

**Harbor-UCLA Medical Center
GOALS & OBJECTIVES**

**Coronary Care Unit (CCU)
Transitional Year Intern Rotation**

Program Director- Kenneth Narahara, M.D.
Contact Information: 310-222-2521
Location: Harbor-UCLA Medical Center, 4 West
Type of Rotation: Required Core Curriculum
Length of Rotation: 4 Weeks

The PURPOSE of this rotation is to provide clinical experience with patients having cardiac disorders, including critical illness requiring care in the Coronary Care Unit. At the conclusion of this rotation, TY Resident's will have gained insight into the diagnosis and management of critical illness, including the role of the internist in the CCU and the activities of a subspecialist in Cardiology.

SPECIFIC GOALS AND OBJECTIVES:

- A. The CLINICAL EXPERIENCE may include patients having:
1. Acute Coronary Syndromes (unstable angina, NSTEMI, STEMI)
 2. Life threatening supraventricular and ventricular arrhythmias
 3. Acute decompensated congestive heart failure
 4. Acute and subacute endocarditis
 5. Cardiogenic hypotension and shock
 6. Acute renal failure
 7. Acute pulmonary edema
 8. Hypertensive emergencies

Reading, discussion, and other educational activities should be directed at understanding the pathophysiology, clinical course, and management of the disorders listed under A.

- B. Exposure to these PROCEDURES, including indications, contraindications, and complications, is likely on this rotation (although they may not all be performed):
1. right heart catheterization
 2. temporary pacemakers
 3. arterial catheters
 4. pericardial catheters
 5. mechanical ventilation and weaning
 6. airway management
 7. management of femoral vascular catheters and sheaths

C. EDUCATIONAL RESOURCES available during this rotation include:

1. Work rounds (daily)
2. CCU/Cardiology Teaching Rounds with fellows and attending physicians.
3. CCU/Cardiology attending and CCU/Cardiology fellows.
4. Morbidity and Mortality Conference
5. Medicine Grand Rounds

D. During this rotation, SUPERVISION will be provided by:

1. Cardiology/CCU Attending Physician
2. CCU/Cardiology Fellows
3. Cardiology Resident (R3, occasionally R2)

Competency-based Objectives of the CCU Rotation:

1. Patient Care

- Plans a diagnostic and therapeutic program for severely ill cardiac patients
- Performs an appropriate focused medical history and physical examination on patients with severe and acute cardiovascular disorders
- Performs and documents the procedures likely to be encountered in taking care of CCU and cardiac patients under appropriate supervision
- Writes appropriate orders and plans for severely ill cardiac patients

2. Medical Knowledge

- Appropriate knowledge of pathophysiology, diagnosis, and management of acute cardiac problems
- Can explain indications for and complications of commonly used diagnostic tests and medical therapies in cardiac patients
- Demonstrates awareness of areas of needed improvement in cardiology knowledge
- Can explain indications and complications of intensive cardiac supportive therapy, including medications, coronary intervention, surgery, cardioversion, pacemakers, and ICDs

3. Practice-Based Learning and Improvement

- Shows appropriate use of consultation with medical and non-medical services, including special diagnostic studies
- Uses evidence from the medical literature to answer clinical questions
- Identifies areas for potential improvement in personal delivery of care
- Maintains a positive attitude towards learning, including attendance and participation on rounds and conferences, and evidence of reading or other methods of gaining knowledge
- Participates actively in teaching others, including students, residents, and faculty

4. Interpersonal and Communications Skills

- Presents a patient effectively and efficiently, avoiding jargon, and concisely summarizing pertinent information and plans
- Communicates with patients and concerned others effectively
- Writes accurate, complete, and legible entries in the medical record
- Works constructively as part of a team
- Exchanges information effectively and efficiently during rounds that reflects cardiac issues and problems, current therapeutic plans, and expected complications and issues
- Understands the impact of severe cardiac illness on patient and family, including medical ethical decision-making

5. Professionalism

- Focuses on issues of appropriate and adequate pain management
- Recognizes the importance of a patient's cultural, language, or family background and support
- Recognizes important end of life issues, including decision-making and forgoing of care
- Demonstrates respect and compassion for patients, including issues of informed consent
- Consistently interacts with other health care workers in a professional manner

6. Systems-Based Practice

- Appreciates the relationships between different levels of inpatient care, including general wards, progressive care, and CCU care.
- Understands basic information about cost-effectiveness care in the CCU and knows where to seek further information
- Demonstrates awareness of the outcomes of CCU care