General Information

COURSE CHAIR: Isabel Pedraza, MD

STUDENT COORDINATOR’S CONTACT INFORMATION:
PHONE: 310-423-5161 *EMAIL: Medicine Education Admin Team
GroupMedicineEducationAdmin@cshs.org

STUDENTS/PERIOD: Max: three Min: one

DURATION: Three weeks

Please visit our VSLO catalog for dates and to submit your application.

Requirement(s)

- USMLE Transcript of Scores

Description

The Cedars-Sinai MICU is a 10-bed critical care facility that is fully equipped for hemodynamic monitoring, dialysis, and respiratory support. Students are expected to be knowledgeable in medicine, obstetrics, surgery, and physiology and to have a major interest in the medical management of the critically ill.

Course Objectives

- Knowledge of the pathophysiology, differential diagnosis, and medical management of critical illnesses.
- Clinical skills: medical interviewing, physical examination, and integration of data obtained from invasive hemodynamic and respiratory monitoring.
- Medical decision-making: analysis of medical risk benefit ratios and understanding of ethical and legal issues.
- Diagnosis and management of complex in-patient problems, including pre and post-operative surgical care.
- Oral presentations of clinical cases.
- Knowledge of pharmacology of cardioactive drugs, bronchodilator therapy, parenteral nutrition, and antibiotics
- Familiarity with hemodynamic monitoring equipment, mechanical ventilators, and dialysis devices
- Basic science and pathophysiology of critical illness.
- Interaction with critically ill patients and their families.

Student Experiences

COMMON PROBLEMS/DISEASES:
- Acute Respiratory Distress Syndrome
- Septic shock
- GI hemorrhage
- Complicated respiratory failure
- CNS catastrophes
- Drug intoxications
- Acute renal failure
- Acid-based and electrolyte imbalance
- Acute liver failure
- Acute myocardial infarction & failure

INPATIENT: 100%
OUTPATIENT: 0%
CONSULTATION: 0%
PRIMARY CARE: 100%

CLOSE CONTACT WITH:
- Full-time faculty
- Clinical faculty
- Fellows
- Residents
- Interns
- Other: Pharmacists
## Medical Intensive Care Unit (MICU)

### Typical Schedule

<table>
<thead>
<tr>
<th></th>
<th>Approx. # of Patients Evaluated/Week by Student</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3-5</td>
</tr>
<tr>
<td>Approx. # of Patients Eval./Each Week by Service</td>
<td>25</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weekly Activity</th>
<th>Schedule Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typical Monday</td>
<td>6:30am – Work Rounds, 8:00am – ICU Rounds, 12:00pm – Dept. of Med Conf., 4:30pm – ICU Sign-out Rounds</td>
</tr>
<tr>
<td>Typical Tuesday</td>
<td>6:30am – Work Rounds, 8:00am – ICU Rounds, 12:00pm – Dept. of Med Conf., 4:30pm – ICU Sign-out Rounds</td>
</tr>
<tr>
<td>Typical Wednesday</td>
<td>6:30am – Work Rounds, 8:00am – ICU Rounds, 12:00pm – Dept. of Med Conf., 4:30pm – ICU Sign-out Rounds</td>
</tr>
<tr>
<td>Typical Thursday</td>
<td>6:30am – Work Rounds, 8:00am – ICU Rounds, 12:00pm – Dept. of Med Conf., 4:30pm – ICU Sign-out Rounds</td>
</tr>
<tr>
<td>Typical Friday</td>
<td>6:30am – Work Rounds, 8:00am – ICU Rounds, 12:00pm – Dept. of Med Conf., 4:30pm – ICU Sign-out Rounds</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>On-Call Schedule</th>
<th>Students on this elective will be on call every third night and will participate during weekend rounds.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekend Activities</td>
<td>Students on this elective will be on call every third night and will participate during weekend rounds.</td>
</tr>
</tbody>
</table>

### Additional Comments/Special Requirements

Each student will be assigned to a team consisting of a resident and an intern on-call every third night. The students will be under the supervision of full-time attendings and private physicians. Daily work rounds are held with the attending physician and fellow in critical care medicine. Numerous subspecialty consultants from the private and full-time attending staff are available. In addition, formal didactic conferences will be given four times weekly.