

Cardiac Intensive Care Unit (CICU)

ME 455.00

General Information

COURSE CHAIR: Joseph Ebinger, MD, MS

STUDENT COORDINATOR'S CONTACT INFORMATION

EMAIL: [Group Cardiology HI Med. Student Electives](#)

STUDENTS/PERIOD: Max: 2 Min: 1

DURATION: Three weeks

Please visit our [VSLO](#) catalog for dates and to submit your application.

Description

In the Cardiac Intensive Care Unit (CICU) there are 12 beds for high-acuity cardiac patients. They are covered by three resident teams—two cover days, one covers nights. The day teamwork hours are alternating—one team from 7 a.m. to 8 p.m., the other from 7 a.m. to 3:30 p.m. Day teams consist of one resident, one intern and one student. The night team works from 8 p.m. until 10 a.m. It consists of one resident and one intern, no student. Each team admits anywhere from two to four patients per day. The cardiology fellow is present from 7 a.m. until 5 p.m. and on call in house or within 15 minutes from 5 p.m. to 7 a.m. One student is responsible for at least one, but no more than two patients at any time. The student assumes responsibility for work-up of patients and communication with other healthcare providers, with patients and their families, preparation and implementation of the plan of treatment, and is encouraged to participate in the procedures (under proper supervision). During rounds, students are expected to present their patients, examine them with the attending and discuss the plan of action. Morning bedside rounds with attending and fellows are from 8 a.m. to 11:30 a.m. The night team presents first in order to leave by 10 a.m. The day team that stays until 8 p.m. takes sign out from the day team that leaves at 3 p.m. and has sign-out rounds to the night team at 8 p.m. At sign-out rounds the patients are presented in a more concise format to update the sign-out sheets for proper continuation of care. Every morning after rounds, there is a cardiology conference, medical teaching conference or EKG lecture organized specifically for the rotating students.

Course Objectives

1. Knowledge of the pathogenesis and natural history, the orderly investigation, differential diagnosis and management of cardiac disease, principally ischemic, but including other types as well, hemodynamic instability, and respiratory insufficiency.
2. Clinical skills: medical interviewing and physical examination.
3. Medical decision-making: analysis of medical data and synthesis of information.
4. Special skills, including emphasis on EKG reading.

Course Objectives (Cont.)

5. Diagnosis and management of complex inpatient problems.
6. Specialized CCU patient case.
7. Oral presentation of clinical cases.
8. Review of cardiac imaging studies, echocardiography, angiography, magnetic resonance.

Student Experiences

COMMON PROBLEMS/DISEASES:

- Acute myocardial infarction
- Congestive heart failure
- Acute pulmonary edema
- Hypotension and shock
- Cardiac arrhythmias
- Valvular heart disease
- Unstable angina
- Cardiomyopathy
- Respiratory Insufficiency

INPATIENT: 100%

OUTPATIENT: 0%

CONSULTATION: 0%

PRIMARY CARE: 100%

CLOSE CONTACT WITH:

- Full-time faculty
- Clinical faculty
- Fellows
- Residents
- Interns

Cardiac Intensive Care Unit (CICU)

Typical Schedule

Approx. # of Patients Evaluated Each Week by Service	63-75
Approx. # of Patients Evaluated Each Week by Student	4-5
Typical Monday	7:30 a.m.: Clinical pre-rounds with post-call team, fellow/resident/intern 8-11:30 a.m.: Rounds with attending, bedside rounds. Review of studies. Noon-1:30 p.m.: Lecture 2-3 p.m.: Follow-up of patients 4-5 p.m.: Sign-out rounds with fellow/attending
Typical Tuesday	7:30 a.m.: Clinical pre-rounds with post-call team, fellow/resident/intern 8-11:30 a.m.: Rounds with attending, bedside rounds. Review of studies. Noon-1:30 p.m.: Lecture 2-3 p.m.: Follow up with patients 4-5 p.m.: Sign-out rounds with fellow/attending
Typical Wednesday	7:30 a.m.: Clinical pre-rounds with post-call team, fellow/resident/intern 8-11:30 a.m.: Rounds with attending, bedside rounds. Review of studies. Noon-1:30 p.m.: Lecture 2-3 p.m.: Follow up with patients 4-5 p.m.: Sign-out rounds with fellow/attending
Typical Thursday	7:30 a.m.: Clinical pre-rounds with post-call team, fellow/resident/intern 8-11:30 a.m.: Rounds with attending, bedside rounds. Review of studies. Noon-1:30 p.m.: Lecture 2-3 p.m.: Follow up with patients 4-5 p.m.: Sign-out rounds with fellow/attending
Typical Friday	7:30 a.m.: Clinical pre-rounds with post-call team, fellow/resident/intern 8-11:30 a.m.: Rounds with attending, bedside rounds. Review of studies. Noon-1:30 p.m.: Lecture 2-3 p.m.: Follow up with patients 4-5 p.m.: Sign-out rounds with fellow/attending
On-Call Schedule	No night call, one day off per week
Weekend Activities	No night call, one day off per week
Additional Comments/Special Requirements	NONE