

Criteria for the Neurology Selective

The Neurology Selective must provide the opportunity for students to independently evaluate patients and present the findings and synthesis of these findings to a staff neurologist. It may be completed in a University or community setting provided a staff neurologist supervises the student. Students interested in a career in Pediatrics may complete the selective with a child neurology program, as long as the rest of the criteria listed below are met. It must be a full-time experience (minimum 120 hours/week) with a minimum of 1 inpatient or 2 outpatient encounters per half day. It is expected that the student will have to opportunity to write notes and/or H&Ps to be reviewed by supervising faculty.

The selective must allow the student to accomplish the following objectives:

The neurology selective must accomplish the following objectives:

- a) Perform a neurologically oriented history
- b) Perform a neurological physical exam
- c) Use information obtained from the history and physical exam to localize the lesion
- d) Synthesize the above information to formulate a pathophysiological/etiological differential diagnosis and plan

The neurology passport will be used to monitor and track accomplishment of these objectives.

The student should have the opportunity to encounter patients with neurologic problems which span the neuraxis. Thus, the selective site must regularly encounter a variety of patient types and problems, include localizations to the following regions of the nervous system:

- a) Cortical Localizations (Examples: migraine, dementia, stroke, seizure, neoplasms)
- b) Predominantly Subcortical Localizations (Examples: multiple sclerosis, Parkinson's disease, lacunar strokes, neoplasms)
- c) Brainstem, Cerebellum and Spinal Cord Localizations (Examples: brainstem lacunar syndromes, ischemic events, inflammatory pathophysiologies, neoplasms, myelopathy)
- d) Peripheral Localizations (Examples: muscle disorders, neuromuscular junction disorders, neuropathies, radiculopathies, plexopathies)