

LEARNING OBJECTIVES: EL PEDIATRICS CRITICAL CARE MEDICINE ELECTIVE (PICU)

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	1. History skills: Gather the important information that is needed for the Pediatric ICU history and complete a history in the medical record for at least 5 patients. <ol style="list-style-type: none"> a. The student should name all the routine questions that are involved in taking a history of the critically ill child and why they are being asked. 	PICU	PCCM Attending/ Fellows	Direct evaluation of presentation	Immediate verbal feedback	8 patients
1, 2, 3, 4, 5	2. Physical examination skills: Complete a pertinent physical examination for the evaluation of respiratory distress on at least 10 patients. The student should demonstrate the ability to perform this pertinent physical examination while being observed by at least one attending or resident. <ol style="list-style-type: none"> a. The student should know how to differentiate upper versus lower airway obstruction on physical exam. b. The student should be able to explain each part of the physical examination of the respiratory system, why it is being performed and what abnormalities are being sought. 	PICU	PCCM Attending/ Fellows; Pediatric Senior Resident	Direct observation of examination	Immediate verbal feedback	10 patients
1, 2, 3, 4, 5	3. Physical examination skills: Complete a pertinent physical examination for the evaluation of cardiac function on at least 5 patients. The student should demonstrate the ability to perform this pertinent physical examination while being observed by at least one attending or resident. <ol style="list-style-type: none"> a. The student should know how to differentiate poor cardiac output from distributive shock. b. The student should be able to explain each part of the physical examination of the cardiac system, why it is being performed and what abnormalities are being sought. 	PICU	PCCM Attending/ Fellows Pediatric; Senior Resident	Direct observation of examination	Immediate verbal feedback	5 patients

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1, 2, 3, 4, 5, 6, 7, 8	<p>4. Knowledge/diagnostic and treatment skills: Know about common pediatric critical care conditions, for example.</p> <ul style="list-style-type: none"> a. Know the 3 most likely causes of <u>coma</u>, <u>status asthmaticus</u>, <u>status epilepticus</u>, and the mechanism for each. b. Name at least 2 ways to evaluate the etiology of each of these conditions. c. Describe the first line therapy for each of these conditions. 	PICU	PCCM Attending/ Fellows; Pediatric Senior Resident	Direct evaluation of patient presentations on rounds; student to give brief presentation on one patient they followed during month to ICU team	Immediate verbal feedback; Written feedback at end of rotation	8 patients
4	<p>5. Procedural skills: Perform bag-mask ventilation on at least 4 patients or simulation trainers.</p> <ul style="list-style-type: none"> a. The student should know the key indications for assisted ventilation in the pediatric patient. b. The student should be observed and get feedback on the performance of the procedure on all occasions. 	PICU	PCCM Attending/ Fellows	Direct observation of examination	Immediate verbal feedback	4 events
4, 5, 6	<p>6. Attitude: Demonstrate professional responsibility in working as a team member with other members of the Pediatric ICU care team, patients and families.</p> <ul style="list-style-type: none"> a. The student should exhibit sensitivity to the particular psychosocial issues faced by Pediatric ICU patients and their families. b. The student should exhibit honesty, accuracy and integrity in all interactions with patients, families, colleagues and others. 	PICU	PCCM Attending/ Fellows; Pediatric Senior Resident	Direct observation	Immediate verbal feedback	N/A
5, 6, 8	<p>7. Career/context: Know the training/career pathway for pediatric critical care medicine.</p> <ul style="list-style-type: none"> a. Know 3 aspects of career satisfaction in this specialty. b. Know key roles that the specialty plays in the health care system. 	PICU	PCCM Attending/ Fellows	Small group discussion	Immediate verbal feedback	N/A