

Rotation Name: Cardiology - Harrison

Rotation Site Leaders: Pete Fong, Holly Gonzalez, Julie Damp

Updated by: Lee Richardson

Date: Updated 7/3/2021 - with mapping to 2.0 milestones (sm)

Goals:

The purposes of this educational unit are to:

- Provide broad clinical exposure on the diagnosis and inpatient management of common cardiovascular diseases
- Provide clinical experience in managing complex patients requiring coordination of multidisciplinary care in both the inpatient and outpatient setting
- Provide instruction to learners on how to incorporate evidenced based medical therapies into the management of patients with cardiovascular disease

Objectives:

By the end of this educational block, learners on this rotation will be able to:

Patient care

- Identify core cardiovascular problems via history, physical examination, laboratory, and ancillary studies while demonstrating sensitivity and responsiveness to a diverse patient population, including but not limited to diversity on gender, age, culture, race, religion, disabilities and sexual orientation.
- Assess, risk stratify, and manage patients presenting with chest pain
- Perform accurate assessments of volume status in newly admitted patients
- Institute diuretic therapies for volume overload and recognize timing of cessation of these therapies with transition to outpatient regimens
- Identify patients with valvular heart disease and institute appropriate therapeutic strategies
- Appropriately diagnose and manage patients with chronic and/or acute coronary artery disease
- Manage patients presenting with pulmonary embolism
- Identify patients with acute decompensation requiring transfer to higher levels of care
- Recognize appropriate clinical scenarios to arrange inpatient and/or outpatient cardiology subspecialty consultation for optimal care

Medical Knowledge

- Appropriately order cardiac testing with an understanding of the risk/benefit of each test and how to implement results into management strategies
- Recognize and institute management strategies for patients with both chronic and acute atrial fibrillation

Interpersonal and Communication Skills

Professionalism

- Respect the privacy and autonomy of patients and families during rounds and goals of care conversations

Systems-Based Practice

- Identify and address disposition challenges (medications, insurance status, social situations, nutrition, need for rehabilitation) that may lead to poor patient outcomes

Practice-Based Learning and Improvement

Educational Strategies:

Educational Strategy	Skills (taught and/or assessed)
<i>For example:</i> Bed side rounds	Clinical Reasoning Presentation skills Cardiac auscultation
<i>For example:</i> Didactic lecture	Reading EKGs Interpreting acid base disorders

Required Reading:

(references)

Suggested Reading and/or Resources:

(references, books, website, etc)

Assessment Form

1. (Comment box) Based on your interactions with this resident, what skills did you observe the resident do well?
2. (Comment box) Based on your interactions with this resident, what skills does the resident need to improve or do differently? How should they do it differently

(items 3- to 13 are evaluated in a 1-5 [or 'not observed'] scale)

1 = cannot do this skill

2 = can do but needs direct observation

3 = can do with indirect observation

4 = can do without supervision

5 = is expert level, has mastered this skill and can teach it

3. Evaluate and manage a patient admitted to the hospital with chest pain. PC-4, MK-2 and 3
4. Implement guideline-based strategies for management of both chronic and acute atrial fibrillation. PC-4, MK-2, PBLI-1
5. Appropriately order cardiac testing with an understand the risk/benefit of each test and how to implement results into management strategies. PC-4, MK-3
6. Optimize medical therapy for acute and chronic coronary artery disease. PC-4, MK-2
7. Manage a patient with acute systolic and/or diastolic heart failure. PC-4, MK-1 and 2
8. Diagnose and manage patients presenting with valvular heart disease. PC-4, MK-1 and 2
9. Manage patients presenting with pulmonary embolism. PC-4, MK--2
10. Recognize disposition challenges (medications, insurance status, social situations, nutrition, need for rehabilitation) and work with a multi-disciplinary team to address these issues that may adversely affect patient outcomes. PC-4, SBP-2, ICS-2, Prof-2
11. Demonstrate effective communication with patients and families by using shared decision making and closed loop communication skills in developing care plans. ICS-1, PROF-3
12. Appraise one article (original research or a review paper pertinent to cardiovascular medicine) and incorporate knowledge into patient care. PC-4, MK-1 and 2, PBLI- 1 and 2
13. Demonstrate sensitivity and respect for the privacy, autonomy, and diversity (including but not limited to diversity on gender, age, culture, race, religion, disabilities and sexual orientation) of patients and families. PROF- 1 and 2, ICS-1