

2003 Exploration of Pediatric Cardiology

Course: Exploration of Pediatric Cardiology Course Number PED 2003

Department: Pediatrics

Faculty Coordinator: Sarah Blumenschein, MD

UTSW Education Coordinator Contact: Anthony Lee (Anthony.Lee@UTSouthwestern.edu)

Hospital: (Location of rotation) Children's Medical Center-Dallas

Periods Offered: Periods 1-24

Length: 2 weeks

Max # of Students per 2week period: 1 (Pre Clerkship Student)

First Day Contact: Attending on duty

First Contact Time: 8:30am

First Day Location: Children's Medical Center – 3rd Floor Tower B – Physician's Touchdown

I. Course Description

This is a 2 week introductory course enabling the student to explore the medical specialty/discipline. The student will learn about the scope of practice, frequently encountered pathology/diagnoses, and specialty specific diagnostic procedures. The purpose of the course is to allow the student the opportunity to explore a career in the specialty, and/or to acquire knowledge in the specialty regarding appropriate referrals, consults, etc. relevant to future career plans.

Goals	Objectives	Assessment Methods
Patient Care: Students will learn the specialty focused history, physical	<ul style="list-style-type: none"> The student will be able to list appropriate indications to consult the specialty and will be able to develop a well-constructed consult to this service. The student will be able to perform the appropriate evaluation of a patient prior to referral to this specialty. The student will be able to take a specialty specific medical history, perform a physical exam and be aware of the approach to the patient in this specialty. 	<ul style="list-style-type: none"> The student will be evaluated based on oral presentation on rounds and chart documentation for one assigned patient daily. Skills evaluation from direct observation.
Medical knowledge: Students will learn the pathophysiology and management of the most common diagnoses encountered.	<ul style="list-style-type: none"> The student will be able to discuss the pathology/presentation/evaluation and management of assigned number of common diagnoses The student will learn the indications and complications for assigned procedures performed on this service. 	<ul style="list-style-type: none"> The student will complete a brief quiz at the end of the rotation At the end of the rotation the student will list in writing the 3 most common reasons for referral to the service, and the criteria for a well- constructed referral.

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<p>Interpersonal and Communication skills: The student will effectively communicate with colleagues and patients.</p>	<ul style="list-style-type: none"> • The student will take the medical history of assigned patients and be able to effectively present to the faculty/team. • The student will document a write up... 	<ul style="list-style-type: none"> • The student will be evaluated based on oral presentation on rounds and chart documentation for one assigned patient daily. • Observations of faculty and staff.
<p>Professionalism: The student will demonstrate respect for patients and colleagues.</p>	<ul style="list-style-type: none"> • The student will be punctual and complete all required work. • The student will demonstrate respect and compassion for others. • The student will demonstrate respect for patient privacy and autonomy. 	<ul style="list-style-type: none"> • Based on observation of attendance at and participation in rounds. • Observations of faculty and staff.
<p>Practice Based Learning and Improvement: Students must be able to assimilate scientific evidence and improve their patient care practices.</p>	<ul style="list-style-type: none"> • Locate and assimilate evidence from scientific studies related to their patients' health problems, including literature searches. • Use information technology to manage information, access on-line medical information; and support one's education. 	<ul style="list-style-type: none"> • Each student is required to create a case presentation and to present it to the faculty and fellows during the rotation. It is recommended that students present an interesting case they encountered during their rotation. However, they are also permitted to present on a topic of interest that relates to pediatric course topic. • Critical review of a relevant article.
<p>System based practice: Students must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.</p>	<ul style="list-style-type: none"> • Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and their families; accountability to patients and their families and the profession; and a commitment to excellence and on-going professional development. • Demonstrate a commitment to ethical principles pertaining to provision or withholding of clinical care, and confidentiality of patient information. • Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities. 	<ul style="list-style-type: none"> • Observations of faculty and staff.

II. Methods of Instruction

Didactic:

- Reading of handouts in orientation packet, Dr. Lynn Mahony's handbook for the inpatient cardiology service (*especially for discussion of the various structural lesions*), basic texts and recommended journal articles (*provided in the binder in the conference room*).
- Attendance at all scheduled cardiology conferences.

Clinical:

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- Examination of patients, with direct discussion of findings with attending cardiologist. Some attending(s) will have you accompany them to see the patient and others will have you see the patient first.
- Select one cath patient each week, observe cath and go over cath data with cardiologist to understand the calculations of physiological data.

III. Overview of Student Responsibilities

- Attend all outpatient clinics and see patients as directed by attending cardiologist.
- Present written interpretations of assigned ECG's at ECG Conference.
- Attend the Cath Conference and Cardiac Surgery Case Conference.
- Students will let the Attending Cardiologist or Cardiology Receptionist know of their whereabouts at all times.
 - Unless pediatric call responsibilities interfere, the students are expected to take part in the activities of the Cardiology Service until afternoon clinics and conferences are completed.
- If it is necessary for you to be absent for any part of the rotation, you should speak with Dr. Fixler.

IV. Method of Evaluation of Students and Requirements

Pass-Fail Grades: Your evaluation will be completed by Dr. Sarah Blumenschein or her designate, with comprehensive input from the other cardiologists you have worked with extensively. If you have any questions about your evaluation or would like to discuss it beforehand, contact Dr. Sarah Blumenschein.