

630I Cardiology/CCU

This rotation is not accepting international students

Course Description: Students will participate as a member of the CCU team, in the management of patients on the service; evaluate and work-up patients and assume responsibility for two patients under the supervision of the admitting resident, cardiology fellow and attending physician; attend ward rounds, attending rounds, students conferences, cath and echo conferences, cardiology grand rounds and medicine grand rounds, look up educational materials relevant to the care of their patients, and complete performance evaluations on the residents, fellow and faculty. Student is on call so he/she must have their own pager.

Department: Internal Medicine, Division of Cardiology

Prerequisites: UC Irvine students must have completed their third year clerkships. Extramural students must be in the final year of undergraduate medical education.

Restrictions: This rotation is currently not accepting international students.

Elective Director: Pranav Patel, M.D. UC Medical Center, Department of Internal Medicine, Division of Cardiology, The City Tower, 333 West City Boulevard, Suite 400, Orange, CA 92868, (714) 456-6699. pranavp@uci.edu

Instructing Faculty: Pranav Patel, M.D.

Course Website: None

Who to Report to First Day: Ask for Lesley or Lucy on the first day of the rotation and you will receive your course packet with instructions.

Location to Report on First Day: UC Medical Center, Department of Internal Medicine, Division of Cardiology, The City Tower, 333 West City Boulevard, Suite 400, Orange, CA 92868

Time to Report on First Day: 8:30 AM

Site Coordinator: Lesley Anderson, UC Medical Center, Department of Internal Medicine, Division of Cardiology, The City Tower, 333 West City Boulevard, Suite 400, Orange, CA 92868, 714-456-6699. lianders@uci.edu

Site: UC Irvine Medical Center

Periods Available: Throughout the year except certain dates in November and December

Duration: 2-4 weeks

Number of Students: 1 per rotation

Scheduling Coordinator: UC Irvine students please email comsched@uci.edu or call (714) 456-8462 to make a scheduling appointment. Please read the following information carefully. Any student enrolled at a U.S. LCME medical school will use VSAS to apply. To apply please refer to this website <http://www.aamc.org/programs/vsas/>

4/1/2016

Course Objectives: At the end of the rotation the student will be able to:

- Demonstrate the ability to perform comprehensive history and physical examinations.
- Demonstrate the ability to formulate differential diagnoses and therapeutic options.
- Develop the ability to recognize and manage acute cardiac events such as myocardial infarction, arrhythmia and congestive heart failure; interpret and assess basic 12-lead ECG's;
- Observe acute interventional procedures such as Swan-Ganz placement for hemodynamic monitoring, arterial line placement, temporary pace making, diagnostic right and left heart catheterization, percutaneous transluminal coronary angioplasty,
- Placement of intra-aortic balloon pumps;
- Admit patients to acute cardiac units and participate in managing their care under the direct supervision of the senior medical resident, cardiac fellow and attending physician;
- Be encouraged to stay in house with the senior resident every fourth night, to be arranged at the start of the elective.

Key Topics:

- Myocardial infarction
- Arrhythmia
- Congestive heart failure

Competencies:

- Demonstrate the ability to perform comprehensive history and physical examinations.
- Demonstrate the ability to formulate differential diagnoses and therapeutic options.

Attitudes and Commitments: Not stated

Educational Activities: Students will attend ward rounds, attending rounds, students conferences, cath and echo conferences, cardiology grand rounds and medicine grand rounds, look up educational materials relevant to the care of their patients,

What Students Should do to Prepare for the Rotation: Not stated

Clinical Responsibilities of the Student: Students will participate as a member of the CCU team

Patient Care Responsibilities: evaluate and work-up patients and assume responsibility for two patients under the supervision of the admitting resident, cardiology fellow and attending physician;

Call Schedule of the Student: with CCU team

Procedures to be Learned by the Student: Not stated

Percentage of Time Student will Participate in Ambulatory Setting: Not stated

Conference/Lecture/Small Group Sessions:

- Ward rounds
- Attending rounds
- Students conferences
- Cath and echo conferences

- Cardiology grand rounds
- Medicine grand rounds

Course Hours Weekly Summary: Not stated

Content Theme Integration: None

Required Reading:

1. Marriot, Practical Electrocardiography
2. Braunwald, Heart Disease - A Textbook of Cardiovascular Medicine
3. Feigenbaum, Echocardiography
4. Kern, The Cardiac Catheterization Handbook
5. Hurst, The Heart
6. Dubin, Rapid Interpretation of EKG's
7. Criley, Cardiology for the House Officer (highly recommended)
8. Mann, Heart Failure: A Companion to Braunwald's Heart Disease
9. Hosenpud and Greenberg, Congestive Heart Failure

Official Grading Policy: The student will receive a grade of Honors, Pass or Fail. The student's final grade will be submitted on the standard UC Irvine elective form. The student will be evaluated by attending and residents in the areas attendance, knowledge base, clinical skills, motivation, professionalism and interpersonal skills. The student will receive feedback from on an on-going basis. If the student fails the elective a grade of "F" will be permanently recorded on his/her transcript. The student can repeat the course for a second grade, however, the "F" will not be removed from the transcript.