

**Title of Clerkship: Orthopaedic Surgery Elective - UTMC**

**Elective Type: Fourth Year Elective**

**Department: Orthopaedic Surgery**

**Clerkship Site: The University of Toledo Medical Center**

**Course Number: ORTH710**

**Blocks available: All**

**Number of students per block: 2**

**Faculty: Nabil Ebraheim MD, Martin Skie MD, Hossein Elgafy MD, Abdul Azim Mustapha MD, Michael Mott MD, Kafai Lai MD, Mustafa Khan MD, Margaret Jain MD, and Daniel Gehling MD.**

**Elective Description/Requirements:** Clinical and operating room experiences for students are structured to provide exposure to a wide range of orthopaedic conditions including trauma, hand surgery, joint replacement, sports medicine, orthopaedic oncology, pediatric orthopaedics, and spine surgery. The rotation is based in the hospital-based orthopaedic clinic, the operating room, and the inpatient hospital. This elective is structured to students' requests as availability allows. An ambulatory experience is available for those students not particularly interested in the operating room experience, and is best suited for those students with an interest in primary care. For those students interested in the operating room, the student is expected to function as a first or second assistant in most cases.

**Length of Clerkship: 4 weeks**

**Links to EPOs**

K1, K2

K3, K4, K5, S7, S8, S9

S1, S3, S4, S5, S10

K7, S8, S11

K3, K4, K5, K6, K7, K9, S8, S10

K6, K8, K9, K13, S8

S6, S8

S6, S8

S6

K2, K3, K4, K5, S8, S9

S10

**Educational Course Objectives:** At the end of the rotation the student will be able to:

1. Acquire basic orthopaedic knowledge about the musculoskeletal system.
2. Demonstrate a working knowledge of common orthopaedic problems
3. Accurately present patient information concerning a patient's condition, progress, and results of laboratory and imaging studies.
4. Demonstrate the ability to summarize and interpret results of history, physical examination, laboratory, and imaging to form differential diagnoses.
5. Provide an accurate workup and/or treatment options for common orthopaedic conditions.
6. Demonstrate a working knowledge of common therapeutic options, prioritization, and implementation of a treatment plan.
7. Perform basic outpatient injection procedures of the shoulder, hand, and knee.
8. Demonstrate the ability to participate in surgical procedures respecting sterile technique and universal precautions.
9. Demonstrate knowledge and/or skill in basic suture techniques
10. Understand the pre-operative optimization process for those patients planned for elective procedures.
11. Recognize the more common orthopaedic emergencies.

**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. Ambulatory Care Experience
2. Clinical case presentations/discussions
3. Teaching rounds
4. Independent study
5. Didactic lecture
6. Mentored clinical practice
7. Mentored technical skills practice
8. Residency program/department conferences and grand rounds
9. Direct patient interaction under faculty and/or resident supervision

**Evaluation methods employed:**

1. Attendance
2. Clinical competency evaluation
3. Faculty observation of behavior in small groups
4. Faculty/Resident observation and assessment of clinical skills.

**Prerequisites:** Successful completion of Yrs. 1, 2 & 3, and a passing score on USMLE Step 1.

**Clerkship Director:** Nabil A. Ebraheim, M.D.

**Clerkship Coordinator:** Lindsey LaBounty

**Phone:** 419-383-6236

**Email:** [Lindsey.LaBounty@utoledo.edu](mailto:Lindsey.LaBounty@utoledo.edu)

**Special Requirements:**

This clerkship has no on-call requirement. However, an on-call schedule can be arranged for those students who may be interested in orthopaedic surgery as a career.

**AAMC Hot Topics:** Diagnostic imaging (8)