

NEURORADIOLOGY

Department of Radiology

SCOPE OF PRACTICE

PGY-6

- Develop understanding of neuro-anatomy, basic physiology and disease processes of the central nervous system (CNS) and head & neck (H&N) (Sinuses, orbits, skull base, ENT and neck).
- Become knowledgeable early in the year as to which imaging study to perform for the workup of patients with symptoms of CNS and H&N disease and knowledgeable regarding specific parameters of the scan protocols.
- Organize studies for interpretation daily, review them with the neuroradiology attending physician and dictate the exams.
- Develop skills in accurately interpreting CT, MRI, myelographic and angiographic exams in neuroradiology
- With supervision, develop skills at performing myelography and cerebral angiography. Toward the end of the first year, may perform spinal angiography and lumbar discography with supervision and assistance.
- With supervision, develop skills for performing biopsies of the spine, paraspinal regions and neck using fluoroscopic or CT guidance.
- Provide consultation with referring physicians needing to review neuroradiologic studies. Participate in teaching the radiology residents on the neuroradiology rotation and in departmental and interdepartmental conference as needed.
- For those individuals electing to do a second year of neuroradiology fellowship, this year will be a time of refinement of interpretative and technical skills learned during the first year and deepening of his or her knowledge base in this subspecialty of radiology. The second year fellow will function more independently, shouldering more responsibility for the daily running of the neuroradiology section and teaching and assisting the first year fellow and resident(s) on the service. He/she may have opportunities to participate in functional imaging of the brain and interventional neuroradiology procedures.