

Title of Clerkship: Neurological Surgery – Sandusky AHEC – 4th year

Elective Type: Elective

Clerkship Site: Sandusky

Course Number: NEUS704

Blocks available: All

**Number of students
per block:** 1

Faculty: Dale Braun, M.D.

**Elective
Description/
Requirements:** In the Advanced Neurological Surgery elective the student will be integrated into the Neurosurgery Service 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**

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

- | | |
|---|--|
| PC-2, PC-3, MK-1 | 1. Perform a screening neurologic exam. |
| PC-7, PC-8, PC-9,
MK-4, MK-7 | 2. Recognize signs and symptoms of common lumbar and cervical root syndromes. |
| PC-7, PC-8, PC-9,
MK-4, MK-7 | 3. Evaluate the patient in coma and discuss the differentiated diagnosis of coma. |
| PC-7, PC-8, PC-9,
MK-4, MK-7 | 4. Evaluate the patient with head or spinal cord injury. |
| PC-7, PC-8, PC-9,
MK-4, MK-7 | 5. Evaluate the patient with increased intracranial pressure and differentiate between symptoms related to brain tumors, intracranial hemorrhage and stroke. |
| PC-1, PC-2, PC-3,
PC-4, MK-7 | 6. Summarize the history and physical exam, differential diagnosis, interpretation of imaging studies and suggested treatment plan of patients with common neurological syndromes. |
| PC-10, PC-8, MK-3,
MK-8 | 7. Review the journal literature pertinent to a selected area and evaluate selected reviews. |
| IPC-1, IPC-2, PC-1,
PC-3, PC-4, PC-7 | 8. Write a complete and accurate daily progress note including interpretation of results of laboratory and radiographic/imaging studies |
| IPC-1, IPC-2, PC-1,
PC-3 | 9. Accurately present patient information concerning the patient's condition, progress and results of laboratory and radiographic/imaging studies |
| IPC-1, IPC-2, IPC-4,
IPC-7 | 10. Write a complete and accurate daily progress note including interpretation of 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 Educational Program Objectives 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 discussion
4. Case studies
5. Ambulatory care experience
6. Grand Rounds
7. Teaching Rounds
8. Residency program/department conferences

Evaluation methods

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

Prerequisites:

Clerkship Director: Stephanie Pannell, M.D.

Clerkship Claudia Davis

Coordinator:

Phone Number: 419.383.3580

Email: Claudia.davis@utoledo.edu

Special
Requirements

Participation in night calls is recommended because many cases come in after hours. A call schedule, in compliance with institutional policy #3364-81-04-004-00, *Assigned Education Hours for Medical Students During Clinical Clerkships* will be arranged per individual

AAMC Hot Topics
Addressed in this
Elective Clerkship:

Research Methods (35 and 36)