

<u>Title of Clerkship:</u>	Neurological Surgery
<u>Elective Type:</u>	Third year elective
<u>Department:</u>	Surgery
<u>Type of Elective:</u>	Clinical <input checked="" type="checkbox"/> Non-Clinical/Research <input type="checkbox"/> Basic Science <input type="checkbox"/>
<u>Clerkship Site:</u>	Sandusky
<u>Course Number:</u>	NEUS 760
<u>Blocks available:</u>	All
<u>Number of students per block:</u>	1
<u>Faculty:</u>	Dale Braun, M.D
<u>Elective Description/ Requirements:</u>	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.
<u>Length of Clerkship:</u>	4 weeks
<u>Links to Core Competencies</u>	<u>Educational Course Objectives:</u> 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. Appropriate use of imaging, endoscopic, and diagnostic modalities and recognition of abnormalities
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
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,	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
<u>Professionalism:</u>	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.
<u>Instructional Methods:</u>	<ol style="list-style-type: none"> 1. Interpretation of lab data 2. Diagnostic tests-use/interpretation 3. Small group instruction 4. Case studies 5. Teaching rounds

6. Ambulatory care experience
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 Yrs. 1 & 2, and a passing score on USMLE Step 1, successful completion of The Bridge Course

Sandusky AHEC Center

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Special

Requirements:

Participation in night call 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.