Title of Clerkship: **Musculoskeletal Radiology Elective - UTMC**

Elective Year: Fourth Year

Department: Radiology

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

Clerkship Site: The University of Toledo Medical Center

Course Number: RADI 707

Blocks Available: Spring and Fall Semesters

Number of Students/Block: 2

Faculty: Jacob Bieszczad, MD, Mark Buehler, MD, Robert Coombs, MD, Haitham Elsamaloty, MD, Terrence Lewis, MD, Hassan Semaan, MD, Lee Woldenberg, MD, Jacob Zeiss, MD

Elective Description/Requirements: Designed as a two week supplement following Introduction to Diagnostic Radiology. One will participate in two weeks of Musculoskeletal (MSK) Radiology daily clinical activities. Students will attend all MSK radiology departmental case conferences provided during the rotation and various interdisciplinary conferences when available.

Length of Clerkship: 2 weeks

Links to EPOs: Educational Course Objectives:

K5, K15, K16, S7, S9, S11 P3, P7  Defend common MSK radiology tests, including their accuracy, limitations and risks by utilizing ACR Appropriateness Criteria for common conditions.

K1-K5, K7, S7-11, P7  Discuss and interpret clinical MSK radiology cases which provide clinical, radiologic, and pathologic correlations on various disease processes.

K1-K5, S7-11  Incorporate patient specific variables into ordering and interpreting appropriate MSK imaging tests.

S6, S7  Identify the different MSK interventional procedures performed by radiology including their contraindications, risks and benefits.

K2-5, K16, S1, S9, P5  Identify radiation, contrast, and MRI safety concerns to minimize and quantify risk from common MSK imaging studies.

S1, S9-S11, P4, P7  Communicate effectively with patients and clinicians when reporting imaging results or consulting on test appropriateness.

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: Small-group, Clinical skills and Didactic Sessions

Lecture/Didactic sessions

Independent study

Observation of and participation in daily radiology cases

Observation of image guided procedures

Observation of and participation of technologies used in radiology including but not limited to CT, MRI, US, DR, and DM.

Review of teaching cases and discussion with faculty (PACS time)

Evaluation Methods: 1. Attendance

2. Evaluation of participation in small-group discussion during case conferences

3. Faculty/resident observation and assessment of clinical skills

4. End of rotation case presentations and online case submissions over the 2 weeks

Prerequisites: RADI 705, RADI 760 or INDI 762

Clerkship Director: Jacob Bieszczad, MD

Clerkship Coordinator: Mary Carroll

Phone Number: 419-383-3403
Email: Mary.Carroll@utoledo.edu

Special Requirements: None

AAMC Hot Topics Addressed in this Elective Clerkship:
(please make selection from attached Hot Topic list)
Clinical problem solving/decision making
Communication skills
Diagnostic Imaging
Evidence Based Medicine
Health Care Quality Improvements
Health Care Systems
Medical ethics
Medical Socioeconomics
Practice Management
Women's Health

Approved by ECC
March 25, 2015