

Name of Course: Anesthesiology

Department Head: Commander John Bastien, MC, USN
Rotation Coordinator: CDR George Newton, MC, USN
Duration: 4 weeks – November through June
Number of Students: One
Student Level: MS3 or MS4

Course Description: The anesthesiology clinical rotation will provide the medical student with hands on experience at airway management including bag/mask ventilation, insertion of oral and nasal airways, laryngoscopy, and tracheal intubation. The student will learn the principles of anesthetic management and the indications for different general and regional techniques. S/he will be exposed to the anesthesiologist as a peri-operative physician. S/he will also experience a practical review of pharmacology and physiology in the clinical setting. Those individuals with future interest in the field of anesthesiology will be considered on a case-by-case basis for a limited exposure to pain management and obstetrical anesthesia.

Distribution of Student's Efforts: Monday through Friday
No weekends/holidays
No overnight call
Patient Contact: 80% outpatient, 20% inpatient
2.5 hours per week conferences/lectures
40 hours per week faculty contact time

Objectives: By the end of the rotation, the student should be able to:

1. Evaluate uncomplicated patients for elective, routine surgery
2. Recognize indications for general and regional anesthesia
3. Setup and ensure proper functioning of equipment for basic anesthetic administration
4. Place intravenous catheters and be aware of perioperative fluid management
5. Establish and manage routine airways via mask
6. Perform tracheal intubation for most routine patients
7. Become sensitive to pharmacologic and physiologic principles of multiple organ systems as they apply to the anesthetized and non-anesthetized states
8. Have an awareness of the complexities and complications involved in the peri-operative period for patients undergoing surgery and the administration of an anesthetic
9. Have an awareness of factors involved in the recovery of patients from anesthesia
10. Follow patients in the convalescence from surgery and anesthesia

Evaluation: 100% Clinical Observation / Faculty Evaluation

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