

<u>Title of Clerkship:</u>	<u>Outpatient Hematology/Oncology - UTM</u>
<u>Elective Type:</u>	Fourth Year Elective
<u>Department:</u>	Internal Medicine
<u>Clerkship Site:</u>	The University of Toledo Medical Center
<u>Course Number:</u>	MEDI737
<u>Blocks available:</u>	All
<u># of students per block:</u>	1
<u>Faculty:</u>	Roland Skeel, M.D., Iman Mohamed, M.D., Sam Veltri, M.D., John Feldmeier, D.O.
<u>Elective Description/ Requirements:</u>	This elective is designed to provide the students with an opportunity to gain the knowledge, skills and attitude required to diagnose and manage hematologic and oncologic disorders through evaluating patients, students will complete supervised history & physicals, diagnostic plan, differential diagnosis, treatment plan and follow-up and discharge planning.
<u>Length of Clerkship:</u>	2 weeks
<u>Links to EPOs</u>	<u>Educational Course Objectives:</u> After completing the Outpatient Hematology/Oncology elective clerkship each fourth year medical student will be able to describe the following:
K5	1. Laboratory Procedures <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> a. anemia b. thrombocytopenia c. bleeding disorders d. thrombophilic states
K3, K5,	3. Discuss common manifestations of common cancers: <ul style="list-style-type: none"> a. Lymphoma; b. Colon; c. Breast; d. Prostrate
K9, K10, S2	4. Understand how to approach end of life care & palliative care of pain
S8, K6	5. Describe common chemotherapy and their pharmacologic
S11, K8	6. Be able to conduct literature searches and use evidenced based medicine in oncology & hematology
K10	7. Describe about cancer genetics and its application to oncology & hematology
K5, S8	8. Describe how to manage oncologic emergencies including: Tumerlysis syndrome, Hypercalcemia in the clinic
K5	9. Describe general cancer terminology as <ul style="list-style-type: none"> a. remission; b. adjuvant; c. neoadjuvant
<u>Professionalism:</u>	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.
<u>Instructional Methods:</u>	<ol style="list-style-type: none"> 1. Ambulatory Care Experience 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
<u>Evaluation methods employed:</u>	<ol style="list-style-type: none"> 1. Attendance 2. Case presentation 3. Case write-up 4. Faculty/resident observation
<u>Prerequisites:</u>	Successful completion of required Internal Medicine Clerkship.
<u>Clerkship Director:</u>	Christopher Lynn, M.D.
<u>Clerkship Coordinator:</u>	Carol S. Hendrzak
<u>Phone Number:</u>	419.383.5022
<u>Email:</u>	carol.hendrzak@utoledo.edu
<u>Special Requirements:</u>	None.
<u>AAMC Hot Topics</u>	#9 End of Life
<u>Addressed in this</u>	#11 Evidenced based medicine
<u>Elective Clerkship:</u>	#12 Medical genetics # 30 Palliative care

