

Title of Clerkship: **Outpatient Hematology/Oncology – UTMC (2 weeks)**
Elective Year(s): Fourth
Department: Internal Medicine
Type of Elective: Clinical Non-Clinical/Research Basic Science
Clerkship Site: The University of Toledo Medical Center
Course Number: MEDI737
Blocks Available: All
Number 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 Core Competencies

Educational Course Objectives

After completing the rotation, the student will be able to:

Laboratory Procedures a. a normal peripheral blood smear b. the procedures required to group type and cross match blood c. the five most important test used to evaluate hemostasis d. the principles of flow cytometry e. describe basic principles of DNA testing

Discuss the most common causes of:

- a. anemia
- b. thrombocytopenia
- c. bleeding disorders
- d. thrombophilic states

Discuss common manifestations of common cancers:

- a. Lymphoma
- b. Colon
- c. Breast
- d. Prostate

Understand how to approach end of life care palliative of pain

Describe common chemotherapies and their pharmacologic characteristics

Conduct literature searches and use evidenced based medicine in oncology & hematology

Describe how to manage oncologic emergencies including: Tumor lysis syndrome, Hypercalcemia

Describe general cancer terms such as:

- a. remission;
- b. adjuvant
- c. neoadjuvant

Understand principles of radiation oncology

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.

Professionalism: UT/COM students will meet or exceed the institutional standards for professionalism as stated in

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Instructional Methods: Ambulatory Care Experience
Case write-ups
Clinical case presentations/discussions
Diagnostic tests – use/interpretation
Independent study
Interpretation of lab data
Lab – Pathology
Lecture – Small group activity
Mentored clinical practice
Residency program/department conferences

Evaluation Methods Employed: Attendance
Case presentation
Case write-up
Faculty/resident observation

Prerequisites: Successful completion of required Internal Medicine Clerkship.

Clerkship Director: Christopher Lynn, M.D.

Clerkship Coordinator: Dawn D. Jagodzinski
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Special Requirements: None