

<b>FOURTH ELECTIVE TITLE RADIATION ONCOLOGY</b>		<b>COURSE NUMBER</b>  RONC 9100	<b>LOCATION</b>  ROBERT WOOD JOHNSON UNIVERSITY HOSPITAL
<b>ELECTIVE DIRECTOR</b>  Matthew Deek, MD	<b>ELECTIVE FACULTY</b>  Bruce Haffty, MD Salma Jabbour, MD Sung Kim, MD <a href="#">Matthew Deek, MD</a> <a href="#">Rahul Parikh, MD</a> <a href="#">Nisha Ohri, MD</a> <a href="#">Ronald Ennis, MD</a> <a href="#">Lara Hathout, MD</a> <a href="#">Joseph Weiner, MD</a> <a href="#">Malcolm Mattes, MD</a>	<b>ELECTIVE CONTACT</b>  Sharda Kohli Radiation Oncology CINJ Rm 2013 New Brunswick	<b>CONTACT/PHONE/FAX/EMAIL</b>  Ph: 732-235-6144 <a href="mailto:deekmp@cinj.rutgers.edu">deekmp@cinj.rutgers.edu</a> or <a href="mailto:kohlish@cinj.rutgers.edu">kohlish@cinj.rutgers.edu</a>  Fax: 732-253-3953
<b>BLOCKS AVAILABLE</b>  1-12	<b>DURATION/WEEKS</b>  Min 2; Max 4	<b>HOURS PER WEEK</b>	<b>STUDENTS</b>  Max 2
<b>LECTURES/SEMINARS</b>  Yes	<b>OUTPATIENT</b>  Yes	<b>INPATIENT</b>  No	<b>HOUSESTAFF</b>  Yes
<b>NIGHT CALL</b>  No	<b>WEEKENDS</b>  No	<b>LAB</b>  No	<b>EXAM REQUIRED</b>  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