**New Application: Radiology**

401 North Michigan Avenue · Chicago, Illinois 60611 · United States · +1.312.755.7042 www.acgme-i.org

**Submission for Initial Accreditation:** This Advanced Specialty Application is for programs applying for **Initial Accreditation ONLY**and is used in conjunction with the Accreditation Data System (ADS).

All sections of the form applicable to the program must be completed for it to be accepted for review. The information provided should describe the existing program. For items that do not apply, indicate “N/A” in the space provided. Where patient numbers are requested, provide exact numbers as requested and indicate the exact dates for the data entered. If any requested information is unavailable, an explanation must be given, and it should also be indicated as unavailable in the appropriate place on the form. Once the form is complete, number the pages sequentially in the bottom center.

The program director is responsible for the accuracy of the information supplied in this form, and must sign it. It must also be signed by the designated institutional official (DIO) of the Sponsoring Institution, who will submit the application electronically in ADS.

Review the International Foundational Program Requirements for Graduate Medical Education and Advanced Specialty Program Requirements for Graduate Medical Education in Radiology. The International Foundational, Advanced Specialty, and Institutional Requirements may be downloaded from the ACGME International website: [www.acgme-i.org](http://www.acgme-i.org/).

Email questions regarding the form’s content to acgme-i@acgme-i.org.

Email questions regarding ADS to ADS@acgme.org (type the program number in the subject line).

**New Application: Radiology**

401 North Michigan Avenue · Chicago, Illinois 60611 · United States · +1.312.755.7042 www.acgme-i.org

|  |
| --- |
| Program Name: Click here to enter text. |

**Table of Contents**

When the forms are completed, **number each page sequentially in the bottom center**. Report this pagination in the Table of Contents and submit this cover page with the completed application.

|  |  |
| --- | --- |
| **Advanced Specialty New Application**  | **Page(s)**  |
| **Int. Introduction** | #  |
| Duration of Education  | #  |
| **I. Institution** | #  |
| I.A. Sponsoring Institution  | NA  |
| I.B. Participating Sites  | #  |
| **II. Program Personnel and Resources** | #  |
| II.A. Program Director  | #  |
| II.B. Faculty  | #  |
| II.C. Other Program Personnel  | #  |
| II.D. Resources  | #  |
| **III. Resident Appointment** | #  |
| III.A. Eligibility Criteria  | #  |
| III.B. Number of Residents  | #  |
| III.C. Resident Transfers | NA |
| III.D. Appointment of Fellows and Other Learners | NA |
| **IV. Specialty-Specific Educational Program** | # |
| IV.A. ACGME-I Competencies | # |
| IV.B. Regularly Scheduled Educational Activities | # |
| IV.C. Clinical Experiences  | # |
| IV.D. Scholarly Activity | # |
| **V. Evaluation** | NA |
| **VI. The Learning and Working Environment** | # |
| VI.A. Principles | NA |
| VI.B. Patient Safety | NA |
| VI.C. Quality Improvement | NA |
| VI.D. Supervision and Accountability | # |
| VI.E. Professionalism | NA |
| VI.F. Well-Being | NA |
| VI.G. Fatigue | NA |
| VI.H. Transitions of Care | NA |
| VI.I. Clinical Experience and Education | NA |
| VI.J. On-Call Activities | #  |
| Appendix A. Formal Didactic Sessions by Academic Year  | #  |
| Appendix B. Patient Population Data  | #  |

**New Application: Radiology**

401 North Michigan Avenue · Chicago, Illinois 60611 · United States · +1.312.755.7042 www.acgme-i.org

**Introduction**

**Duration and Scope of Education**

* + - 1. Will the residency program include an integrated PGY-1? [ ] YES [ ] NO

If ’YES,’ complete all sections of the application that pertain to the PGY-1.

|  |
| --- |
| * + - 1. What will be the length, in months, of the educational program?

