 2028 ACGME Annual Educational Conference in Orlando, Florida.

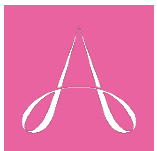
FUNDING OPTIONS

- 1: up to \$10,000
- 2: up to \$5,000



**SCAN QR CODE
FOR MORE INFO**

**PROPOSALS DUE:
APRIL 20, 2026**



Questions?



Thank you!