

FOURTH YEAR ELECTIVE TITLE ANESTHESIOLOGY		COURSE NUMBER ANES9000	LOCATION ROBERT WOOD JOHNSON UNIVERSITY HOSPITAL
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BLOCKS AVAILABLE 1 - 12 BLOCK 12 FOR 3RD YR STUDENTS ONLY	DURATION/WEEKS 2	HOURS PER WEEK 45	STUDENTS MAX 4
LECTURES/SEMINARS YES	OUTPATIENT YES	INPATIENT YES	HOUSESTAFF YES
NIGHT CALL YES	WEEKENDS NO	LAB NO	EXAM REQUIRED NO

OVERALL EDUCATIONAL GOAL OF ELECTIVE

- To give students an appreciation of the field of Anesthesiology
- To learn the process of preoperative evaluation and the implications of medical comorbidities in the perioperative period
- To become familiar with the characteristics of commonly used anesthetic agents and techniques and their risks and complications
- To become acquainted with the principles and skills involved in airway management, intravenous line insertion, and the use of invasive and non-invasive monitoring

OBJECTIVES

- I. Patient Care
 - A. Students will demonstrate caring and respectful behaviors during their perioperative contact with patients
 - B. Students will demonstrate an ability to perform basic pre-operative patient evaluations
 - C. Students will demonstrate basic skills in performing routine technical procedures
- II. Medical Knowledge
Students will demonstrate basic medical knowledge of pharmacology and physiology pertinent to Anesthesia
- III. Practice-based Learning and Improvement
Students will demonstrate an ability to expand their clinical knowledge base and skills
- IV. Interpersonal and Communication Skills
Students will demonstrate the basic skills required to communicate effectively with patients, patients' families, and members of the health care team
- V. Professionalism
 - A. Students will demonstrate respect, compassion, and integrity towards those around them.
 - B. Students will maintain good attendance and punctuality for scheduled activities
- VI. Systems-based Care
Students will demonstrate effective involvement in a health care team

BRIEF DESCRIPTION OF ACTIVITIES

Students will participate in the induction of anesthesia and the maintenance of an airway by both mask ventilation and intubation; intraoperative anesthesia maintenance including the use of various anesthetic agents; various regional anesthetic techniques; pain management for acute and chronic conditions; the anesthetic management of the obstetrical, cardiac, and pediatric patient; and anesthetic goals in an ambulatory setting.

METHOD OF STUDENT EVALUATION

Students will be assigned to an Anesthesia attending and resident who will be responsible for evaluating their progress. Evaluation will be done by observing the students' involvement in the perioperative management of the patients that they are following and their ability to handle simple anesthetic techniques. Evaluation will also be based on their general medical knowledge and additional reading pertaining to anesthesia ssduring their elective.

ARE THERE ANY PREREQUISITES FOR THIS ELECTIVE? No

IS THIS ELECTIVE AVAILABLE TO THIRD YEAR MEDICAL STUDENTS AS WELL? Yes