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605A ANESTHESIA OPERATING ROOM, 4 WEEKS

Course Description: The 4 week Operating Room elective is offered at UC Irvine. Students are assigned daily to work with an anesthesiology resident and attending, and are expected to fully participate in the anesthetic management of the surgical cases scheduled for his/her team. The first two weeks will be spent in the general OR, while the second two weeks will be spent on various subspecialties such as OB and acute pain. Students will also participate in resident didactics, which may include Simulation and Ultrasound sessions.

Department: Anesthesiology

Prerequisites: UC Irvine students must have successfully completed their basic science curriculum. Extramural students must be in their final year of undergraduate medical education.

Restrictions: Enrollment priority will be given to UC Irvine students. This rotation is not accepting international or osteopathic students. This elective is not open during block one or two.

Elective Director: Kyle Paredes, MD

Instructing Faculty: All faculty within the Department of Anesthesiology

Course Website: http://www.anesthesiology.uci.edu/education_med.shtml

Site(s): UC Irvine Medical Center

Site Coordinator: Razan Duella, Medical Student Coordinator
UCI Medical Center - 101 The City Drive South, Bldg. 53, Room 205, Orange, CA 92868
Telephone: (714) 456-5342, Fax: (714) 456-7321, Email: rduella@uci.edu Email contact is preferred

Who to Report to on First Day: Contact Site Coordinator
Location to Report on First Day: Building 53, Room 205

Time to Report on First Day: 9 AM

Periods Available: Throughout the year in 4 week blocks excluding month of July

Duration: 4 weeks

Number of Students: 6 total per block

Scheduling Coordinator:

UC Irvine students must officially enroll for the course by contacting the Scheduling Coordinator via email or phone (714) 456-8462 to make a scheduling appointment.

Extramural students enrolled at a U.S. LCME medical school must use VSAS to apply. To apply please refer to this website <https://students-residents.aamc.org/attending-medical-school/electives-andmake-courses/applyingaway-electives-vsas/>

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

- Demonstrate knowledge of the anesthesiologist's role in patient care
- Demonstrate knowledge of the principles of evaluation and preparation of the patient for surgery
- Demonstrate skill to manage the intraoperative events
- Demonstrate skill to manage a patient in the postoperative phase

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- Demonstrate knowledge of the anesthesiologist's role as a consultant in the management of the trauma patient
- Demonstrate knowledge of the anesthesiologist's role in the management of the parturient.
- Demonstrate skill in the care and management of the patients with cardiovascular disease
- Demonstrate skill in the applied pharmacology, physiology and acute pain management
- Demonstrate skill in basic airway management
- Demonstrate procedural skills such as IV catheter placement, mask ventilation, intubation

Key Topics: Not Stated

Competencies: Not Stated

Attitudes and Commitment: Daily attendance is expected. Students are expected to demonstrate cooperation and teamwork while part of the anesthesia care team.

Educational Activities: Students are assigned on a daily basis to a team with an anesthesiology resident and attending and are expected to fully participate in the anesthetic management of the surgical cases scheduled for his/her team. Students attend department grand rounds, clinical case conferences, and simulation sessions during the rotation.

What Students Should do to Prepare for the Rotation: Prior the start of the rotation the student should visit the departmental website at http://www.anesthesiology.uci.edu/education_med.shtml All orientation, contact and syllabus information can be found on this site.

Clinical Responsibilities of the Student: Not Stated

Patient Care Responsibilities: Not Stated

Call Schedule of the Student: Not Stated

Procedures Students will Learn:

- Airway management
- IV catheter placement
- Arterial line placement

Percentage of Time in Ambulatory Setting: Variable

Conference/Lecture/Small Group Sessions: Grand Rounds, Clinical Case Conference, Simulation

Session Course Hours Weekly Summary: Not Stated

Content Theme Integration: None

Recommended Reading: Clinical Anesthesiology, Edward Morgan, M.D., Maged Mikhail, M.D. (on loan from the department) Essentials of Anesthesiology, David C.C.

Official Grading Policy: Students will receive a final grade of Honors, Pass or Fail for this course. The standard UC Irvine elective evaluation form will be used to determine the student's final grade. The students' grade is based largely on faculty and resident evaluation of the students' performance

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throughout the course. In addition, grades will be based on attendance, participation in conferences and activities, and a final written exam.