

Title of Clerkship: Neurological Surgery Elective(4 weeks)

Elective Type: Third year elective

Department: Neurological Surgery

Type of Elective: Clinical ☒ Non-Clinical/Research ☐ Basic Science ☐

Clerkship Site: The University of Toledo Medical Center

Course Number: NEUS760

Blocks available: All

Number of students per block: 1

Faculty: Azedine Medhkour, M.D., Daniel Gaudin, M.D., and Jason Schroeder, M.D.

Elective Description/ Requirements: In the Neurological Surgery elective the student will be integrated into the Neurosurgery Services with appropriate responsibility for diagnosis and management of patients. The student will be assigned a specific Neuroscience topic for presentation.

Length of Clerkship: 4 weeks

Links to Core Competencies

PC-2, PC-3, MK-1
PC-7, PC-8, MK-4,
MK-7
PC-7, PC-8, PC-9,
MK-4, MK-7
PC-7, PC-8, PC-9,
MK-4, MK-7
PC-7, PC-8, PC-9,
MK-4, MK-7
PC-1, PC-2, PC-3,
PC-4, MK-7
PC-8, PC-10, MK-3,
MK-7
IPC-1, IPC-2, PC-1,
PC-3, PC-4, PC-7
IPC-1, IPC-2, PC-1,
PC-3

Educational Course Objectives: At the end of the rotation the student will be able to:

1. Perform a screening neurologic exam.
2. Recognize signs and symptoms of common lumbar and cervical root syndromes.
3. Evaluate the patient in a coma and discuss the differentiated diagnosis of coma.
4. Evaluate the patient with head or spinal cord injury.
5. Evaluate the patient with increased intracranial pressure and differential between symptoms related to brain tumors, intracranial hemorrhage and stroke.
6. Summarize the history and physical exam, differentiated diagnosis, interpretation of imaging studies and suggested treatment plan of patients with common neurological syndromes.
7. Review the journal literature pertinent to a selected area and evaluate selected reviews.
8. Write a complete and accurate daily progress note including interpretation of results of laboratory and radiographic/imaging studies.
9. Accurately present patient information concerning the patient's condition, progress and results of laboratory and radiographic/imaging studies.

Professionalism: UT/COM students will meet or exceed the institutional standards for professionalism as stated in the current Core Competencies and the current Educational Course Objectives for the Sponsoring Department.

Instructional Methods:

1. Interpretation of lab data
2. Diagnostic tests-use/interpretation
3. Small group instruction
4. Case studies
5. Ambulatory care experience
6. Grand Rounds
7. Teaching rounds

8. Residency program/department conferences

Evaluation methods

Employed:

1. Clinical competency evaluations
2. Faculty/Resident observation
3. Professional assessments
4. Attendance
5. Case write up

Prerequisites:

Successful completion of years 1&2, passing USMLE Step 1, completion of Bridge Course

Clerkship Director:

David Heidt, M.D.

Clerkship

Claudia Davis

Coordinator:

Phone Number:

419.383.3580

Email:

Claudia.davis@utoledo.edu

Special

Requirements:

Participation in night call is recommended because many cases come in after hours. A call schedule may be arranged per individual faculty member.