

**SENIOR ELECTIVE ROTATION
DIVISION OF CARDIOTHORACIC SURGERY
Director – Anees J. Razzouk, MD**

Participating Faculty: Leonard L. Bailey, MD, Rosario Florida, MD, Nahidh Hasaniya, MD, Anees J. Razzouk, MD, Alfredo L. Rasi, MD, Nan Wang, MD, Salman Zaheer, MD, Howard Shattuck, PA, Joshua Gysbers, PA-C

Welcome to a fun time on the Cardiothoracic Surgery Service! In order to maximize the benefits of this selective, we have provided you with the following suggestions:

- 1) Sunday evening prior to your assigned rotation, please call Unit 7100 (LLUMC) 558-4371 and ask for the list of operations on Monday.
- 2) Monday 6:30 AM – Unit 7100 LLUMC – Join the residents and NPs for rounds in the adult cardiac surgery ICU.
- 3) Each student is strongly advised to spend a morning or an afternoon in the outpatient clinic: Schuman Pavilion IHI (Lobby Level). Proper dress code is recommended for clinic setting. The clinic schedule for the attendings is as follows:

Monday	8:30 AM	Dr. Leonard Bailey
Monday	1:00 PM	Dr. Nahidh Hasaniya
Tuesday	8:30 AM	Dr. Salman Zaheer
Tuesday	1:00 PM	Dr. Alfredo Rasi
Wednesday	8:30 AM	Dr. Anees Razzouk
Thursday	8:30 AM	Dr. Nan Wang
Thursday	1:00 PM	Dr. Rosario Florida

- 4) Students are welcome to participate/scrub in cases in the operating room. This is also a good opportunity to listen to heart sounds and appreciate different murmurs before surgery starts.
- 5) Each student will post his/her name, phone number, beeper, etc, on Unit 7100 so that he/she may be reached in case of a heart transplant or other emergency.
- 6) Students are encouraged to participate in all adult and pediatric cardiothoracic conferences (Monday, Wednesday and Thursday) listed below.
- 7) Each student will present his/her “patient of the week” to the cardiothoracic team during Friday morning rounds 6:30 – 7:30 AM at Unit 7100.
- 8) For any questions, contact Dr. Anees Razzouk or the cardiothoracic resident on call, by calling ext. 44354.

Objectives

- 1) To provide medical students with exposure to a variety of congenital and acquired cardiothoracic disorders
- 2) To help medical students organize a systematic approach to the diagnosis, management, and surgical indications of specific cardiac diseases, i.e., coronary artery disease, valvular heart disease, cyanotic heart disease, lung cancer, etc.
- 3) To sharpen medical student's skills with physical assessment and evaluation of various cardiac conditions, especially heart murmurs, etc.
- 4) To familiarize medical students with extracorporeal circulation, its benefits, hazards, and uses supporting the circulation.

Knowledge Base

Basic anatomy of the chest cavity and its organs
Basic physiology of the cardiorespiratory system
Understanding of the pathology of the most common disease states affecting the heart and lungs, e.g., coronary atherosclerosis, valvular heart disease, cyanotic heart disease, and lung cancer

Skills

Ability of using the stethoscope to assess and identify various heart murmurs
Ability to perform an adequate cardiovascular examination

Input

Teaching will be provided during:

Team rounds 6:30 AM daily
Pediatric cardiac surgery/cardiology conference 4:30 PM Wednesday – MC2423
Adult cardiac surgery/cardiology conference 5:00 PM Thursday – MC2423
Cardiac Surgery Conference 7:00 AM Wednesday – CH5838
Thoracic Tumor Board at 5:00 PM Monday – MC 2601
Active participation in out-patient cardiac surgery clinic – 2-3 half days/week
Active participation in long-distance organ (heart) procurement operations (usually requires air travel by Lear Jet)

Required Reading Material

PRINCIPLES OF SURGERY by Schwartz:

Section 1) Chest Wall, Pleura, Lung & Mediastinum
Section 2) Congenital Heart Disease
Section 3) Acquired Heart Disease

Output/Assessment

The H&P for one patient will be critiqued and graded
Brief, informal oral examination of students to include common cardiac or thoracic clinical scenarios
Students are given the opportunity to make an anonymous written evaluation of their rotation

Senior Elective Option

A four week elective in cardiothoracic surgery is available for senior medical students. Please ask if you would like more information.

Welcome again! Feel free to ask questions and get involved!

Anees Razzouk, MD (ext. 44354)