Choose an item. |

**Institutions**

**Participating Sites**

How will the program ensure residents interact with residents and fellows from other specialties and subspecialties to facilitate the interchange of knowledge and experience? (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

* + - 1. Will the program use multiple participating sites for resident education? [ ] YES [ ] NO

If ‘YES,’ how will the program ensure provision of a cohesive educational experience?
(Limit 300 words)

|  |
| --- |
| Click here to enter text. |

If ‘YES,’ how will the program ensure each site offers meaningful educational experiences that enrich the overall program? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

**Program Personnel and Resources**

**Program Director**

Will the program director:

maintain an active practice in radiology? [ ] YES [ ] NO

participate in faculty development activities? [ ] YES [ ] NO

review procedural experiences at least annually? [ ] YES [ ] NO

Explain an ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

**Faculty**

* + - 1. List all faculty members with education/training and expertise in each of the practice domains. Add rows as needed.

|  |  |  |
| --- | --- | --- |
| **Subspecialty Area** | **Name of Faculty Member** | **Percent Time Devoted to this Subspecialty Area** |
| Abdominal radiology |  |  |
|  |  |
|  |  |
|  |  |
| Breast radiology |  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| Cardiothoracic radiology |  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| Interventional radiology |  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| Musculoskeletal radiology |  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| Neuroradiology |  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| Nuclear radiology and molecular imaging |  |  |
|  |  |
|  |  |
|  |  |
| Pediatric radiology |  |  |
|  |  |
|  |  |
|  |  |

* + - 1. Explain if any of the faculty members listed above will not demonstrate commitment to the practice domain by one of the following:
				1. Subspecialty certification
				2. Successful completion of a fellowship
				3. Three years of subspecialty practice
				4. Active participation in a clinical or academic society associated with the practice domain
				5. Publications and presentations in the practice domain
				6. Annual continuing medical education credits in the practice domain

(Limit 400 words)

|  |
| --- |
| Click here to enter text. |

* + - 1. Will one core faculty member be responsible for the educational content of each practice domain, and organize conferences that cover topics in that domain? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

* + - 1. Will one faculty member ensure that subject matter experts develop and conduct didactic sessions in each of the following?
				1. Computed tomography (CT) [ ] YES [ ] NO
				2. Magnetic resonance imaging (MRI) [ ] YES [ ] NO
				3. Radiography/fluoroscopy [ ] YES [ ] NO
				4. Reproductive/endocrine imaging [ ] YES [ ] NO
				5. Ultrasonography [ ] YES [ ] NO
				6. Vascular imaging? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

* + - 1. Will there be faculty or other staff members within the institution with expertise in quality, safety, and informatics? [ ] YES [ ] NO

If “YES,” will these experts develop didactic content related to their area of expertise? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

* + - 1. How will the program ensure that no faculty member has primary responsibility for the educational content of more than one practice domain? (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

**Other Program Personnel**

1. Will there be a dedicated program coordinator who has sufficient time to fulfill the responsibilities essential to meeting the educational goals and administrative requirements of the program?

 [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

**Resources**

1. How will the program ensure there is adequate space, necessary equipment, and modern facilities as required for all rotations? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. Using site numbers as listed in ADS, complete the table below with the total radiologic examinations performed at each of the planned participating sites during the last 12-month period. *Site #1 is the primary clinical site.*

|  |  |
| --- | --- |
| **Site Number**  | **Total Number of Radiologic Examinations in the Last 12 Months** |
| Site #1 | # |
| Site #2 | # |
| Site #3 | # |
| Site #4 | # |
| Site #5 | # |

1. Using site numbers as listed in ADS, complete the table below with the total number of examinations in each of the practice domains at each of the planned participating sites during the last 12-month period. *Site #1 is the primary clinical site.*

|  |  |
| --- | --- |
| **Practice Domain** | **Site Number** |
| **Site #1** | **Site #2** | **Site #3** | **Site #4** | **Site #5** |
| Neuroradiology | # | # | # | # | # |
| Musculoskeletal radiology | # | # | # | # | # |
| Vascular and Interventional radiology | # | # | # | # | # |
| Cardiothoracic radiology | # | # | # | # | # |
| Breast radiology | # | # | # | # | # |
| Abdominal radiology | # | # | # | # | # |
| Pediatric radiology | # | # | # | # | # |
| Ultrasonography | # | # | # | # | # |
| Nuclear radiology | # | # | # | # | # |

Describe any additional sites not indicated above. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

**Resident Appointment**

**Eligibility Criteria**

1. How will entering residents complete the prerequisite broad-based clinical year?
2. Completion of an ACGME-I-, Accreditation Council for Graduate Medical Education (ACGME)-, or Royal College of Physicians and Surgeons of Canada (RCPSC)-accredited transitional year program [ ] YES [ ] NO
3. Completion of 12 months of general surgery or internal medicine [ ] YES [ ] NO
4. Completion of a PGY-1 with oversight from a government or regulatory body [ ] YES [ ] NO
5. Through a PGY-1 integrated into the radiology residency program [ ] YES [ ] NO

Explain if ‘NO’ to all of the above. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

If the broad-based clinical year will be the responsibility of a governmental or regulatory body, answer Questions 2 and 3 below.

