

ANES 463 - Anesthesia Clinical Experience I Fall 2009

Faculty:

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Course Overview:

A continuation of the preparation, observation and hands-on learning format initiated in ANES 461. Patient management and technical skills are refined with close attention to the didactic course work. A comprehensive clinical examination is administered at the end of the semester. ACLS (Advanced Cardiac Life Support) certification is required for course completion. Prerequisite: ANES 461.

Grading:

During rotations, clinical instructors are asked daily to complete an evaluation form that coincides with the student's level of education in anesthesia. Upon completion, these forms are reviewed carefully and used to calculate semester grades.

Student grades are determined by completed evaluations. It is imperative that an evaluation is completed for **every** day a student is assigned to the OR. If the student does not enter his or her case log(s) for the day, an evaluation will not be generated and the student will receive scores of one for that day.

Course Objectives:

By the end of the Fall semester, the first year MSA student should strive to be 80% successful when performing the following tasks *with moderate assistance* (defined as "supervision 100% of the time with technical support 50% of the time given by a clinical instructor"):

1. Venous cannulation and fluid therapy on healthy **adult** patients.
2. Airway management on anesthetized, healthy **adult** patients.
3. Laryngoscopy and endotracheal intubation on anesthetized, healthy **adult** patients with Mallampati Class I or II airways.
4. Accurate completion of the intraoperative record with no blank spaces.
5. Anesthesia machine checkout and appropriate room setup for healthy (ASA I & II) **adult** general anesthesia management.
6. Placement of laryngeal mask airways in healthy **adult** patients.
7. Closely supervised involvement with pediatric airway management and venous cannulation in preparation for performance testing by the end of the first year.

The performance checklist for the Fall semester-basic science year contains the following items:

1. Successful placement of intravenous cannulas with calculation of fluid deficit/replacement and maximum allowable blood loss for healthy adult patients.
2. Successful completion of general anesthetics on healthy adult patients managed with mask assisted spontaneous respirations.
3. Successful endotracheal intubations on healthy adult patients (Mallampati Class I or II).
4. Adequate completion of intraoperative records for uncomplicated cases.
5. Appropriate setup of the anesthesia machine and tabletop for uncomplicated (ASA I & II) adult general anesthetics.
6. Successful placement of laryngeal mask airways in healthy adult patients.