

## LEARNING OBJECTIVES: EL INTERNAL MEDICINE CARDIOLOGY ELECTIVE (VAMC)

Overarching Goals of Curriculum	Elective objectives: By the end of the rotation, students will be expected to:	Where/ how taught <i>(location or learning activity)</i>	Taught by <i>(attending, fellows, etc.)</i>	How student's achievement of objective is assessed <i>(assessment method)</i>	How feedback is given <i>(feedback method)</i>	Quantity target <i>(target number of patients/ events during rotation)</i>
A, B, C, D, E, F	<p>1. <b>History skills.</b> Gather the important information that is needed for the cardiovascular history and complete a history in the medical record for at least 10 patients.</p> <p>a. The student should name all the routine questions that are involved in taking a history of the cardiovascular consult patient.</p>	VA	Consult attending and fellow	Direct observation of history taking and evaluation of oral & written presentations	Immediate verbal feedback	10-20 patients
A, B, C, D, E	<p>2. <b>Physical examination skills.</b> Complete a pertinent physical examination for the evaluation of chest pain and shortness of breath 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 fellow.</p> <p>a. The student should know how to differentiate normal versus abnormal jugular venous pulse, systolic versus diastolic murmur.</p> <p>b. The student should be able to explain each part of the physical examination of the cardiovascular system, why it is being performed and what abnormalities are being sought.</p>	VA	Consult attending and fellow	Direct observation	Immediate verbal feedback	10-20 patients
A, B, C, D, E, F, G, H	<p>3. <b>Knowledge/diagnostic and treatment skills:</b> Know about common cardiovascular conditions including acute coronary syndromes, congestive heart failure, and atrial fibrillation and how to evaluate and treat patients with these diagnoses. Students are expected to give a presentation on a topic in clinical cardiology.</p>	VA	Consult attending and fellow	Direct evaluation of presentations on rounds & discussion of cases outside of rounds	Direct observation	10-20 patients
D	<p>4. <b>Procedural skills.</b> Students will understand the indications for and principles of transesophageal echocardiography, direct-current cardioversion, cardiac catheterization, coronary angioplasty and stenting, pacemaker implantation, and pericardiocentesis. Students will have the opportunity to observe these procedures but will not be directly involved in performing any invasive procedures. Students will be expected to perform and interpret 12-lead ECGs on their patients.</p>	VA	VA cardiology faculty and fellow	Direct observation	Direct observation	10-20 patients

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<b>D, E, F</b>	<p>5. <b>Attitude:</b> Demonstrate professional responsibility in working as a team member with other members of the inpatient cardiology consult service, as well as patients and families and all other medical staff members.</p> <ul style="list-style-type: none"> <li>a. The student should exhibit sensitivity to the particular psychosocial issues faced by cardiac patients 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>	VA	VA cardiology faculty and fellow	Direct observation	Direct observation	n/a
<b>E, F, H</b>	<p>6. <b>Career/context:</b> Know the training/career pathway for cardiovascular 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</li> </ul>	VA	VA cardiology faculty and fellow	Individual discussion	n/a	n/a