

## **Neurology**

- a. A required rotation of two 4-week blocks occurring in the PGY-1 year. The first 4-week block is inpatient neurology, located at the Sparrow Health System Main Campus. The second 4-week block is ambulatory neurology which is located in the Department of Neurology at the MSU Clinical Center.
- b. Faculty consists of 7 full time university and community neurologists. Each attending physician supervises the rotation in one-week blocks.
- c. Residents spend 3 hours weekly (Tuesday afternoon) with MSU faculty for psychiatry seminars and individual supervision. In addition, they attend Neurology Grand Rounds weekly and have several hourly bedside teaching conferences with the teaching attending each week. The Neurology attending assigned for the week assigns one to two cases for each resident to work up each day. These are then discussed later in the day as the patient is seen by the attending physician and house staff. Care and teaching is coordinated for educational continuity by the attending neurologist. They round with the teaching physician on a daily basis. Case loads are monitored by faculty to provide educational diversity.
- d. The rotation is a one month inpatient consultation experience and a one month outpatient experience. Patients are seen primarily at Sparrow Health System on the inpatient rotation and at MSU Department of Neurology outpatient clinic on the MSU Campus. The case load reflects that of the general patient population with 55% male, 45% female, 89% white, 8% African-American, 1% Hispanic, 1% Asia. Residents evaluate and manage stroke, encephalopathy, headache, delirium, status epilepticus, coma, tumors, ALS, seizure disorders, multiple sclerosis, movement disorders, dementia, infectious disease, neuromuscular disorders, and trauma. They learn the fundamentals of a complete neurological exam, lesion localization and funduscopic exam. Residents receive exposure to neuroradiological evaluation tools such as CT and MRI as well as EEG and PET scanning.
- e. Residents individually evaluate 1-2 patients and provide ongoing management for 7-9 patients per day. The weekly team caseload is on average 35-45 patients.
- f. All residents are required to staff and see each case with an attending physician during inpatient teaching rounds. They are also required to present a topical lecture to the teaching physician. All residents have required individual supervision once weekly with their psychiatry supervisor.
- g. The neurology faculty represents diverse interests including neuro-ophthalmology, vestibular disorders, stroke, Parkinson's disease and neuromuscular disease.