

CLINICAL ANESTHESIOLOGY

Credit: All

Location: LAC+USC Medical Center

Revised: 1/6/2009

Applications will be accepted on a first come, first serve basis throughout the year

PREREQUISITE: None

DURATION: 4 to 6 weeks

DATES OFFERED: All Year

Rotation scheduled: to begin any Monday

NUMBER OF STUDENTS: 8 students, Mid-August through June; 2 Students, July to Mid-August

VISITING STUDENTS: Yes

COURSE OBJECTIVES:

Students will be able to:

1. Discuss the importance of pre-operative evaluation with different pathophysiological states, the type of surgery and their concomitant impact on choice of anesthetics.
2. Discuss ventilator management, blood gas analysis, advanced life support, regional anesthetic techniques, arterial and central venous catheter placement and pain management.

SUPERVISION:

50% Residents

50% Faculty

DESCRIPTION:

The rotation primarily consists of anesthetic management in the OR and a series of basic lectures. The majority of the student's time is spent in the operating room, with direct patient contact and case management. The student is paired with a senior anesthesia resident and with direct staff supervision participates in all aspects of anesthetic care; pre-operative evaluation, formulation of an anesthetic plan, induction, airway management, maintenance and immediate post-operative care. The student will rotate through general, orthopedic, obstetrics, ENT and pediatric surgical services. Cardiovascular, neurosurgical, ICU and pain management are available, if time permits. In addition to the basic introduction lectures the students are expected to participate in resident case conferences (M & M), Journal Club and weekly tutorials. The student will participate in a minimum of one trauma and one obstetric late call with their paired resident.

EVALUATION:

Evaluation is based primarily from OR participation and the written examination which is given at the end of the rotation.
