

NUCLEAR MEDICINE ROTATION #1 (PGY-2)

Welcome. On the last day of the rotation (not the next day or the next week or the next month) please put copies of the following forms in a folder and deliver to the faculty office in Nuclear Medicine.

1. Documentation of radiopharmacy training received from Dr. Vivian Loveless.
2. Documentation of radioiodine therapies.
3. Case log for the month with both horizontal and vertical columns totaled.
4. Documentation of Nuclear Medicine Technology Training.

GOALS

By the end of the first Nuclear Medicine Rotation, residents are expected to achieve the following objectives based on the six general competencies. The resident should exhibit an increasing level of responsibility and independency as he or she progresses throughout the year.

COMPETENCE-BASED OBJECTIVES

Patient Care

1. For each case you read, review the patient histories to determine the relevance of the study and consult with the technologist or radiologist to learn the proper techniques.
2. Observe the list of procedures performed by technologists as listed on the provided form. The form is on the Reference page of the Residency Website. This entire form should be completed once during your 4 months of Nuclear Radiology. The mornings in Nuclear Medicine are a much better time for this type of work because most of the day's studies are read in the late morning and afternoon.
3. Maintain case log of all studies in which you provide a preliminary report or dictate the final report. The case log is on the Reference page of the Residency Website.
4. While on the VA rotation, on Tuesday, Wednesday, & Thursday, spend the morning after conference from 10 am until lunch reading PET/CT with Dr. David Archie. After that, join Dr. Mohammed Moinuddin in his practice of general nuclear medicine.
5. Document radioiodine therapies on the provided form during the month. You will need documentation of 3 low-dose and 3 high-dose therapies. The form for this documentation is on the Reference page of the Residency Website.

Medical Knowledge

1. Read the Section on Nuclear Radiology in Brant and Helms. This is less than 200 pages and will be a thorough introduction to the subject.
2. Attend Nuclear Pharmacy Lab with Dr. Vivian Loveless. Schedule this with her at the beginning of the block at a time convenient to her and the other residents on NM at MUH and the VA. Her office number is 448-6931 and her email is vloveless@uthsc.edu. Please coordinate so we only ask Dr. Loveless to do this once a month. Be sure only 4 residents (not more) attend this lab each month. Also, Dr. Loveless has a 9 question quiz she would like you to complete prior to attending her lab. This is found on the Reference page of the Residency Website.

Practice-Based Learning and Improvement

1. The resident should demonstrate evidence of independent reading and learning through the use of printed and electronic sources. In particular the resident should utilize Stat Dx, RSNA Physics Modules, Radprimer & online teaching files. Utilize these resources to learn specifics of diseases and imaging which you see on the rotation.

Interpersonal and Communication Skills

1. The resident should learn to communicate effectively results of studies to referring clinicians. For emergent studies, including but not limited to V/Q and GI bleeding scans, reports to referring clinicians should be made in a timely manner. Such communication should be documented in the dictation or preliminary note with the date, time, and name of doctor or nurse.
2. The resident should utilize the dictation templates created by the faculty in order to begin learning how to report findings and impressions in nuclear radiology.

Professionalism

1. Resident should familiarize himself/herself with the ACR Appropriateness Criteria. Specifically, the criteria for Chest Pain: Suggestive of Acute Coronary Syndrome.
2. Resident should dress appropriately at work, wearing a name badge at all times. A white coat should be worn by the resident in Nuclear Medicine when examining or counseling the patient.

Systems-Based Practice

1. Residents should dictate and correct their reports in a timely fashion to avoid delay in patient disposition.
2. Residents should attend the multidisciplinary conferences at each hospital. The Methodist Tumor Board occurs on some Wednesdays. At the VA on Thursday, attend the mid-day Tumor Board. Also at the VA on Fridays, attend the MTOC from 11:00-11:45 am before going to the Med Conference or the UT Systems Based Conference at noon.