

**LEARNING OBJECTIVES: EL INTERNAL MEDICINE OCCUPATIONAL & ENVIRONMENTAL MEDICINE ELECTIVE**

Overarching Goals of Curriculum	Elective objectives: By the end of the rotation, students will be expected to:	Where/how taught (location or learning activity)	Taught by (attending, fellows, etc.)	How student's achievement of objective is assessed (assessment method)	How feedback is given (feedback method)	Quantity target (target number of patients/ events during rotation)
1, 2, 3, 4, 5, 6	<p>1. <b>History skills:</b> Gather the important information that is needed for the Occupational and Environmental Medicine history and complete a history in the medical record for at least 5 patients.</p> <ul style="list-style-type: none"> <li>a. The student should name all the routine questions that are involved in taking a history of occupational and environmental exposures and why they are being asked.</li> </ul>	YOEMP, VA	Attending, fellows	Direct observation, oral presentation, writeups.	Direct, informal- as well as mid-rotation formative session and final feedback session.	5 patients
1, 2, 3, 4, 5	<p>2. <b>Physical examination skills:</b> Complete a pertinent physical examination for the evaluation of occupational asthma 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 fellow.</p> <ul style="list-style-type: none"> <li>a. The student should know how to differentiate upper airway from lower airway sounds.</li> <li>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.</li> </ul>	YOEMP, VA	Attending, fellows	Direct observation, oral presentation, writeups.	Direct, informal- as well as mid-rotation formative session and final feedback session.	5 patients
1, 2, 3, 4, 5, 6, 7, 8	<p>3. <b>Knowledge/diagnostic and treatment skills:</b> Know about common occupational and environmental medicine conditions, <i>for example</i></p> <ul style="list-style-type: none"> <li>a. Know the 3 most common pneumoconioses and the mechanism for each. <ul style="list-style-type: none"> <li>i. Name at least 3 laboratory/diagnostic tests to evaluate each of these conditions.</li> <li>ii. Describe the first line therapy for each of these conditions.</li> </ul> </li> <li>b. Know 3 common heavy metal exposures. <ul style="list-style-type: none"> <li>i. Describe the most common sources for each of these heavy metals.</li> <li>ii. Name at least 3 tests to evaluate these conditions.</li> </ul> </li> </ul>	YOEMP, VA	Attending, fellows	Direct discussion.	Direct, informal- as well as mid-rotation formative session and final feedback session.	2 interactive student teaching sessions, formal student presentation.

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	<ul style="list-style-type: none"> <li>c. Know 3 types of military toxic exposures.</li> <li>d. Know the hierarchy of controls for occupational and environmental hazards and the mechanism for each.</li> <li>e. Name at least 3 interventions to reduce exposures.</li> </ul>					
<b>4</b>	<p>4. <b>Diagnostic skills:</b> Interpret spirometry on at least 3 patients.</p> <ul style="list-style-type: none"> <li>a. The student should know the key indications for spirometry.</li> <li>b. The student should demonstrate a step-wise approach in recognizing the pattern for normal, obstructive, and restrictive spirometry.</li> </ul>	YOEMP	Attending, fellows	Interactive discussion	Direct, informal- as well as mid-rotation formative session and final feedback session.	3
<b>4, 5, 6</b>	<p>5. <b>Attitude:</b> Demonstrate professional responsibility in working as a team member with other members of the Occupational and Environmental Medicine care team, patients, and families.</p> <ul style="list-style-type: none"> <li>a. The student should exhibit sensitivity to the particular psychosocial issues faced by OEM <i>patients</i> and their families.</li> <li>b. The student should exhibit honesty, accuracy, and integrity in all interactions with patients, families, colleagues and others.</li> </ul>	YOEMP, VA, site visits	Attending, fellows	Direct observation, oral presentation and writeups.	Direct, informal- as well as mid-rotation formative session and final feedback session.	5 patients
<b>5, 6, 8</b>	<p>6. <b>Career/context:</b> Know the training/career pathway for Occupational and Environmental Medicine.</p> <ul style="list-style-type: none"> <li>a. Know 3 aspects of career satisfaction in this specialty.</li> <li>b. Know key roles that the specialty plays in the health care system and in public health.</li> </ul>	YOEMP	Attending, fellows	Interactive discussion.	Direct, informal- as well as mid-rotation formative session and final feedback session.	1 session