

Title of Clerkship: Interventional Neurovascular Care

Elective Year(s): M4

Department: Neurology

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

Clerkship Site: UTMC and Toledo Hospital

Course Number: NEUR 712

Blocks Available: All (Instructor Permit Required)

Number of Students/
Block: 1-2

Faculty: Mouhammad Jumaa, MD, Syed Zaidi, MD

Elective Description/
Requirements: This elective will allow the student to shadow neurovascular faculty in the interventional suite, and assist as appropriate with procedures including angiography, thrombolytic treatment of acute ischemic stroke, intracranial arterial stenting and aneurysm coiling. The enrolled student will participate in care of the patient from presentation to discharge.

Length of Clerkship: 2 weeks

Links to Core
Competencies: Educational Course Objectives:

- MK-1 Understand and explain the vascular anatomy of the brain and central nervous system
- PC-9 Recognize acute stroke as an emergency, and outline appropriate treatments
- PC-3 Demonstrate the ability to take a concise but appropriate neurovascular history
- PC-3 Perform a detailed neurovascular exam
- PC-7 Develop knowledge of clinical stroke rating scales, including the NIH stroke scale, CHADS-2, ABCD scale, and others
- PC-7 Explain the benefits and risks of thrombolysis in the acute treatment of stroke
- PC-7 Explain the benefits and risks of cerebral angiography in evaluation of stroke patients
- MK-3 Understand risks for neurovascular disease, including ischemic stroke, intracranial hemorrhage, and vascular anomalies
- PBL-7 Localize patient symptoms to the appropriate brain region(s) implicated in their production

Professionalism: UTCOM students will meet or exceed the institutional standards for professionalism as stated in the current Competencies for Graduation.

Instructional Methods: Inpatient clinical teaching
Neurovascular case conference attendance

Evaluation Methods: Clinical Competency Evaluation

Prerequisites: Successful completion of Year 1 and 2, and successful completion of the required Neurology clerkship

Clerkship Director: Imran Ali, MD

Assistant Clerkship
Director: Vicki Ramsey-Williams, MD

Clerkship Coordinator: Teresa Behm
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Special Requirements: None

**AAMC Hot Topics
Addressed in this**

1. Clinical Problem Solving/ Decision Making
2. Diagnostic Imaging

Elective Clerkship: