

Title of Clerkship: Inpatient Hematology/Oncology - UTM

Elective Type: Fourth Year Elective

Department: Internal Medicine

Clerkship Site: The University of Toledo Medical Center

Course Number: MEDI736

Blocks available: All

of students per block: 1

Faculty: Roland Skeel, M.D., Iman Mohamed, M.D., Sam Veltri, M.D.

Elective Description/ Requirements: This elective is designed to provide the students with an opportunity to gain the knowledge, skills and attitude required to diagnose and manage hospitalized patients hematologic and oncologic disorders

Length of Clerkship: 2 weeks

Links to EPOs **Educational Course Objectives:** After completing the Inpatient Hematology/Oncology elective clerkship each fourth year medical student will be able to describe the following:

- K5 1. Laboratory Procedures a. a normal peripheral blood smear b. the procedures required to group type and crossmatch blood c. the five most important test used to evaluate hemostasis d. the principles of flow cytometry e. describe basic principles of DNA testing
- K3, K5 2. Discuss the most common causes of:
 - a. anemia
 - b. thrombocytopenia c. bleeding disorders d. thrombophilic states
- K3, K5 3. Discuss common manifestations of common cancers:
 - a. Lymphoma; b. Colon; c. Breast; d. Prostate
- K3, K5 4. Understand how to approach end of life care palliative of pain
- K3, K5 5. Describe common chemotherapies and their pharmacologic characteristics
- K3, K5 6. Be able to conduct literature searches and use evidenced based medicine in oncology & hematology
- K3, K5 8. Describe how to manage oncologic emergencies including: Tumor lysis syndrome, Hypercalcemia
- K9, K10, S2 9. Describe general cancer terms such as:
 - a. remission;
 - b. adjuvant
 - c. neoadjuvant
- S8, K6 10. Understand principles of radiation oncology
- S11, K8
- K5, S8
- K5
- K4, S8

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. Inpatient rounds
 - 2. Case write-ups
 - 3. Clinical case presentations/discussions
 - 4. Diagnostic tests – use/interpretation
 - 5. Independent study
 - 6. Interpretation of lab data
 - 7. Lab – Pathology
 - 8. Lecture – Small group activity
 - 9. Mentored clinical practice
 - 10. Residency program/department conferences
 - 11. Teaching rounds

- Evaluation methods employed:**
- 1. Attendance
 - 2. Case presentation
 - 3. Case write-up
 - 4. Faculty/resident observation
 - 5. Narrative

Prerequisites: Successful completion of required Internal Medicine Clerkship.

Clerkship Director: Chris Lynn, M.D.

Clerkship Coordinator: Melissa Hansen

Phone Number: 419.383.5022

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Special Requirements: None.

AAMC Hot Topics #9 End of Life

Addressed in this #11 Evidenced based medicine

Elective Clerkship: # 30 Palliative care