**Title of Clerkship:** Vascular Surgery  
**Elective Type:** Acting Internship  
**Department:** Surgery  
**Type of Elective:** Clinical [✓]  
**Clerkship Site:** University of Toledo Medical Center  
**Course Number:** SURG 714  
**Blocks available:** All  
**Number of students per block:** 2  
**Faculty:** Munier Nazzal, M.D. and various vascular faculty  

**Elective Description/Requirements:** Exposure to the surgery of vascular disease process with the physiological approach to understanding the pre and post-operative patient with vascular disease. Particular emphasis is on fluid, clotting mechanisms, renal, pulmonary, and cardiac status. The student will spend time in the vascular lab to learn techniques and interpretation of vascular studies.

**Length of Clerkship:**

**Links to Core Competencies**

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

1. Demonstrate a surgical history and physical examination focusing on vascular disease
2. Management of patients with vascular disease
3. Understanding of fluids, clotting mechanisms, renal, pulmonary, and cardiac status
4. Demonstrate an understanding of hemodynamics as seen in the vascular laboratory
5. Assist in angiographic studies
6. Interpret diagnostic studies including, angiographic studies and vascular lab procedures
7. Demonstrate an understanding on the treatment of vascular disease
8. Manage and monitor the pre and postoperative vascular disease
9. Accurately present patient information concerning the patient’s condition, progress and results of laboratory and imaging studies
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 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**
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.