

Title of Clerkship: Neurological Surgery Acting Internship

Elective Type: Acting Internship
Neurological Surgery

Department: Surgery

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

Clerkship Site: University of Toledo Medical Center

Course Number: NEUS 702

Blocks available: All

Number of students per block: 1

Faculty: Jason Schroeder, M.D.

Elective Description/Requirements: In the Advanced Neurological Surgery elective the student will be integrated into the Neurosurgery Service as a sub-intern, with appropriate responsibility for diagnosis and management of patients. The student will be assigned a specific Neuroscience topic for presentation. Students required to perform at least 3 full H&P's and 3 discharge summaries.

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-10, PC-8, 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. Independently perform a focused history and comprehensive neuro exam
2. Recognize signs and symptoms of common lumbar and cervical root syndromes
3. Evaluate the patient in 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 differentiate between symptoms related to brain tumors, intracranial hemorrhage and stroke
6. Synthesize the history, diagnostic, and clinical information to formulate a differential diagnosis 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 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 discussions
4. Case studies
5. Ambulatory care experience

6. Grand rounds
7. Teaching rounds
8. Residency program/departmental 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 required Surgery clerkship.

Clerkship Director: Stephanie Pannell, M.D..

Clerkship
Coordinator: Claudia Davis
Phone Number: 419.383.3580
Email: Claudia.davis@utoledo.edu

Special
Requirements: Rotation requires approval from clerkship director through the coordinator. Participation in night call is recommended because many cases come in after hours. A call schedule may be arranged per individual faculty member.