

LEARNING OBJECTIVES: EL INTERNAL MEDICINE MEDICAL INTENSIVE CARE ELECTIVE (MICU)

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 Medical ICU history and complete a history in the medical record for at least 5 patients.</p> <p>a. The student should name all the routine questions that are involved in taking a history of the critically ill adult and why they are being asked.</p>	MICU	PCCM Attending/ Fellows	Direct evaluation of history taking, when applicable (Note: Feasibility may be limited as many patients in the medical ICU are too ill to provide their own history, and next of kin may not always be available).	Immediate verbal feedback and written evaluation at the end of the elective.	2 patients, if able during 2 week elective (Note: Feasibility may be limited as many patients in the medical ICU are too ill to provide their own history, and next of kin may not always be available).
1, 2, 3, 4, 5	<p>2. Physical examination skills: Complete a pertinent physical examination for the evaluation of shock on at least 3 patients. The student should demonstrate the ability to perform this pertinent physical examination while being observed by at least one attending or resident.</p> <p>a. The student should know how to differentiate cardiogenic versus septic/distributive shock on physical exam.</p> <p>b. The student should be able to explain each part of the physical examination for a patient in shock paying attention to the cardiovascular examination, why it is being performed and what abnormalities are being sought.</p>	MICU	PCCM Attending/ Fellows or Senior Internal Medicine Resident	Direct observation of examination.	Immediate verbal feedback and written evaluation at the end of the elective.	3 patients
1, 2, 3, 4, 5, 6, 7, 8	<p>3. Knowledge/diagnostic and treatment skills: Know about common adult medical critical care conditions, for example:</p> <p>a. Know the 3 most likely causes of gastrointestinal bleeding, altered mental status, acute respiratory failure, and shock, and the mechanism for each.</p> <p>b. Name at least 2 ways to evaluate each of these conditions.</p> <p>c. Describe the first line therapy for each of these conditions.</p>	MICU	PCCM Attending/ Fellows or Senior Internal Medicine Resident	Direct evaluation of patient presentations during work rounds. Students should give brief presentation on a key ICU topic pertinent to one of the patients they followed during the 2-week rotation to the ICU team.	Immediate verbal feedback and written evaluation at the end of the elective.	5 patients

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4	<p>4. Procedural skills: Perform (<i>procedure</i>) on at least ___ (<i>number</i>) _____ (<i>patients/radiographs/biopsy specimens etc.</i>).</p> <ul style="list-style-type: none"> a. The student should know the key indications for the procedure. b. The student should be observed and get feedback on the performance of the procedure on at least one occasion. 	N/A	N/A	N/A	N/A	(There is no expectation for students to learn critical care skills. However, if the opportunity arises, they may be introduced to basic skills such as arterial blood collection.)
4, 5, 6	<p>5. Attitude: Demonstrate professionalism, and take on responsibility while working as a team member with other members of the adult medical 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 adult medical ICU patients and their families. b. The student should exhibit honesty, accuracy and integrity in all interactions with patients, families, colleagues and others. 	MICU	PCCM Attending/ Fellows or Senior Internal Medicine Resident	Direct observation.	Immediate verbal feedback and written evaluation at the end of the elective.	N/A
5, 6, 8	<p>6. Career/context: Know the training/career pathway for pulmonary and 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. 	MICU	PCCM Attending/ Fellows	Small group discussion.	Immediate verbal feedback	N/A