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|  | **Professional Developmental Milestones** | **Professionalism** | **Interpersonal/**  **Communication Skills** |
| **Year One** | * Register with ABR * Join professional organizations * Begin learning portfolio * Attend Boot Camp conferences * Provide preliminary interpretations of images with direct supervision * Participate in Pediatric Radiology weekend call * Join a resident task force * Participate in Spring prep for short call * Take Buddy call at least twice in Spring * Start using RadPrimer, ACR case-in-point, Brant & Helms, ACR Learning file self-study resources | * Maintain/update Resident Learning Portfolio using MedHub * Maintain/update log of all interventional cases performed on Mammo & IR rotations in MedHub or other HIPAA-compliant database * Maintain current medical licensure * Register for ABR * Join professional societies including RSNA, ARRS, ACR, subspecialty societies of interest * Attend all conferences punctually, signing in to each * Report for duty on each rotation promptly after conferences, comply with rotation-specific attendance requirements (see IR rotation) * Wear appropriate attire at all times, adhere to professional standards for grooming & appearance * Complete duty hours in MedHub weekly * Return radiation badges monthly, exchange for new ones * Communicate with clinicians, nurses, hospital staff, attending radiology physicians with courtesy & respect * Show sensitivity to patient concerns, diverse languages, cultural backgrounds * Check pull schedules from Chief residents * Comply with Chief resident vacation scheduling request systems * Communicate all excused absences, anticipated lateness, early departure from rotations in advance to rotation attending staff, fellows, colleagues on your rotation * Exhibit flexibility, collegiality with Chief residents, colleagues during rotation & call scheduling processes | * Consult with nurses, physicians on cases already reviewed with attendings, senior residents, fellows * Obtain patient informed consent when necessary, using clear language & with sensitivity to patient concerns, cultural diversity * Use translation services when necessary * Dictate reports using standard terminologies & grammar, with attention to Dr. Federle’s guidelines * Adopt standardized dictation templates |
| **Year Two** | * Begin independent call with Short Call (summer) * Attend Physics conferences * Start QA project * Identify area of interest for scholarly project * Start night float (January) | * Provide consultations to clinicians & clinical teams on pre-reviewed and new cases * Other competencies as above |
| **Year Three** | * Attend AFIP, prepare radiology-pathology correlation case for presentation at noon conference * Attend nuclear medicine basic science lecture series * Explore fellowship options & choose fellowship * Decide on focused year electives * Prepare for Core Exam | * As above |
| **Year Four** | * Focused year or mini-fellowship * Complete mammo requirements * Complete nuclear medicine AU requirements | * As above |

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|  | **Medical Knowledge** | **Patient Care** | **Practice-Based Learning** | **Systems-Based Practice** |
| **Year One** | * Meet knowledge-based goals in each rotation, outlined in respective rotation-specific Goals and Objectives documents | * Become proficient with Stanford Hospital’s medical IT systems, including EPIC, Centricity PACS, Centricity RIS, Nuance voice-dictation system * Become proficient with LPCH IT system * Become proficient with Palo Alto VA IT systems, including Stentor and CPRS * Review procedure requests from clinicians for appropriateness (see also “Systems-Based Practice”) * Review relevant patient history in EPIC before protocoling or performing procedures * Check EPIC for allergies, medications, renal function impairment in EPIC * Communicate urgent/unexpected findings to clinicians directly; also create Exam notes in PACS according to rotation-specific guidelines. * Always recognize limitations of knowledge when interpreting studies * Ask for help from fellows/faculty when needed * Refer to literature and other reference sources whenever necessary (see “Practice-Based Learning”) | * Use StatDx, RadPrimer pre-call sections to learn rotation-specific imaging anatomy * Read about clinical entities encountered during rotation * Read suggested materials outlined in rotation-specific goals & objectives documents * Complete self-assessment form yearly | * Understand how medical-legal issues impact radiology & clinical practice * Begin radiology business practice module * Attend CRS meeting, resident & fellows section * Become familiar with ACR appropriateness criteria |
| **Year Two** | * Meet knowledge-based goals in each rotation, outlined in respective rotation-specific Goals and Objectives documents | * Prepare case presentations for radiology conferences & interdisciplinary conferences * Add interesting cases from call to worklists * Follow up on call cases * Provide cases for M & M conference * Perform literature searches using online tools * Use StatDx, RadPrimer, ACR learning files, other educational resources to read about cases seen on service * Critical evaluation of research, biases, etc | * Become familiar with Radiology Department QA processes * Plan participation in QA project * Become familiar with charges for procedures * Understand two components of Medicare reimbursement, Parts A and B |
| **Year Three** | * Meet knowledge-based goals in each rotation, outlined in respective rotation-specific Goals and Objectives documents | * Use Rad TF to find cases for studying | * Understand how procedure delays affect hospital length of stay * Anticipate patient transport delays, try to expedite studies |
| **Year Four** | * Meet knowledge-based goals in each rotation, outlined in respective rotation-specific Goals and Objectives documents | * Study mini-fellowship-specific content using recommended resources from rotations & online sources. * Record learning activities in learning profile | * Complete & present QA project * Learn components & requirements of MOC & specifics of how to participate |