

FOURTH ELECTIVE TITLE RADIATION ONCOLOGY		COURSE NUMBER RONC 9100	LOCATION ROBERT WOOD JOHNSON UNIVERSITY HOSPITAL
ELECTIVE DIRECTOR Anupama Chundury, MD	ELECTIVE FACULTY Bruce Haffty, MD Salma Jabbour, MD Sung Kim, MD	ELECTIVE CONTACT Angelina Acevedo Radiation Oncology CINJ Rm 2013 New Brunswick	CONTACT/PHONE/FAX/EMAIL Ph: 732-253-3956 ac1807@cinj.rutgers.edu or acevedad@cinj.rutgers.edu Fax: 732-253-3953
BLOCKS AVAILABLE 1-12	DURATION/WEEKS Min 2; Max 4	HOURS PER WEEK	STUDENTS Max 2
LECTURES/SEMINARS Yes	OUTPATIENT Yes	INPATIENT No	HOUSESTAFF Yes
NIGHT CALL No	WEEKENDS No	LAB No	EXAM REQUIRED No

OVERALL EDUCATIONAL GOAL OF ELECTIVE

To gain understanding of the effects of ionizing radiation on tumor and normal tissue.

OBJECTIVES

To provide an introduction to the field of radiation oncology. Students will gain experience in patient consultation, simulation, treatment planning, and management during treatment and surveillance care after treatment. Students will also be introduced to the physical and radiobiologic aspects of radiation. Elective rotations are recommended to be 4 weeks. Formal 2-week rotations will be allowed, and students will undergo a formal evaluation. Rotations shorter than 2 weeks can be informally arranged on an individualized basis, but will not be considered formal elective rotations and no evaluation of the student will be made.

I. Patient care – To understand the flow of a patient through the radiation therapy department. To understand the different paradigms for treatment (use of chemotherapy and radiation, what type of radiation modality to use) for individual patients.

II. Medical knowledge – To be able to use scientific studies and apply them to patient care.

III. Practice-based learning and improvement - To be able to perform appropriate literature searches to aid in patient care.

IV. Interpersonal and communication skills – To be able to speak and interact well with patients and their families, and the other health professionals in the radiation therapy department.

V. Professionalism – To be able to behave and interact with the patients and staff in a very ethical, compassionate manner.

VI. Systems-based Practice – To begin to think about utilization of advanced and expensive technologies and when they are appropriate.

BRIEF DESCRIPTION OF ACTIVITIES

Students will spend the first week observing in the following areas, then participate increasingly:

- Consultation (both inpatient and outpatient)
- Simulation
- Treatment Planning
- Symptom Management
- Surveillance Care

METHOD OF EVALUATION

Written

ARE THERE ANY PREREQUISITES FOR THIS ELECTIVE? No

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