

**Title of Clerkship:** Pediatric Hematology/Oncology Elective-Mercy Children's Hospital

**Elective Type:** Fourth Year Medical Students

**Department:** Pediatrics

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

**Clerkship Site:** SV Mercy Children's Hospital 2222 Cherry St. Suite 2600 Toledo 43608 419-251-8223 ph.

**Course Number:** PEDS711

**Blocks Available:** All

**Number of Students/Block:** 1

**Faculty** Rama Jasty, MD and Brenda Kitchen MD

**Elective Description/Requirements:** During the Pediatric Hem/Onc elective, students will have the opportunity to participate in the outpatient care of children with cancer and hematologic problems. The elective complements the intensive inpatient PHO experience, and allow the students to recognize that many patients who are acutely ill at the time of diagnosis recover from their morbidities and resume normal activities of childhood and adolescence, even while continuing to receive therap. Students will have the opportunity to see a large number of oncology patients who have completed their treatment regimens and who are followed to monitor disease recurrence.

**Length of Clerkship:** 4 Weeks

**Links to EPOs:**

K3, K4, K8

K3, K8

K6, K9  
K14, S1, S2  
K1, K2, K4  
K4, K8, S8

K2, K7, S7  
S8

K16

**Educational Course Objectives:**

1. Explain how to diagnose and manage hematological disorders that generally do not need referral such as: Iron deficiency, Thalassemia trait, Transient erythroblastopenia of infancy or childhood (TEC), and sickle cell trait.
2. Describe the presentation, pathophysiology, and prognosis of common malignancies in children and adolescents.
3. Recognize common short-and long-term effects of cancer therapy.
4. Provide preventive counseling to parents and patients with specific hematology/oncology conditions.
5. Distinguish normal from pathologic states of the hematologic and lymphatic systems.
6. Develop a strategy to determine if presenting signs and symptoms are caused by a hematology/oncology disease process and determine if the patient needs treatment or referral.
7. List indications for and complications related to use of blood products.
8. Describe the general pediatrician's role in the diagnosis and management of patients with sickle cell disease.
9. Describe how various aspects of the health care system affect the care of hemo-onc.

**Professionalism:**

UT/COM students will meet or exceed the institutional standards for professionalism as stated in the current Educational Program objectives and the current Educational Course Objectives for the Sponsoring Department

**Instructional Methods:**

1. Ambulatory Care Experience
2. Clinical case presentations/discussions
3. Grand rounds
4. Inpatient rounds
5. Interpretation of lab data
6. Lecture
7. Residency program/department conferences
8. Teaching rounds

**Evaluation methods: employed**

1. Attendance
2. Case presentation
3. Medical knowledge by the slide reviews and by completing the heme onc test.
4. Patient care will be assessed through direct faculty observation in clinical setting and documented on the global evaluation form
5. Rotation-Based Assessment of Overall Program Competencies
6. Blood Smear Review and Test

**Prerequisites:**

Successful completion of third year required Pediatric clerkship.

**Clerkship Director:** Mary Beth Wroblewski, MD

**Clerkship Coordinator:** Theresa Imre

**Phone Number:** 419-383-6679

**Email:** Theresa.imre@utoledo.edu

**Special Requirements:** Presentation of one literature research topic required

**AAMC Hot Topics  
Addressed in this Elective  
Clerkship:**  
*(please make selection from  
attached Hot Topic list)*

4. Clinical Pathology
5. Clinical Problem Solving/Decision Making
6. Communication skills
9. Diagnostic Imaging
20. Medical Ethics
25. Pain Management
27. Patient Health Education
31. Required Lab Exercise