

DEPARTMENT OF NEUROLOGY

This elective offers students a neurology clinical experience where evaluation, diagnosis and managerial procedures are studied under close faculty supervision. In this clinical elective, students are expected to spend four weeks working with the staff neurologists on the consultation and outpatient neurology services. A maximum of two students per four-week period can be accommodated. The purpose of the elective is to familiarize the student with all aspects of the diagnosis and management of patients with neurological disorders. Specific objectives include:

- To be able to consistently perform a focused and orderly neurological examination that is appropriate for each individual case
- To understand why localization of neurological symptoms and signs is necessary and important
- To develop an approach to common neurological problems

NEUROLOGY ELECTIVE

Course Director: Satish Kadakia, MD

Duration: 4 Weeks

GOALS

The goal of the neurology elective is to teach the principles and skills underlying recognition and management of the neurologic diseases that a general medical practitioner is likely to encounter in practice.

EDUCATIONAL OBJECTIVES

By the completion of this rotation, the medical student will:

- A. Become proficient in obtaining neurological history and performing a neurologic examination
- B. Become familiar with common neurological disease processes.
- C. Be able to present evaluation and treatment plan.
- D. Have insight into chronic and acute neurological disease and its impact on patients and their families.

CLINICAL EXPERIENCE

The medical student will rotate through various neurology clinics like Neuromuscle disease, seizure, nursing home and general neurology. They will participate in inpatient consultation and follow-up process on daily basis. They will review neuroimaging and neurodiagnostics with attending physician. Option to rotate to pediatric neurology is available on an as-needed basis.

DIDACTIC EXPERIENCE

The medical student will be expected to participate in all departmental lectures and conferences as scheduled.

SUGGESTED READING MATERIALS

The following general medical textbooks have good neurology chapters and are recommended.

Principles of Internal Medicine, Harrison

Textbook of Medicine, Cecil

Neurology Textbooks

Merritt's Neurology, Rowland

Principles of Neurology, Adams and Victor

Diseases of the Nervous System, Asbury, McKhann, and McDonald

Textbook of Clinical Neurology, Goetz and Pappert

Case-Based

Case Studies in Neuroscience, Jozefowicz

The Practice of Neural Science, Brust

Pediatric Neurology

Clinical Pediatric Neurology, Fenichel
Textbook of Child Neurology, Menkes
Child Neurology, Berg
Pediatric Neurology, Swaimenn and Wright

Neurology Pocket Guides

Practicing Neurology – What you need to know, what you need to do, Rahman Pourmand
On Call Neurology, Marshall and Mayer
Merritt's Neurology Handbook
Clinical Neuroanatomy Made Ridiculously Simple, Goldberg

How to do the Neuro Exam:

[Http://library.med.utah.edu/neurologicexam/html/homeexam.html](http://library.med.utah.edu/neurologicexam/html/homeexam.html)

How to do a neuro exam. Includes videos.

<http://www.neuroexam.com/>

Includes videos

<http://isc.temple.edu/neuroanatomy/lab/index.htm>

EVALUATION METHOD

The student evaluation will consist of 80% clinical observation and 20% case write up.

HOW TO APPLY

If you are interested in applying, please call 516-572-5399 or visit us at www.numc.edu.

