Nuclear Medicine Residency
New Program Requirements

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Nuclear Medicine Program Directors Meeting
2014 SNMMI MidWinter Meeting
Palm Springs, California
February 8, 2014
New Requirements as of July 1, 2014

- ACGME Next Accreditation System
- ACGME Nuclear Medicine RRC Program Requirements
- Reflect trends
  - Measurements and data collection
  - Greater documentation in greater detail
  - Greater emphasis on competence, patient safety, and quality
ACGME Next Accreditation System (NAS)

- New emphasis on outcomes for efficacy of resident education
  - Better trained physicians
  - Higher quality patient care

- Ongoing data collection
  - Annual program updates through WebADS
  - Resident Milestones evaluations
  - Resident case-logs
  - Site visits q10 years
  - Self-studies prior to site visits
ACGME NAS Components

• Milestones
  • Track the progress of residents’ competence according to their level of training
  • More detailed assessment of resident performance in specific skills

• Clinical Competency Committee (CCC), from Common PR 7/1/13
  • Group assessment of resident performance & Milestones achievements
  • Comprises PD and at least 2 other appointed program faculty members
  • Must have written descriptions of responsibilities for each member
  • Must evaluate each resident and report results on semi-annual basis
Clinical Learning Environment Review (CLER) Program for Sponsoring Institutions

• Shift from focus on duty-hours
  • Patient safety
  • Quality improvement
  • Transitions in care
  • Supervision
  • Duty hours oversight, fatigue management & mitigation
  • Professionalism

• Three features
  • Periodic CLER site visits “frequent on-site sampling”
  • Evaluation committee
  • Faculty development
NM RRC Program Requirements

• PD & faculty
• Other general program requirements
• Resident qualifications & experience
• Program performance
New PD Requirements

• Should serve for minimum of 5 years

• Qualifications
  • ABR with SS Nuclear Radiology acceptable
  • Must be AU for 10 CFR 35.190, 290, 390, incl. 392, 394, and 396
  • Must actively participate in MOC
  • Must have a full-time appointment
  • Min. 3y as faculty member in ACGME-accredited NM residency program prior to appointment as PD
New Program Faculty Requirements

• Higher scholarly activity requirement for core faculty members

When averaged over the preceding five years, each core faculty member as a whole must have demonstrated ongoing participation in at least one scholarly activity annually during the past five years.
New Resident Eligibility Requirements

• Prior training no longer considered acceptable
  • For NM1: ≥2 years outside of US or Canada AND passing score USMLE Step 3

• For NM1, NM2 or NM3: American Osteopathic Association (AOA)
Other New Program Requirements

• Program must be based at the primary clinical site

• There must be a designated PC

• There must be sufficient volume and variety of patients/procedures to ensure full range of experience in NM/MI
Other New Program Requirements

III.D. Appointment of Fellows and Other Learners

The presence of other learners (including, but not limited to, residents from other specialties, subspecialty fellows, PhD students, and nurse practitioners) in the program must not interfere with the appointed residents’ education. (Cont)

III.D.1. The program director must report the presence of other learners to the DIO and GMEC in accordance with sponsoring institution guidelines. (Detail)

III.D.2. The presence of nuclear medicine residents must not dilute or detract from the educational opportunities available to the residents in the core diagnostic radiology residency and to the fellows in the nuclear radiology fellowship if these programs are sponsored by the same institution. (Cont)
Other New Program Requirements

• Documentation in greater detail
  • Lecture schedule with date, topic, speaker, duration
  • Attendance logs for didactic activities

• Greater specificity of Systems Based Practice
New Procedure Requirements

• Case-log requirement as of 7/1/13 (7/1/12)

• Therapies
  • Oral I-131 therapies
    • Min. 30 overall, at least 10 each for benign and malignant dz, respectively
    • At least 3 \( \leq 33 \) mCi and at least 3 \( > 33 \) mCi
    • At least 5 parenteral therapies with alpha- or beta-emitters, etc.
  
• Cardiac: 100 exercise or pharmacologic stress procedures

• Pediatric: 100 cases over course of learning (prev. 25/year sugg.)
New Procedure Requirements

• Min. 6 months of CT (4 on dx CT service) for NM1, NM2 appointees

• New limitations on electives and/or dedicated research
  • NM1 appointee: 6 months (3 mos.)
  • NM2 appointee: 4 months (2 mos.)
  • NM3 appointee: 2 months
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<td>1471</td>
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<tr>
<td>1472</td>
<td>When averaged over the preceding five years:</td>
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<td>at least 70 percent of residents who enter a program should graduate. (Note:*)</td>
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<td>at least 75 percent of a program’s graduates should take the American Board of Nuclear Medicine (ABNM) certifying examination within three years of graduation; and. (Note:*)</td>
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Changes effective July 1, 2014

• NAS
  • Milestones
  • CCC
  • CLER

• New PR
  • PD & faculty
  • General program
  • Resident
  • Program performance

• Greater documentation, greater detail
• Emphasis on competence, patient care, and quality
NAS Resources


• NEJM Article: [http://www.acgme.org/acgmeweb/Portals/0/PDFs/NAS/NEJMfinal.pdf](http://www.acgme.org/acgmeweb/Portals/0/PDFs/NAS/NEJMfinal.pdf)


• CLER
  • [http://www.acgme.org/acgmeweb/Portals/0/PDFs/Milestones/NuclearMedicineExamples.pdf](http://www.acgme.org/acgmeweb/Portals/0/PDFs/Milestones/NuclearMedicineExamples.pdf)
  • [http://www.acgme.org/acgmeweb/Portals/0/PDFs/CLER/CLEROverview_print.pdf](http://www.acgme.org/acgmeweb/Portals/0/PDFs/CLER/CLEROverview_print.pdf)
Program Requirement Resources

• Common Program Requirements:
  http://www.acgme.org/acgmeweb/Portals/0/PFAssets/ProgramRequirements/CPRs2013.pdf
  • Clinical Competency Committee
    • www.acgme.org/acgmeweb/Portals/0/PDFs/SlideDecks/SLIDEDECK-FDCCC2013.pptx - 2013-12-19
    • http://www.acgme.org/acgmeweb/Portals/0/PDFs/FAQ/CCC_PEC_FAQs.pdf
    • http://www.acgme.org/acgmeweb/Portals/0/PDFs/ACGMEAssessmentWebinar.pdf

• New NM Program Requirements, effective July 1, 2014:
  http://www.acgme.org/acgmeweb/Portals/0/PFAssets/ProgramRequirements/200_nuclear_medicine_07012014_TCC.pdf

• NM Milestones
  • http://www.acgme.org/acgmeweb/Portals/0/PDFs/Milestones/NuclearMedicineMilestones.pdf
  • http://www.acgme.org/acgmeweb/Portals/0/PDFs/Milestones/NuclearMedicineExamples.pdf