

Title of Clerkship: **Neuroradiology 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: RAD1 706
 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 Neuroradiology daily clinical activities. Students will attend all Neuroradiology 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 neuroradiology 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 neuroradiology 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 neuroimaging tests.
 S6, S7 Identify the different neurointerventional 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 neuroimaging 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: RAD1 705, RAD1 760 or INDI762
 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