

Title of Clerkship: **Adult Cardiac and Thoracic Surgery**

Elective Year(s): Fourth Year Elective

Department: Surgery

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

Clerkship Site: St. Joseph Mercy Hospital, Ypsilanti, MI

Course Number: SURG 704

Blocks Available: All Blocks. By request through Clerkship Office

Number of Students/
Block: 1

Faculty: Manak Sood, M.D.

Elective Description/
Requirements: Students will be given an individualized opportunity to participate in the activities of the Division of Adult Cardiac and Thoracic Surgery. Opportunities may be available for clinical experience in the operating room, in management of adult cardiac and thoracic surgical patients or in clinic. The focus will be the development of the basic and clinical sciences as they pertain to cardiac and thoracic surgical procedures.

Length of Clerkship: 4 weeks

Links to EPOs: Educational Course Objectives:

S1, S3, S4, S5	Obtain and document a surgical history and physical examination.
S7, S8, S9, K4, K7	Demonstrate an understanding of the indications for cardiac or thoracic surgical procedures.
S4, S7, S8, K1, K2, K7	Demonstrate the ability to understand the important anatomic findings related to the various normal and pathologic conditions encountered on the service.
S3, S7, S8, S11, K6	Demonstrate an understanding of preoperative evaluation and postoperative ventilator management, pulmonary care, hemodynamic monitoring, pharmacologic cardiovascular treatment, and chest/ mediastinal tube management.
S7, S8, S9, K5, K7	Appropriate use of imaging, endoscopic and diagnostic modalities and recognition of abnormalities.
S9, S11, K1, K2, K7	Demonstrate an understanding of common mechanisms of disease related to cardiovascular disease.
S6, K7	Demonstrate an understanding of the key steps of procedures performed while on the service.
S4, S7, S8, K1, K2, K7	Demonstrate an understanding of nutritional assessment and ventilator management.
S4, S7, S8, K1, K2, K7	Demonstrate an understanding of the basic science of wound healing and wound management.

Professionalism: 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: Interpretation of lab data
Diagnostic tests/use and interpretation
Small group discussion
Case Studies
Ambulatory care experience
Grand rounds
Teaching rounds
Residency program/department conferences

Evaluation Methods: 1. Clinical competency evaluations
2. Faculty observation
3. Professional assessments
4. Attendance
5. Case write up

Prerequisites: Successful completion of required Surgery Clerkship

Clerkship Director: David Heidt, M.D.

Clerkship Coordinator: Claudia Davis

Phone Number: 419-383-3580

Email: Claudia.davis@utoledo.edu

Special Requirements: Participation in night call is recommended because many cases come in after hours. A call schedule will be arranged per individual.

**AAMC Hot Topics
Addressed in this
Elective Clerkship:**
*(Please indicate "N/A"
if not applicable)*

Approved by ECC
March 25, 2015