

Title of Clerkship: **Hematology/Oncology – Toledo Clinic**

Elective Year(s): Third Year Elective (see pre-reqs)

Department: Internal Medicine

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

Clerkship Site: The Toledo Clinic; 4235 Secor Road or 4041 W. Sylvania Ave., Toledo, Ohio

Course Number: MEDI760

Blocks Available: All

Number of Students/Block: 1

Faculty: Various

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
At the end of this elective, the student will be able to:

- PC-7 Describe Laboratory Procedures (blood smears, typing and cross matching blood, tests of hemostasis, principles of flow cytometry and basic principles of DNA testing).
- MK-3 Identify common causes of anemia, thrombocytopenia, bleeding disorders and thrombophilic states.
- MK-5 Summarize common manifestations of colon, breast, prostate and lymphatic cancers
- MK-8 Explain the approach to end of life care and palliative care of pain
- MK-6 Summarize indications and pharmacology of common chemotherapeutic drugs
- PC-10, PBL-5, PBL4 Demonstrate the use of literature searches and evidence-based medicine in Hematology/Oncology.
- MK-2 Give examples of application of cancer genetics in Hematology/Oncology
- PC-9 Describe management of oncologic emergencies such as tumor lysis syndrome and hypercalcemia
- MK-5, MK-6 Define 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:

1. Case write-ups
2. Clinical case presentations and discussions
3. Independent study
4. Lecture
5. Small group discussion
6. Mentored clinical practice

Evaluation Methods:

1. Attendance
2. Case presentations
3. Case write-ups
4. Faculty and resident observation

Prerequisites: Successful completion of required Internal Medicine Clerkship

Clerkship Director: Christopher Lynn, M.D.

Clerkship Coordinator: Dawn Jagodzinski

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Special Requirements: None