

Title of Clerkship: Cardiothoracic Surgery

Elective Type: 4th year elective

Department: Surgery

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

Clerkship Site: University of Toledo Medical Center

Course Number: SURG 702

Blocks available: All

Number of students per block: 1

Faculty: Dr. Masroor

Elective Description/ Requirements: Students will be given an individualized opportunity to participate in the activities of the Division of Cardiothoracic Surgery. Opportunities may be available for clinical experience in the operating room, in management of adult and pediatric cardiac surgical patients, or in clinical research. The focus will be the development of an understanding of the basic and clinical sciences as they pertain to cardiovascular surgical procedures and pulmonary resection.

Length of Clerkship: 2 weeks

Links to EPOs

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

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| IPC-1, IPC-2, PC-2,
PC-3, PC-4
PC-7, PC-8, MK-4, MK-
7 | 1. Demonstrate and document a surgical history and physical examination |
| PC-2, PC-3, PC-7, PC-
8, MK-1, MK-2, MK-7 | 2. Describe the indications for cardiothoracic surgical procedures |
| PC-1, PC-3, PC-7, PC-
8, PC-10, MK-6 | 3. Describe the important anatomic findings related to the various normal and pathologic conditions encountered on the service |
| PC-7, PC-8, MK-5, MK-
7 | 4. Describe preoperative evaluation and postoperative ventilator management, pulmonary care, hemodynamic monitoring, pharmacologic cardiovascular treatment, and chest/mediastinal tube management |
| PC-8, PC-10, MK-2,
MK-4, MK-7 | 5. Interpret use of imaging, endoscopic, and diagnostic modalities and recognition of abnormalities |
| <u>PC-6, MK-7</u> | 6. Describe common mechanisms of disease related to acquired cardiovascular disease |
| | 7. Describe the key steps of procedures performed while on the service |

Professionalism: UT/COMLS students will meet or exceed the institutional standards for professionalism as stated in the current Education Program Objectives and Educational Course Objectives for the Sponsoring Department.

- Instructional Methods:**
1. Interpretation of lab data
 2. Diagnostic tests/use and interpretation
 3. Small group discussion
 4. Case studies

5. Ambulatory care experience
6. Grand Rounds
7. Teaching Rounds
8. Residency program/department conferences

Evaluation methods

Employed

(please make selection from CurrMIT list)

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 will be arranged per individual.