SUBJECT: Department of Radiology Resident Clinical Responsibilities

PURPOSE: To provide comprehensive education, training, and experience in all areas of Diagnostic Imaging including plain film radiography, angiography and interventional procedures, computed tomography, ultrasound, magnetic resonance imaging, mammography, nuclear radiology, physics, radiobiology, and radiation protection. Our goal is that by the time of completion of the program all graduating residents would be fully competent to practice as a general radiologist utilizing all imaging methods. By completion of the program all graduating residents would be expected to be fully qualified for certification by the American Board of Radiology and full privilege credentialing in general diagnostic radiology.

- To create an intellectual environment which encourages residents to continue active learning and continuing medical education following completion of the program.
- To stimulate interest in research and create an environment conducive to research projects during the period of residency training.
- To promote in all residents, acceptance of the role of the radiologist as a consultant and educator.

POLICY: In general, the roles, responsibilities and functions of a Department of Diagnostic Radiology resident, per training year, are as follows:

PGY-II
1. The broad spectrum of patient examinations and/or procedures as assigned by attending or senior resident with an emphasis on quality of patient evaluation and patient care.
2. In-depth discussion of all cases with the attending prior to initiation of all but the most basic diagnostic studies or therapeutic interventions.
3. Take no supervision or direction of decisions of other residents or medical students, but ensure active student involvement.
4. All procedures must be done under direct approval and supervision of attending.
5. By completion of nine months of residency and the minimum required training in core rotations, residents should be judged by the faculty to be capable of serving as the Night Call Radiologist, providing immediate plain film, computed tomography, and ultrasound consultation to Emergency Room and hospital physicians.

PGY-III
1. Take responsibility to be familiar with patients, diagnostic radiology examinations and procedures and serve as the attendings’ principal resource for day-by-day patient data.
2. Responsible for supervising medical students.
3. Emphasis on gaining experience with full spectrum of diagnostic and interventional radiology procedures and in increasing proficiency.
4. All decisions regarding invasive radiology procedures and specialized diagnostic procedures are discussed in depth with the attending.
5. All procedures must be done with complete attending supervision and approval.
6. By completion of the second year of training, residents should show increased ability in interpretation of plain film, computed tomography, ultrasound, magnetic resonance imaging, and nuclear medicine studies. Residents should have sufficient experience in angiography and interventional procedures to serve competently as the Back-Up Resident on call.

**PGY-IV**

1. Increased proficiency with full range of invasive and diagnostic procedures.
2. Must discuss all cases with attending prior to performance of interventional procedures and complex diagnostic studies.
3. May assist with interventional procedures or more complex diagnostic studies by more senior level housestaff only with attending present as required.
4. By completion of the third year of training, residents should demonstrate advanced skills in interpretation of routine and complicated imaging studies in all areas of radiology. Most residents will be expected to be judged qualified to pass the physics and clinical portions of the written examination of the American Board of Radiology.
5. 

**PGY-V**

1. Plays supervisory role with increased teaching and of junior residents.
2. Play increased role in consultation with other housestaff or attendings.
3. By completion of the fourth year of training the resident should be fully qualified for full privilege credentialing in general diagnostic radiology. Most residents should be certified in Diagnostic Radiology by the American Board of Radiology by the completion of their training.

**PGY-VI (Fellows)**

1. Complete requirements for credentialing year with consultation with fellowship program director.
2. Carry out procedures with attending input and supervision as required before, during and after procedure.
3. Play a major role in instruction and supervision of radiology residents as well as medical students.
4. Interact with residents and attendings on other services on a co-equal footing in relation to procedures and diagnostic test results as part of integrated patient care.
5. Demonstrate competence to function independently and without faculty supervision as a general diagnostic radiologist for coverage of services outside their subspecialty field of study.