

3rd Year Medical Student Neurology Clinical Rotation

Course Description:

Our vision is to have the best clinical rotation in Year 3. Our mission is to equip students with lifelong clinical reasoning skills, teach them the fundamentals of the neurological exam and have them recognize neurological conditions that require prompt diagnosis and intervention. Our 4 week neurology clerkship in year 3 will introduce the students to the fundamentals of clinical neurology through a series of activities chosen for their relevance to the art and science of neurology. It is not our intent to make neurologists of 3rd year students but we mean to equip students with essential skills required of every good clinician. We have organized the rotation into a didactic core and an experiential core. Our didactic core consists of a lecture and case series that expands the entire length of the rotation and is intended to provide a solid cognitive basis for the student during the rotation. Reading is expected to take place in preparation for these conferences and discussions. Our experiential core consists of 2 inpatient and 2 outpatient weeks which will alternate smoothly to provide a broad exposure and continuity of care in the practice of clinical neurology. Reading is essential as the learner is expected to read on each patient or topic he/she will encounter or may be assigned by an attending or resident.

Conditions / Diagnoses (student must observe or have direct participation in inpatient or ambulatory settings unless indicated):

- 1) Altered Mental Status
- 2) Dementia (inpatient)
- 3) Dizziness and Syncope
- 4) Headache
- 5) Intracerebral hemorrhage (inpatient)
- 6) Movement Disorders
- 7) Multiple Sclerosis
- 8) Neuromuscular Disorders
- 9) Peripheral Neuropathy
- 10) Seizure
- 11) Sleep Disorders
- 12) Stroke (inpatient)

Procedures (student required to perform):

- 1) Lumbar Puncture (simulation okay)

Procedures (not required by this Clerkship, but required prior to graduation):

- 1) Abscess Incision and Drainage
- 2) ACLS or PALS Resuscitation

- 3) Airway Mgmt (Bag Valve Mask)
- 4) Airway Mgmt (Oral/Nasal Airway)
- 5) Arterial Blood Draw
- 6) Arterial Line Placement
- 7) Central Line Placement
- 8) Chest Tube Placement
- 9) CPR
- 10) Foley Catheter Placement (Female)
- 11) Foley Catheter Placement (Male)
- 12) Intubation
- 13) Laceration Repair
- 14) Nasogastric Tube Placement
- 15) Paracentesis or Thoracentesis
- 16) Peripheral IV Placement
- 17) Phlebotomy
- 18) Vaginal Delivery

The following questions are asked of students regarding their clinical experience with preceptors:

- 1) Effective teaching by faculty during the clerkship
- 2) Specific and actionable feedback on student medical knowledge and clinical skills by faculty
- 3) Faculty observation of student performing relevant portions of a patient history
- 4) Faculty observation of student performing relevant portions of the physical or mental status exam
- 5) Number of times directly observed performing a history or physical exam (including mental status exam) during clerkship
- 6) During the clerkship, I feel I received appropriate supervision of my clinical care
- 7) During the clerkship, I feel I received appropriate supervision when performing procedures
- 8) Duty hours considerations:
 - a. Not to exceed 5 continuous overnight shifts
 - b. No allowance for at least 8 hours free from duties
 - c. Exceeding 16 continuous hours
 - d. No allowance for 4 twenty-four hour periods free from duties over a 4 week period
 - e. Exceeding and average of 80 hours per week, averaged over 4 weeks
- 9) Duty hour violations must be reported to a course director
- 10) Experience or observation of mistreatment
- 11) Experiencing a sense of respect, collegiality, and cooperation among faculty and staff during this course

12) Experiencing a sense of respect, collegiality, and cooperation among peers during this course