

LEARNING OBJECTIVES: EL DIAGNOSTIC RADIOLOGY PEDIATRIC IMAGING CLINICAL ELECTIVE

Overarching Goals of Curriculum	Elective objectives: By the end of the rotation, students will be expected to:	Where/how taught	Taught by	How student's achievement of objective is assessed	How feedback is given	Quantity target
1, 2, 3, 4, 5, 6	<p>1. History skills: Gather the important information that is needed for the UGI and or VCUG history; history does not need to be put into the medical record as the study has been ordered for a particular indication. The gathering of information will serve as an exercise in which</p> <p>a. The student should name all the routine questions that are involved in taking a history and why they are being asked.</p>	Fluoroscopic suite either at YNHH (CT Suite) or at satellite facility at Long Wharf.	Attending, fellow, or senior resident.	Observe student taking such a history; i.e. mentor and student will go into room together, student will take history, and if any additional information is needed, it can be obtained then.	Feedback will be given immediately after the procedure is completed – verbally.	1 VCUG, 1 GI procedure 1 contrast-enhanced CT scan (assess for risk of anaphylaxis).
1, 2, 3, 4, 5	<p>2. Physical examination skills: Complete a pertinent physical examination for the evaluation of (specific condition/organ system) on at least (number) patients. The student should demonstrate the ability to perform this pertinent physical examination while being observed by at least one attending or resident.</p>	N/A	N/A	Physical examination is not a routine part of radiologic study performance and interpretation.	N/A	N/A
1, 2, 3, 4, 5, 6, 7, 8	<p>3. Knowledge/diagnostic and treatment skills: Know about common pediatric critical care conditions, for example</p> <p>a. Know the 3 most likely causes of <u>small bowel obstruction</u> (list common conditions in the specialty) and the mechanism for each.</p> <p>b. Name at least 3 laboratory tests to evaluate each of these conditions; instead, as this is radiology, be able to describe advantages and disadvantages of plain film vs ultrasound vs CT (iv and or oral contrast, neither, etc.).</p> <p>c. Describe the first line therapy for each of these conditions.</p>	Reading room at YNHH or at satellite facility at Long Wharf.	Attending, fellow, or senior resident.	After readout is completed, in the afternoons, there is frequently time for teaching cases; at this time, the student will be shown a case of a small bowel obstruction and will be asked appropriate questions regarding imaging.	Verbal feedback will be provided immediately afterwards via discussion.	1 case

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4	4. Procedural skills: Perform (procedure) on at least (number) (patients/radiographs/biopsy specimens etc.).	N/A	N/A	Radiographic examinations cannot be performed by students; if there is time in the schedule, the student may have the opportunity to try performing some ultrasound scanning, perhaps under the direction of one of the sonographers.	N/A	N/A
4, 5, 6	5. Attitude: Demonstrate professional responsibility in working as a team member with other members of the departmental care team, patients and families. a. The student should exhibit sensitivity to the particular psychosocial issues faced by young children coming for a variety of imaging studies, patients, and their families. b. The student should exhibit honesty, accuracy and integrity in all interactions with patients, families, colleagues and others.	Reading room, fluoroscopy/ultrasound suites at YNHH or at satellite facility at Long Wharf.	Attending, fellow, or senior resident.	Student will accompany and assist residents, fellows, and attending during fluoroscopic and sonographic examinations, and will observe interactions with patients and their families.	Verbal feedback will be provided immediately afterwards via discussion.	As many cases as are performed daily.
5, 6, 8	6. Career/context: Know the training/career pathway for radiology. a. Know 3 aspects of career satisfaction in this specialty. b. Know key roles that the specialty plays in the health care system.	Reading room at YNHH or at satellite facility at Long Wharf.	Attending, fellow, or senior resident.	Student will be asked appropriate questions regarding (a) and (b).	Verbal feedback will be provided immediately afterwards via discussion.	Once each (a) and (b).