If the program will include an integrated PGY-1, answer Questions 4 and 5 below.

If the broad-based clinical year will be completed in an accredited program or an accredited preliminary year, skip to the Number of Residents section below.

1. What are the clinical experiences that will be required by the governmental or regulatory body responsible for the broad-based clinical year? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. How will the program ensure an evaluation of each resident’s fundamental clinical skills is completed within six weeks of matriculation into the categorical residency? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. Will the integrated PGY-1:
	1. allow residents to engage in direct patient care, including writing orders, progress notes, and relevant records? [ ] YES [ ] NO
	2. allow residents to have first-contact responsibility for evaluation and management of all types and acuity levels of patients with proper supervision? [ ] YES [ ] NO
	3. allow residents to have responsibility for decision-making? [ ] YES [ ] NO
	4. provide a structured program based on scientific knowledge and evidence-based medicine?
	 [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Will all residents entering the first year of the categorical radiology program have opportunities to achieve the following clinical skills and competencies during the integrated PGY-1?
2. Obtaining a comprehensive medical history [ ] YES [ ] NO
3. Performing a comprehensive physical examination [ ] YES [ ] NO
4. Assessing a patient’s medical condition [ ] YES [ ] NO
5. Making appropriate use of diagnostic studies and tests [ ] YES [ ] NO
6. Integrating information to develop a differential diagnosis [ ] YES [ ] NO
7. Developing, implementing, and evaluating a treatment plan [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

**Number of Residents**

How will the program ensure there are a minimum of two residents in each year of the educational program? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

**Specialty-Specific Educational Program**

**ACGME-I Competencies**

**Professionalism**

1. How will graduating residents demonstrate a commitment to fulfilling their professional responsibilities and adhering to ethical principles?

Describe how this will be evaluated. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How will graduating residents demonstrate the following?

Compassion, integrity, and respect for others

* 1. Responsiveness to patient needs that supersedes self-interest
	2. Respect for patient privacy and autonomy
	3. Accountability to patients, society, and the profession
	4. Sensitivity and responsiveness to a diverse patient population, including to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation
	5. Ethical and medical jurisprudence

Provide examples of how these traits will be assessed in four of the six areas listed. (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

**Patient Care and Procedural Skills**

1. How will graduating residents demonstrate the ability to provide population (patient) care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health?

Describe how this will be evaluated. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How will graduating residents demonstrate competence in safe, efficient, appropriately utilized, quality-controlled radiology techniques? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. How will graduating residents demonstrate competence in the following?

Generating ultrasound images using the transducer and imaging system, and interpreting ultrasonographic examinations of various types

Interpreting CT, MRI, radiography, and radionuclide imaging of the cardiovascular system (heart and great vessels)

Interpreting images obtained during the performance of interventional procedures and integration of the imaging findings into the procedure

Provide examples of how competence will be assessed in each of areas listed. (Limit 350 words)

|  |
| --- |
| Click here to enter text. |

1. How will graduating residents demonstrate competence in the following?

Applying low-dose radiation to adults and children

Managing contrast reactions

Provide examples of how competence will be assessed in each of areas listed. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. How will graduating residents demonstrate competence in using needles, catheters, guide wires, balloons, stents, stent-grafts, vascular filters, embolic agents, biopsy devices, ablative technologies, and other interventional devices? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. How will graduating residents demonstrate competence in the following?

Accessing, interpreting, and applying best scientific evidence to the care of patients (evidence-based medicine)

Administering pharmacologic agents, including sedatives, analgesics, antibiotics, and other drugs commonly employed in conjunction with endovascular, invasive, and non-vascular procedures

Awareness of radiation exposure, protection, and safety, as well as the application of these principles in imaging

Communicating effectively and in a timely manner the results of procedures, studies, and examinations to the referring physician and/or appropriate individuals

Provide examples of how competence will be assessed in three of the four areas listed. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How will the program evaluate graduating residents’ ability to perform basic image-guided procedures and perform invasive diagnostic venous and arterial imaging? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How will the program ensure all residents have experience with a sufficient variety of patients and pathological conditions to competently perform vascular and non-vascular image-guided interventions? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

**Medical Knowledge**

How will graduating residents demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, as well as the application of this knowledge to patient care?

