

Description of Resident Rotation: Radiology Elective Rotation

A. General Information

1. Rotation Length: 2-4 weeks
2. Faculty: IMMC Radiology faculty
Andy Nish, M.D. (Course Director)
3. Logistics: Residents will participate in a variety of clinical radiology experiences. Residents should plan to contact Dr. Nish prior to the rotation to develop a schedule of activities for the rotation. The rotation will consist of one-week blocks. The first week will be general radiology and will include an opportunity to review the general radiology teaching file. Subsequent one-week blocks can include interventional radiology, musculoskeletal radiology, neuroradiology, and body CT imaging. Dr. Nish can be reached in the IMMC Radiology Department, Level C of the hospital. The phone number is 241-6171.

B. Objectives and Description of Rotation

1. The primary educational purpose of the rotation is to increase competency in the reading of common radiology studies. The resident will become familiar with those radiology studies that are appropriate for review by general internists and those that must be reviewed and interpreted by radiology specialists.
2. The principal teaching method will be review of radiology studies with the radiologists in the radiology department at IMMC.
3. Areas that the resident may participate in during the rotation include:
 - a. Review of plain x-rays of the chest, abdomen and extremities
 - b. Reading GI and GU contrast studies
 - c. Interpreting hepatobiliary imaging studies
 - d. Invasive radiology studies including angiography examinations
 - e. Reading CT scan and ultrasound studies
 - f. Reading MRI studies including MR angiogram studies

C. Ancillary Education Materials

1. Radiology textbooks are available on site in the department for review during the rotation.
2. There are extremely valuable teaching files organized by type of radiology study that are available and should be reviewed by residents during the course of the rotation.

D. Mechanics of Rotation: Clinical Responsibilities

1. The amount of time spent in the different radiology areas and the amount of time spent reviewing the teaching film films will be determined by each resident in consultation with the course director.
2. Conferences: The resident is expected to attend Wednesday morning Grand Rounds and all noon conferences during the rotation.
3. Continuity Clinics: The resident will be expected to attend their weekly continuity of care clinics during the rotation.

E. Evaluation

At the end of the rotation, the resident will be evaluated by the supervising faculty. Personal feedback will be provided and an evaluation form will be completed and returned to the residency office. The evaluation form will be reviewed and signed by the resident.

The resident will be evaluated by faculty in each of the required six general competency areas as follows:

1. Patient Care: Demonstrate ability to effectively interpret radiology studies from patients with a variety of different medical concerns.
2. Medical Knowledge: Demonstrate the ability to read common radiology studies performed on patients; especially plain films, nuclear, ultrasound and CT studies.
3. Practice-Based Learning: Demonstrate ability to identify deficiencies in the interpretation of common radiologic studies and demonstrate real-time strategies to address these deficiencies.
4. Interpersonal and Communication Skills: Demonstrate adequate communication abilities in dealings with patients seen during the rotation. Demonstrate timely and complete medical records.
5. Professionalism: Demonstrate respectful behavior towards patients and families, colleagues, nurses and other allied health personnel. Always protect patient confidentiality and provide informed consent.
6. Systems-Based Practice: Collaborate with nursing staff, radiology staff and other allied health care providers to assure timely, comprehensive care provided and assure proper follow-up is arranged.

