FOURTH YEAR ELECTIVE TITLE

ANESTHESIOLOGY

COURSE NUMBER
ANES 9000

LOCATION
ROBERT WOOD JOHNSON UNIVERSITY HOSPITAL

ELECTIVE DIRECTOR
STEFANIE BERMAN, MD

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BLOCKS AVAILABLE
2 - 10
BLOCK 11 FOR 3RD YR STUDENTS ONLY

DURATION/WEEKS
MIN 2; MAX 6

HOURS PER WEEK
45

STUDENTS
MAX 2

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 teach techniques of preoperative evaluation and the implications of concurrent medical conditions in the intraoperative period
- To teach the characteristics of commonly used anesthetic agents and techniques and their risks and complications
- To acquaint students 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 skills

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, patient 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

OVER
**BRIEF DESCRIPTION OF ACTIVITIES**

Students will participate in the induction of anesthesia and the maintenance of an airway by both mask and intubation; intraoperative management 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 intraoperative 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 performed during their elective.

**ARE THERE ANY PREREQUISITES FOR THIS ELECTIVE?** No

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