

Faculty Director:	Gurur Biliciler-Denktaş, MD; Mohammed Numan, MD
Participating Faculty:	Dilachew Adebo, MD;; Gurur Biliciler-Denktaş, MD; MD; Matthew Brown, MD; Mohammed T. Numan, MD;; Vidhya Annavaajhala, MD
Location:	CMHH, LBJ, and UT Professional Building
Prerequisites:	MSIII Pediatric Clerkship
Streams Offered:	E F, I J, G H, S T, W X, K L, C D, Q R, U V
Max. # Students/3-week Period:	1

Course Objective

Material Covered:

This third-year elective will introduce students to the field of pediatric cardiology. Students will develop their auscultatory skills such that they will be able to differentiate functional or innocent murmurs from those associated with organic heart disease. Students will become familiar with a variety of data used in the diagnosis of cardiology problems as well as begin to understand how to organize clinical information in pediatric cardiology for the purposes of diagnosis and treatment.

Specific learning objectives for this third-year elective are as follows:

By the end of this elective, the student will be able to:

- Use auscultatory skills to distinguish functional or innocent murmurs from those associated with organic heart disease
- Interpret ECGs and chest x-rays
- Describe the basic principles of specialized cardiac studies such as echocardiography, cardiac catheterization, and cineangiography
- Organize clinical information in pediatric cardiology for diagnosis and treatment

Students will attend two to four didactic conferences each week. Students will demonstrate attainment of the above objectives through attendance and participation in didactic conferences and attendance at clinical assignments and participation in clinical activities.

Activities Of Elective

Number Of New Patients/Student/Week: 3

Responsibilities Of Student For Assigned Patients:

Does history/physical:	Yes
Who critiques:	Attending
Follows patients, with appropriate notes as needed:	Yes
Who supervises:	Attending, cardiology fellow, and resident
Does student see ambulatory patients:	Yes

Procedures	Observe	Perform/Interpret
Electrocardiogram	Yes	No/Yes
Echocardiogram	Yes	No/No
Cardiac Cath & Selective Cineangiography	Yes	No/No

Scheduled Duties of Student:

Frequency of rounds on patients	Daily when on inpatient service
Presents patients to preceptor or attending physician	YES
Weekly schedule of required teaching sessions	Monday, Tuesday, Wednesday, Thursday, and Friday

Other Required Activities:

Reading/review of current literature	Yes
Writing or presenting a paper	No

How Is Student Evaluated:

This elective is pass/fail. Students will be evaluated by faculty based on their attendance and participation in didactic sessions and attendance at clinical assignments and participation in clinical activities. The students are evaluated based on the demonstration of their accomplishment of the objectives. Mid-rotation feedback in writing is required for all students.