RAD 884J: Clinical Radiology

Course Director: Jeanne Hill, MD
Email: hillj@musc.edu

Course Coordinator: Angie Maguire
Telephone #: 843-792-2473
Email: maguiran@musc.edu

BLOCK	#	BLOCK	#	BLOCK	#	BLOCK	#
Block 1A	0	Block 3A	0	Block 5A	0	Block 7A	0
Block 1B	0	Block 3B	0	Block 5B	0	Block 7B	0
Block 1C	0	Block 3C	2	Block 5C	2	Block 7C	2
Block 2A	0	Block 4A	0	Block 6A	0	Block 8A	0
Block 2B	0	Block 4B	0	Block 6B	0	Block 8B	0
Block 2C	2	Block 4C	2	Block 6C	2	Block 8C	2

COURSE DESCRIPTION: The Advanced Clinical Radiology Selective is designed for the student who is interested in pursuing Diagnostic Radiology as a career and has already completed Radiology 880J. The student will spend 3 days observing read outs, procedures and multidisciplinary conferences in each of 3 subspecialty areas selected from the following options: Cardiovascular Imaging, Body Imaging, Neuroradiology, Nuclear Medicine, Pediatrics, Ultrasound, and Musculoskeletal Radiology. The students will be expected to review online Patient Safety materials as well as an online text about Imaging Appropriateness. The students will attend Case of the Day conferences and also present three cases, one from each of the three chosen clinical areas, at the Case of the Day conferences. The students will complete a final quiz on Imaging Appropriateness.

LEARNING GOALS & OBJECTIVES: At the completion of this clinical rotation, students should be able to do the following:
1. Recognize the indications and appropriateness of imaging studies for common clinical problems, and apply interpretive skills to evaluate imaging studies. (MK5, MK8, PC2, PL3)
2. Participate in imaging interpretation including study identification, identification of normal radiographic and cross-sectional anatomy, as well as common pathologic entities. (MK1, MK3, PC1, PC2)
3. Discern routine from urgent findings on common imaging examinations and understand how to communicate those findings appropriately to the care team. (PC2, PC3, MK5, MK6, PL3, PL5, SL2)
4. Deliver a concise oral presentation of a clinical imaging case inclusive of brief history, indication, appropriateness of imaging performed, discussion of pertinent imaging findings, and clinical significance of those findings. (MK5, MK8,PC3, PL3)
5. Consult radiologists utilizing appropriate and adequate indications for clinical imaging examinations. (CS1, SL2, IP3, IP4)

INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES: Students will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:
1. Each student will spend 3 days in 3 of the following subspecialty areas observing imaging review, procedures, and multidisciplinary conferences: Cardiovascular Imaging, Body Imaging, Neuroradiology, Nuclear Medicine, Pediatrics, Ultrasound, or Musculoskeletal Radiology.
2. Students will attend Case of the Day conferences 3-4 days per week and present 1 case from each of the 3 clinical rotations (a total of 3 cases) in Case of the Day.
3. Students will be expected to review online AHRQ M&M cases about imaging safety and read Lee and Thrall's: Choosing the Correct Test.

PATIENT ENCOUNTERS: Students will be expected to work-up patients with these specified conditions:
1. A wide variety of clinical conditions including acute and chronic, medical and surgical diseases in patients of all ages.
2. Patients undergoing a variety of imaging procedures.

EVALUATION / FEEDBACK METHODS: Students will be evaluated using the following methods:
1. E*Value Clinical Performance Evaluation.
2. Evaluation of student professionalism, participation, and engagement on clinical services.
3. Evaluation of student performance on Case of the Day oral presentations.
4. Performance on a final quiz.

Will students be expected to participate in call? ☐ YES ☒ NO