

Medical Student Educational Objectives



The Department of Anesthesiology is committed to achieving the following educational objectives during the student's four week rotation:

- Introduce principles of acute medicine as it is practiced in managing the anesthetized patient in the operating room and in managing the patient in the recovery unit.
- Discuss and demonstrate principles of applied physiology and applied pharmacology.
- Review principles and skills in resuscitation (cardiopulmonary, cerebral, fluid and others).
- Teach care of the unconscious patient, including airway and ventilation management.
- Teach management of fluid, electrolyte, and metabolic disturbances in the surgical patient, with specific emphasis on those derangements encountered in the anesthetized patient.
- Review management of acute and chronic pain problems.
- Introduce drug interactions, especially as they apply to patients receiving anesthesia.
- Demonstrate the evaluation of patients relative to surgical and anesthetic risk.
- Teach appropriate preoperative preparation of patients subjected to surgery and anesthesia.
- Introduce the various techniques of anesthesiology.

In order to achieve these objectives, the student taking an anesthesia rotation will participate in supervised patient care in and out of the operating room. She/he will be assigned patients daily to examine, evaluate and determine the anesthetic management for their surgical procedure. Each patient will be discussed in detail with a staff anesthesiologist or resident so that reasons for decisions and related, suggested readings may be presented.

To further assist the student in attaining these goals, we offer clinical assignments in the University Hospital and other units such as: ambulatory care, cardiology, obstetrical anesthesiology, pediatric anesthesiology and pain management.

In addition to clinical assignments, students take part in a variety of didactic sessions offered in the department. On Thursday mornings, "Grand Rounds" are held for the entire department. Also, most weekday mornings, there is a clinical anesthesia conference for all personnel scheduled to work in the Main operating rooms.