

## **Anesthesiology**

### **ANES 419 Anesthesiology Acting Internship**

This four week rotation provides senior medical students with the opportunity to be actively involved in the specialty of anesthesiology. The student will be rotating through various hospital sites shadowing our anesthesia residents. These sites will include UMCNO and Children's hospital. Working in areas such as the preoperative clinics, operating rooms, post anesthetic care units will give the student exposure to the various roles of patient care that an Anesthesiologist provides. Objectives of this course will be:

- Assess and evaluate preoperative risk factors for anesthesia and surgery.
- Basic Airway Management assessment.
- Describe the principles of applied physiology and pharmacology in anesthesia.
- Basic management of fluids and electrolytes in patients undergoing anesthesia.

Students will be expected to attend lectures, conferences, read and review current literature. Some days will require a 12 hour shift. Review of a journal article related to the specialty will be expected at the end of the rotation.

### **ANES 420 Anesthesiology Clinical**

This four week rotation provides senior medical students the opportunity to be actively involved in the operating room environment. The student will be rotating through various hospital sites shadowing our anesthesia residents. These sites will include UMCNO and Children's hospital. Working in these various areas will give the student exposure to the specialty of anesthesiology. Objectives of this course will be:

- Assess and evaluate preoperative risk factors for anesthesia and surgery.
- Basic Airway Management assessment.
- Describe the principles of applied physiology and pharmacology in anesthesia.
- Basic management of fluids and electrolytes in patients undergoing anesthesia.

Students will be expected to attend lectures, conferences, read and review current literature. Completion of a verbal case report with literature review will be expected at the end of the rotation.

### **ANES 498 Anesthesiology Research**

This four week rotation provides senior medical students the opportunity to actively be involved in various research aspects of this specialty with the Chairman of the Department. The student will be exposed to the many facets of publication, introductions to writing grant proposals, and gaining approval from various institutional review boards. Lab research and /or clinical research projects may be conducted under direction from the Chairman. Upon completion of this rotation, the student will be expected to write a review article for publication.