Describe how knowledge will be evaluated. (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. How will graduating residents demonstrate knowledge of the following?
2. Appropriate and patient-centered imaging utilization
3. Health care economics
4. Physiology, utilization, and safety of contrast agents and pharmaceuticals
5. Quality improvement techniques
6. Radiologic/pathologic correlation
7. The principles of imaging physics, including CT, dual-energy X-ray absorptiometry, fluoroscopy, gamma camera and hybrid imaging, MRI, radiography, and ultrasonography

Provide examples of how knowledge will be assessed in four of the six areas listed. (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

**Practice-based Learning and Improvement**

1. How will graduating residents demonstrate their ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and lifelong learning?

Describe how these will be evaluated. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How will graduating residents demonstrate they have developed skills and habits to meet the following goals?
2. Identify strengths, deficiencies, and limits in one’s knowledge and expertise
3. Set learning and improvement goals
4. Identify and perform appropriate learning activities
5. Systematically analyze clinical practice using quality improvement methods, and implement changes with the goal of practice improvement
6. Incorporate formative evaluation feedback into daily practice
7. Locate, appraise, and assimilate evidence from scientific studies related to their patients’ health problems
8. Use information technology to optimize learning
9. Participate in the education of patients, patients’ families, students, other residents, and other health professionals

Provide examples of how skill will be assessed in five of the eight areas listed. (Limit 500 words)

|  |
| --- |
| Click here to enter text. |

**Interpersonal and Communication Skills**

1. How will graduating residents demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and other health professionals?

Describe how these skills will be evaluated. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How will graduating residents demonstrate the following abilities?
2. Communicating effectively with patients, patients’ families, and the public, as appropriate, across a broad range of socioeconomic and cultural backgrounds
3. Communicating effectively with physicians, other health professionals, and health-related agencies
4. Working effectively as a member or leader of a health care team or other professional group
5. Acting in a consultative role to other physicians and health professionals
6. Maintaining comprehensive, timely, and legible medical records
7. Obtaining informed consent, and effectively describing imaging appropriateness, safety issues, and the results of diagnostic imaging and procedures to patients
8. Supervising, providing consultation to, and teaching medical students and/or other residents
9. Functioning as a consultant for other health care professionals and acting as a resource for information regarding the most appropriate use of imaging resources

Provide examples of how skill will be assessed in five of the eight areas listed. (Limit 500 words)

|  |
| --- |
| Click here to enter text. |

 **Systems-based Practice**

1. How will graduating residents demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care?

Describe how these skills will be evaluated. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How will graduating residents demonstrate the following abilities?
2. Working effectively in various health care delivery settings and systems relevant to their clinical specialty
3. Coordinating patient care within the health care system relevant to their clinical specialty
4. Incorporating considerations of cost awareness and risk-benefit analysis in patient and/or population-based care as appropriate
5. Advocating for quality patient care and optimal patient care systems
6. Working in interprofessional teams to enhance patient safety and improve patient care quality
7. Participating in identifying system errors and implementing potential systems solutions

Provide an example of how skill will be assessed in four of the six areas listed. (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

**Regularly Scheduled Educational Activities**

1. Complete Appendix A, Formal Didactic Sessions by Academic Year, and attach to submission.
2. If it will include an integrated PGY-1,how will the program ensure didactic sessions during the PGY-1 are planned to enhance and correspond to the residents’ fundamental clinical skills education? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. Will the curriculum include at least five hours per week of didactic education? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

If ‘YES,’ will the following topics be included?

Anatomy [ ] YES [ ] NO

Chemistry of by-product material for medical use [ ] YES [ ] NO

Classroom and laboratory training in basic radionuclide handling techniques [ ] YES [ ] NO

Clinical application of medical physics [ ] YES [ ] NO

Content in each of the practice domains [ ] YES [ ] NO

Disease processes [ ] YES [ ] NO

Diversity [ ] YES [ ] NO

Ethics [ ] YES [ ] NO

Imaging and physiology [ ] YES [ ] NO

Instrumentation and radiation biology [ ] YES [ ] NO

Mathematics pertaining to use and measurement of radioactivity [ ] YES [ ] NO

Radiation physics [ ] YES [ ] NO

Physician well-being [ ] YES [ ] NO

Professionalism [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

* + - 1. How will the program ensure there are interactive conferences and interdepartmental conferences in which both residents and faculty members participate? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. Will all residents:
	1. be able to participate in all scheduled didactic conferences either in-person or by electronic means?

