

2002 Exploration of Pediatric Hematology & Oncology

Course: Exploration of Pediatric Hematology & Oncology Course Number PED 2002

Department: Pediatrics

Faculty Coordinator: Martha Stegner, 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 or Martha Stegner, MD

First Contact Time: 8:00am

First Day Location: Children's Medical Center – 6th 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
<p>Patient Care: Students will learn the specialty focused history, physical</p>	<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.
<p>Medical knowledge: Students will learn the pathophysiology and management of the most common diagnoses encountered.</p>	<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:

- Daily Pediatric Hematology and Oncology didactic lecture series
- Weekly Pediatric Hematology and Oncology Grand Rounds
- Weekly Hematology and Oncology patient review sessions with faculty
- Weekly Pediatric Oncology Tumor Board
- Weekly Hematology and Oncology fellow's educational conferences
- Weekly Pediatric Grand Rounds

Clinical:

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- Students attend outpatient clinic each day and participate in multidisciplinary clinic. This will include evaluation of new and established patients with hematologic and malignant disorders. This involves regular one on one contact with faculty as well as interactions with fellows, residents, advanced practiced nurses and nursing staff. Regular review of peripheral blood and bone marrow specimens will accompany these evaluations. Students will be invited to attend subspecialty clinical sessions dealing with stem cell transplantation, hemophilia, sickle cell disease and the neuro-oncology. Students will have the opportunities to observe and practice lumbar punctures, bone marrow biopsies and aspirates under direct supervision by faculty.

III. Overview of Student Responsibilities

- Assist with evaluation of patient consults and clinic patients, follow all clinical data as acquired, present to attending.
- Students will be provided with access to a teaching file with topics that parallel the epidemiology of hematologic and malignant diseases in children as well as cover the content objectives for the pediatric board examinations. These articles directly correlate with the topics covered in the daily Pediatric Hematology and Oncology didactic lecture series.

IV. Method of Evaluation of Students and Requirements

Pass-Fail Grades: There are no examinations. Completion of an online evaluation by the student is required for a pass grade. Individual faculty members will evaluate the students daily, in writing, in reference to Interpersonal skills, Medical Knowledge, Patient Care, Procedural Skills, Independent Learning and Professionalism. At the end of the rotation, the student will receive an evaluation that is an aggregate of individual faculty assessments.