

FOURTH YEAR ELECTIVE TITLE CHEST RADIOLOGY		COURSE NUMBER RAD 9012	LOCATION NEW BRUNSWICK
ELECTIVE DIRECTOR JUDITH AMOROSA, MD	ELECTIVE FACULTY J. AMOROSA, MD M. BRAMWIT, MD R. JAFFE, MD	ELECTIVE CONTACT JASMINE ALLEN RWJMS RADIOLOGY MEB 404 NEW BRUNSWICK	CONTACT PHONE/FAX/EMAIL PH. 732-235-7721 FAX 732-235-6889 allenj1@rutgers.edu
BLOCKS AVAILABLE 3-10	DURATION/WEEKS MIN 1; MAX 3	HOURS PER WEEK 30 - 40	STUDENTS MAX 1
LECTURES/SEMINARS YES	OUTPATIENT YES	INPATIENT YES	HOUSESTAFF YES
NIGHT CALL No	WEEKENDS No	LAB No	EXAM REQUIRED No

OVERALL EDUCATIONAL GOAL OF ELECTIVE

To introduce the student to the clinical applications of chest radiography in the out-patient setting, in-patient and ICU settings. Student is introduced into indications for CT, basic cross-sectional anatomy of the chest and interpretation. Introduction to PACS is part of the curriculum.

OBJECTIVES

- Study principles, methods and application of chest imaging with attending staff
 - Interdepartmental conferences with pulmonary and thoracic services are part of the elective
- I. Patient care – Students will be able to participate in the decision making process about Chest imaging of patients
 - II. Medical knowledge – Through clinical reviews, reading focused websites, clinical cases students should increase his/her medical knowledge of chest radiology along with obtaining information about management of chest imaging.
 - III. Practice-based learning and improvement - Learn how to use Radiology resources: ACR Appropriateness criteria, RSNA on deciding on chest imaging for a patient in future practice.
 - IV. Interpersonal and communication skills – From description of images in different conditions (via reports, listening to dictations, consultations, telephone communications) the student obtains skills to communicate about imaging findings and how they relate to the patient.
 - V. Professionalism – Student will be able to see and use the skills to discuss clinical cases in a consultations setting by recognizing that patient's identity is protected and will not discuss patient related matter in a full elevator.
 - VI. Systems-based Practice – Learn basic operation of PACS and how PACS is used to speed up emergency patients towards treatment
 - VII. Attend Multi-Disciplinary Lung Cancer/Clinical Conference Thursdays 8am-9am at 10 Plum Street, New Brunswick on the 9th floor in the Board Room (subject to change).

BRIEF DESCRIPTION OF ACTIVITIES

During the chest radiology elective, the student will learn the basics of chest radiograph interpretation, cross-sectional anatomy necessary to identify intrathoracic structures. The common diseases: pneumonia, lung cancer, HIV, pneumoconiosis will also be discussed. The learning process will be through film material, Internet sites and film interpretation sessions. All students rotating for three weeks must do a project about lung problems.

METHOD OF EVALUATION

Close staff/student supervision. Only Pass or Fail grades can be given for students rotating for one to two weeks. Any students rotating for three weeks will receive a grade as following: Honors, High Pass, Pass, Conditional Pass, or Fail.

ARE THERE ANY PREREQUISITES FOR THIS ELECTIVE? Yes, Diagnostic Radiology

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