 [ ] YES [ ] NO

* 1. have protected time to attend lectures and conferences scheduled by the program? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

**Clinical Experiences**

If the program will include an integrated PGY-1, answer Questions 1-4 below.
If the program will not have an integrated PGY-1, skip to Question 5 below.

Specify the duration (in months where four weeks = one month) for each rotation or experience during the integrated PGY-1.

|  |  |
| --- | --- |
| Critical care | Duration |
| Diagnostic radiology | Duration |
| Emergency medicine  | Duration |
| Family medicine  | Duration |
| Internal medicine  | Duration |
| Neurology  | Duration |
| Obstetrics and gynecology  | Duration |
| Pediatrics | Duration |
| Surgery or other surgical specialties | Duration |
| Elective experiences | Duration |

* + - 1. Will all residents have clinical experiences in ambulatory care during the integrated PGY-1? [ ] YES [ ] NO

If ‘YES,’ indicate the number of hours of planned ambulatory care experience: # hours

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Will all residents entering the first year of the categorical radiology program complete each of the rotations indicated in the table in Question 1 above? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Will elective experiences during the integrated PGY-1 be determined by the educational needs of each individual resident? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. How will the educational program be structured to allow residents to have clinical experiences in nuclear radiology, including positron emission tomography (PET) and nuclear cardiology, ultrasonography (to include obstetric and vascular ultrasound), breast radiology, cardiac radiology, gastrointestinal radiology, reproductive and endocrine radiology, thoracic radiology, urinary radiology, and vascular radiology? (Limit 500 words)

|  |
| --- |
| Click here to enter text. |

1. For programs with 48 months of education in radiology, will the period of time in any one of the 10 subspecialty areas exceed 16 months? [ ] YES [ ] NO [ ] NA

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. For programs with 60 months of education in radiology, will the period of time in any one of the 10 subspecialty areas exceed 20 months? [ ] YES [ ] NO [ ] NA

Explain if ‘NO.’

|  |
| --- |
| Click here to enter text. |

1. Will all residents have an experience in clinical nuclear radiology? [ ] YES [ ] NO

If ‘YES,’ will the experience:

include adhering to the ALARA (as low as reasonably achievable) principle? [ ] YES [ ] NO

* 1. include calibrating and administering unsealed radioactive materials for diagnostic and therapeutic use? [ ] YES [ ] NO
	2. include completing written directives? [ ] YES [ ] NO
	3. include conducting area surveys? [ ] YES [ ] NO
	4. include ensuring radiation protection, including use of dosimeters, exposure limits, and signage? [ ] YES [ ] NO
	5. include managing radioactive waste? [ ] YES [ ] NO
	6. include prevention of medical events? include using radiation measuring instruments? [ ] YES [ ] NO
	7. include receiving packages? [ ] YES [ ] NO
	8. include responding to radiation spills and accidents? [ ] YES [ ] NO
	9. include supervision by a faculty member with expertise in basic radionuclide handling techniques and radiation safety? [ ] YES [ ] NO
	10. include using generator systems? [ ] YES [ ] NO
	11. include using radiation measuring instruments? [ ] YES [ ] NO
	12. involve all operational and quality control procedures integral to the practice of nuclear radiology? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Will each resident have documented supervised experience in oral administration of I-131?

 [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. How will the program ensure all residents have clinical rotations in breast imaging and document the interpretation/multi-reading of mammograms in the ACGME-I Case Log System?
(Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. Will each resident have documented supervised experience in the following interventional procedures, including the performance, interpretation, and complications of each?
2. Angioplasty [ ] YES [ ] NO
3. Drainage procedures [ ] YES [ ] NO
4. Embolization and infusion procedures [ ] YES [ ] NO
5. Image-guided biopsies [ ] YES [ ] NO
6. Other percutaneous interventional procedures [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. How will the program ensure all residents maintain current certification in advanced cardiac life support? (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Will all residents have experience in sedation analgesia? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

**Scholarly Activity**

* 1. Will all residents have education and training in critical thinking skills and research design?
	 [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

* 1. Will all residents engage in a scholarly project under faculty member supervision? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

* 1. How will the program ensure all resident research projects are published or presented at institutional, local, regional, or national meetings? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

* 1. How will residents’ research projects will be evaluated? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

**The Learning and Working Environment**

**Supervision and Accountability**

Will faculty member supervision be available at all participating sites? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

How will the program ensure a systematic review of radiologic images evaluated only by residents is conducted to confirm accuracy, including that all residents’ reports are signed and reviewed by faculty members within 24 hours, or that there is routine sampling of residents’ reports for faculty member over-read to check accuracy? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

Will residents always have faculty members available when taking night, weekend, or holiday call?

