

FOURTH YEAR ELECTIVE TITLE INTRODUCTION TO CLINICAL RESEARCH		COURSE NUMBER ANES 9002	LOCATION ROBERT WOOD JOHNSON UNIVERSITY HOSPITAL
ELECTIVE DIRECTOR Christopher Fjotland, MD Alexander Kahan, MD	ELECTIVE FACULTY Christopher Fjotland, MD Alexander Kahan, MD	ELECTIVE CONTACT Shaul Cohen, MD 732-235-7827	CONTACT PHONE/FAX/EMAIL PH. 732-937-8841 FAX 732-418-8492 Christopher Fjotland, MD Alexander Kahan, MD
BLOCKS AVAILABLE ALL	DURATION/WEEKS MIN 4; MAX 12	HOURS PER WEEK 20	STUDENTS MAX 2
LECTURES/SEMINARS No	OUTPATIENT No	INPATIENT YES	HOUSESTAFF No
NIGHT CALL No	WEEKENDS No	LAB YES	EXAM REQUIRED No

OVERALL EDUCATIONAL GOAL OF ELECTIVE

To gain experience and an understanding of the means and methods of conducting clinical research in an operating room or intensive care setting

OBJECTIVES

- 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.
 - To give students who have had an introduction to Anesthesia a more advanced exposure to complicated anesthesia cases and procedures.
- 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.

BRIEF DESCRIPTION OF ACTIVITIES

Students will develop ideas for a simple clinical study or participate in an ongoing clinical study in conjunction with a faculty advisor or investigator. Emphasis will be placed on selection of appropriate goals of a study, the methods of carrying out literature searches, statistically valid structuring of study populations, and assessment of attainment of study goals. Significant results may be submitted for publication in association with the faculty advisor(s).

ARE THERE ANY PREREQUISITES FOR THIS ELECTIVE? No

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