

680C CHEST DIAGNOSTIC RADIOLOGY

AKA Thoracic and Cardiovascular Radiology

Course Description: The medical student will attend readout sessions for chest radiographs, computed tomography (CT) and MR of the thorax and cardiovascular structures. Teaching topics will include correlation between pathology and imaging, fundamentals in analysis of the chest radiograph, and evaluation of lines and tubes.

Department: Radiological Sciences

Prerequisites: UC Irvine students must have successfully completed their basic science curriculum and the radiology core clerkship. Extramural students must be in their final year of undergraduate medical education.

Restrictions: None

Elective Director: Mayil Krishnam , M.D. , UC Irvine Medical Center, Department of Radiological Sciences, 101 The City Drive South, Orange, CA 92868, (714) 456-3610. mskrishn@uci.edu

Instructing Faculty: Dr. Abbona, Dr. Bista, Dr. Bosemani, Dr. Krishnam

Course Website: None

Who to Report to on First Day: Lindsay Wold

Location to Report on First Day: Building 20, Education Office (Map will be provided)

Time to Report on First Day: 9 am

Site Coordinator: Lindsay Wold, UC Irvine Medical Center, Department of Radiological Sciences, 101 The City Drive South, Building 20, Orange, CA 92868, Office: (714) 456-6595 Fax: (714) 456-7430 Email: lwold@uci.edu

Site: UC Irvine Medical Center

Periods Available: Through out the year

Duration: 2 week ONLY;

Number of Students: 2 maximum

Scheduling Coordinator: UC Irvine students please email comsched@uci.edu or call (714) 456-8462 to make a scheduling appointment. Please read the following information carefully. Any student enrolled at a U.S. LCME medical school will use VSAS to apply. To apply please refer to this website <http://www.aamc.org/programs/vsas/>.

Course Objectives: At the end of this rotation the student will be able to:

- Analyze chest x-rays.
- Assess positioning and complications of life support lines and tubes.
- Determine the kinds of cross-sectional imaging exams indicated for different clinical problems.
- Understand how plain film and cross-sectional imaging reflects pathophysiologic processes in the chest and Cardiovascular and Thoracic.

Key Topics:

- Giving clinically relevant history when ordering imaging exams.
- Chest imaging in critical care.
- Chest imaging of infection, tumor, cardiac disease, pulmonary embolism.

- Evaluation of life support lines and tubes.

Competencies:

- Basic interpretation of chest x-rays.
- Basic plain film and cross-sectional anatomy of the chest.
- Assessment of positioning and complications of life support lines.
- Assistance in putting together a medical student teaching file.

Attitudes and Commitment:

- Respect for the chest radiologist as a consultant.
- Commitment to continuity of patient care.
- Commitment to improvement of patient care through sharing of relevant information with the radiologist.

Educational Activities:

- Attending faculty-resident readouts at boards.
- Preparing medical student teaching files.
- Preparing a case report.
- Attending department lectures and conferences.
- Reviewing web based teaching files.
- Participate in scan protocol and supervision

What Students Should do to Prepare for the Rotation: Prior completion of the core clerkships

Clinical Responsibilities of the Student: Assist in collecting clinical information about patients

Patient Care Responsibilities: No direct responsibility

Call Schedule of the Student: None

Procedures Students will Learn: None

Percentage of Time in Ambulatory Setting: None

Conference/Lecture/Small Group Sessions:

- Departmental noon and 4:00 p.m. conferences
- Weekly Grand Rounds
- Weekly Pulmonary conference, tumor board, bi-weekly TAVR, and monthly Tuberculosis Rounds
- Weekly Vascular Conference

Course Hours Weekly Summary: Not Stated

Content Theme Integration: Not Stated

Recommended Reading: To be assigned

Official Grading Policy: The student will receive a grade of Honors, Pass or Fail. The student's final grade will be submitted on the standard UC Irvine elective form. The student will be evaluated by attendings and residents based upon attendance, knowledge base, motivation, professionalism and interpersonal skills. If the student fails the elective a grade of "F" will be permanently recorded on his/her transcript. The student can repeat the course for a second grade, however, the "F" will not be removed from the transcript.