 [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

* 1. How will the program ensure residents interpret examinations with direct supervision until they have completed at least 12 months of the educational program? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

**On-Call Activities**

* 1. How will the program ensure that residents’ on-call activities, including duty after hours and on weekends and holidays, begin in the second year of the educational program and occur throughout the remainder of the program?(Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. Will residents’ on-call experiences include interpretation, reporting, and management of active cases? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

Appendix A. Formal Didactic Sessions by Academic Year

For each year of the residency, attach (Label: Appendix A.) a list of all scheduled didactic courses (including discussion groups, seminars and conferences, grand rounds, basic science, skills labs, and journal club) at all participating sites to which residents will rotate, using the format below. If attended by residents from multiple years, list in each year but provide a full description *only the first time the site is listed*.

Number sessions **consecutively** from the first year through the final year so that the scheduled didactic sessions can be easily referenced throughout the application. **Be brief and use the outline that follows**.

Year in the Program:

Number: Title:

a) Type of Format (e.g., seminar, conference, discussion groups)

b) Required or elective

c) Brief description (three or four sentences)

d) Frequency, length of session, and total number of sessions

**Example:**

|  |
| --- |
| Y-101. Introduction to Radiologya) Seminarb) Required Y-1c) Survey of contemporary methods and styles of radiology, including approaches to clinical work with minority populations.d) Weekly, for 8 sessions02. Departmental Grand Roundsa) Discussion groupsb) Required, Y-1, Y-2, Y-3; Elective Y-4c) Clinical case presentations, sponsored by each departmental division, followed by discussion and review of contemporary state of knowledge. Format includes resident presentations and discussions with additional faculty discussant.d) Twice monthly, 24 sessions |

|  |
| --- |
| Click here to enter text. |

If resident attendance will be monitored, explain how this will be accomplished and how feedback will be given regarding non-attendance. (Limit 250 words)

**Appendix B. Patient Population Data**

Complete and attach the following tables summarizing the total number of studies completed annually at each of the planned participating sites (Label: Appendix B.). The numbers should reflect total volume at each site to which residents will rotate.

Participating sites are indicated by a number which must correspond to the number designated for that site in ADS. The primary clinical site must be designated as Site #1. If additional sites are not planned, columns can be left blank.

The data in Table 1 is for a one-year period:

From: Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ To: Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Table 1. General Case Categories

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Category** | **Site #1** | **Site #2** | **Site #3** | **Site #4** | **Site #5** |
| Chest x-ray |  |  |  |  |  |
| Computed Tomographic Angiography/Magnetic Resonance Angiogram (CTA/MRA) |  |  |  |  |  |
| Mammography |  |  |  |  |  |
| CT Abdominal/Pelvic |  |  |  |  |  |
| Ultrasound Abdominal/Pelvic  |  |  |  |  |  |
| Image Guided Biopsy/Drainage |  |  |  |  |  |
| MRI Lower Extremity Joints |  |  |  |  |  |
| MRI Brain |  |  |  |  |  |
| PET |  |  |  |  |  |
| MRI Body |  |  |  |  |  |
| MRI Spine |  |  |  |  |  |

Required minimum numbers for procedures to be completed by each graduating resident are listed in the table below.

|  |  |
| --- | --- |
| **Procedure** | **Minimum** |
| Chest x-ray | 1,900 |
| Computed Tomographic Angiography/Magnetic Resonance Angiogram (CTA/MRA) | 100 |
| Mammography | 300 |
| CT Abdominal/Pelvic | 600 |
| Ultrasound Abdominal/Pelvic  | 350 |
| Image Guided Biopsy/Drainage | 25 |
| MRI Lower Extremity Joints | 20 |
| MRI Brain | 110 |
| PET | 30 |
| MRI Body | 20 |
| MRI Spine | 60 |