685H ADVANCED THORACIC AND CARDIAC SURGERY

Course Description:
Advanced Thoracic and Cardiac Surgery is an elective course in which the student is assigned to the cardiothoracic service, evaluates patients with a range of pulmonary and cardiac disorders, participates in all phases of management, and attends rounds and conferences. The student is given basic instruction in cardiopulmonary physiology as it relates to surgical problems. Scrub in on open heart and thoracic cases at UCI medical center.

Department: Surgery

Prerequisites: UCI students must have successfully complete their basic science curriculum and the Surgery Core Clerkship. Extramural students must be in their last year of undergraduate medical education.

Restrictions: None

Elective Director: Allen Kong, M.D., UC Irvine Medical Center, Department of Surgery, 333 City Blvd. West, Suite 705, Route 81, Orange, CA 92868, 714-456-5890, konga@uci.edu

Site Coordinator: Astara Mayeda, UC Irvine Medical Center, 101 The City Drive, South City Tower, Suite 810 Orange CA 92868 714-456-5533, ahmayeda@uci.edu

Site: UC Irvine Medical Center

Instructing Faculty: Dr. Milliken

Course Website: None

Location to Report on the First Day: Contact Astara Mayeda, 714-456-5533, ahmayeda@uci.edu

Time to Report on First Day: 8:30 am

Who to Report to on the First Day: Get resident rotation schedule by contacting Astara Mayeda, 714-456-5533, ahmayeda@uci.edu

Periods Available: Throughout the year

Duration: 2-4 weeks

Number of Students: 1

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/

Course Objectives: At the end of this rotation, students will be able to:

- Demonstrate knowledge and skill in all phases of cardiothoracic service
- Demonstrate skill in surgical technique
- Demonstrate skill in patient management; history taking, physical examination
- Demonstrate the ability to establish rapport with patients
- Demonstrate knowledge of anatomy and physiology of the cardiovascular system

Key Topics:

- Surgical management of ischemic and valvular heart disease
- Surgical management of pulmonary malignancy
- Critical care management of open heart patients
Competencies:

- Surgical management of ischemic and valvular heart disease
- Surgical management of pulmonary malignancy
- Critical care management of open heart patients

Attitudes and Commitments:

- Students will understand and appreciate the comprehensive commitment to patients and their families when entrusted to perform high risk procedures.

Educational Activities: Information not provided by the department

What Students should do to Prepare for the Rotation: Nothing

Clinical Responsibilities of the Student: Senior medical students will perform at the level of a surgical intern, with the exception of writing patient orders. They will follow and identify with their own patients from admission to discharge as well as clinic follow up.

Patient Care Responsibility: Senior medical students will perform at the level of a surgical intern, with the exception of writing patient orders. They will follow and identify with their own patients from admission to discharge as well as clinic follow up.

Call Schedule of the Student: Call is voluntary and not required for this rotation

Procedures to be Learned by the Student: Varies with rotation service.

Percentage of Time Student will Participate in Ambulatory Setting: 10%

Conference/Lecture/Small Group Sessions: There is no standardized material for this rotation.

Course Hours Weekly Summary:

<table>
<thead>
<tr>
<th>Hours</th>
<th>Activity</th>
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<tbody>
<tr>
<td>3.0</td>
<td>Conference</td>
</tr>
<tr>
<td>4.0</td>
<td>Clinic</td>
</tr>
<tr>
<td>2.0</td>
<td>Grand Rounds</td>
</tr>
<tr>
<td>20.0</td>
<td>Operating Room</td>
</tr>
<tr>
<td>2.0</td>
<td>Small Groups</td>
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<tr>
<td>6.0</td>
<td>Ward Rounds</td>
</tr>
<tr>
<td>10.0</td>
<td>Other</td>
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<tr>
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<td>Total</td>
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</tbody>
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Content Theme Integration: None

Recommended Reading: Standard cardiothoracic text. Department of Surgery Cardiac Surgery Protocol and Procedures Manual

Official Grading Policy: Students will receive a final grade of Honors, Pass or Fail. The student's final evaluation will be submitted on the standard UC Irvine Elective Evaluation Form. The student's final evaluation will be derived from input from Attendings and Residents. The student will be evaluated with specific attention to: surgical technique, patient management, history and physical taking, patient rapport, and knowledge of anatomy and physiology of the cardiac system. 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.