

Title of Clerkship: **Hematology/Oncology – Toledo Clinic (4 weeks)**

Elective Year(s): Fourth

Department: Internal Medicine

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

Clerkship Site: The Toledo Clinic

Course Number: MEDI713

Blocks Available: All

Number of Students per Block: 1

Faculty: Various Faculty

Elective Description / Requirements: This elective is designed to provide the student with an opportunity to gain the knowledge, skills and attitudes required to diagnose and manage hematologic and oncologic disorders through the evaluation of patients. Students will complete supervised histories and physicals, diagnostic plans, differential diagnoses and follow-up plans.

Length of Clerkship: 4 weeks

Links to Core Competencies Educational Course Objectives
After completing the rotation, the student will be able to:
 Laboratory Procedures (blood smears, typing and cross matching blood, tests of hemostasis, principles of flow cytometry and basic principles of DNA testing).
 Common causes of anemia, thrombocytopenia, bleeding disorders and thrombophilic states.
 Common manifestations of colon, breast, prostate and lymphatic cancers.

MK-8, MK-9 Approach to end of life care and palliative care of pain.

MK-6, PC-8 Indications and pharmacology of common chemotherapeutic drugs.

PC-10 Use of literature searches and evidence-based medicine in Hematology/ Oncology.

MK-9 Application of cancer genetics in Hematology/Oncology.

PC-8 Management of oncologic emergencies such as tumor lysis syndrome and hypercalcemia.
 Terminology including remission, adjuvant and neoadjuvant.

Professionalism: UTCOM students will meet or exceed the institutional standards for professionalism as stated in the current Educational Program Objectives for the sponsoring department.

Instructional Methods: Case write-ups
 Clinical case presentations and discussions
 Independent study
 Lecture
 Small group discussion
 Mentored clinical practice

Evaluation Methods Employed: Attendance
 Case presentations
 Case write-ups

Faculty and 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