

Rotation Educational Objectives

Diagnostic Imaging (PGY-1)

Medical Expert

It is recognized that the resident may not be exposed to all elements of these objectives; however at the conclusion of the rotation the resident should demonstrate knowledge or competency in the following:

By the end of the rotation the resident will be able to:

1. Perform a medical history and physical exam pertinent to the assessment of a diagnostic imaging patient as required prior to investigation or invasive procedure(s)
2. Demonstrate knowledge of the indications and contraindication for basic and advanced imaging procedures as they relate to the head and neck including ultrasound, CT, MR, nuclear medicine and PET scans
3. Demonstrate detailed knowledge of cross-sectional anatomy of the head and neck
4. Demonstrate detailed knowledge of the arterial and venous anatomy of the head and neck
5. Correctly interpret normal and abnormal CT scans and MR imaging
6. Inject contrast agents as required
7. Perform image guided needle biopsies as required

Communicator

By the end of the rotation the resident will be able to:

1. Obtain & synthesize relevant medical history from patient and family
2. Dictate/write clear consultation letters
3. Explain procedures/treatments, options for treatment, complications and morbidity to patients and families in a clear and understandable form

Collaborator

By the end of the rotation the resident will be able to:

1. Work with cooperation and respect with physicians, imaging technologists, radiologists, nurses, other members of health care team in the Diagnostic Imaging Department
2. Maintain professional relationships with other health care providers

Leader

By the end of the rotation the resident will be able to:

1. Effectively manage multiple tasks & demands on time (i.e., follow-up on reports, prioritize tasks appropriately)
2. Demonstrates knowledge of how limitations in medical imaging resources may

- affect selection and timing of diagnostic testing for a given patient.
3. Utilize information technology effectively
 4. Work effectively in a health care organization
 5. Recognize own contribution to differences and acts professionally resolve them.
Reflect on actions.

Health Advocate

By the end of the rotation the resident will be able to:

1. Demonstrate familiarity with the ALARA (as low as reasonably acceptable) principle (e.g., low doses of neck radiation, total doses of radiation received during various x-ray based technologies, risks of malignant transformation related to various imaging modalities, risks of various imaging modalities to the various trimesters of pregnancy)
2. Advocate on behalf of patients
3. Demonstrate the sensitivity to meet the non-physical as well as the physical needs of the patient

Scholar

By the end of the rotation the resident will be able to:

1. Recognize gaps in knowledge and develops strategies to correct these
2. Read and prepare for scheduled imaging procedures
3. Demonstrate knowledge of current practices in Diagnostic Imaging
4. Take an evidence-based approach to management problems
5. Accept and act on constructive feedback

Professional

By the end of the rotation the resident will be able to:

1. Recognize limitations and seeks advice and consultation when needed
2. Exercise initiative within limits of knowledge and training
3. Discharge duties and assignments responsibly and in a timely and ethical manner
4. Report facts accurately, including own errors
5. Maintain appropriate boundaries in work and learning situations
6. Show respect of diversity of race, age, gender, sexual orientation, disability, intelligence and socio-economic status