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: RADI 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
K1-K5, K7, S7-11, P7
K1-K5, S7-11
K2-5, K16, S1, S9, P5
S1, S9-S11, P4, P7
Defend common neuroradiology tests, including their accuracy, limitations and risks by utilizing ACR Appropriateness Criteria for common conditions.
Discuss and interpret clinical neuroradiology cases which provide clinical, radiologic, and pathologic correlations on various disease processes.
Incorporate patient specific variables into ordering and interpreting appropriate neuroimaging tests.
Identify the different neurointerventional procedures performed by radiology including their contraindications, risks and benefits.
Identify radiation, contrast, and MRI safety concerns to minimize and quantify risk from common neuroimaging studies.
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 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: Clinical problem solving/decision making
(please make selection from attached Hot Topic list)
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