

680B BONE DIAGNOSTIC RADIOLOGY

Course Description: Direct student teaching by the faculty takes place during the course of review of films from both outpatient and inpatient settings. Because of the nature of the bone radiology case load, emphasis is placed on Orthopedic Radiology and Rheumatology topics, although a wide range of pathology will usually be encountered. Reading and brief presentation assignments are common, and constitute the basis of the student's evaluation by faculty. The student will have gained an appreciation of the approach to bone radiographs, common bone disease entities, as well as some of the range and scope of bone radiography and its role in the management of orthopedic patients. Students are required to have a brief presentation on a topic related to musculoskeletal Radiology at the last day of the rotations.

Department: Radiological Sciences

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

Restrictions: None

Elective Director: Hiroshi Yoshioka, M.D. , UC Irvine Medical Center, Department of Radiological Sciences 101 The City Drive, Orange, CA 92868 714-456-5033 hiroshi@uci.edu

Instructing Faculty: Dr. Anavim, Dr. Burns, Dr. Golshan-Momeni, and Dr. Yoshioka

Course Website: None

Who to Report to on First Day: Lindsay Wold

Location to Report on First Day: Building 1 Basement, Room 0115

Time to Report on First Day: 9:00 am

Site Coordinator: Lindsay Wold, UC Irvine Medical Center, Department of Radiological Sciences, 101 The City Drive South, Building 1, Room 0115, Orange, CA 92868, Office: (714) 456-3622 Fax: (714) 456-6832 Email: lwold@uci.edu

Site: UC Irvine Medical Center

Periods Available: Please refer to Medical Education scheduling grid.

Duration: 1 week only. Additional weeks need approval from the department prior to enrollment

Number of Students: 2

UC Irvine students must officially enroll for the course by contacting the Scheduling Coordinator via email or phone (714) 456-8462 to make a scheduling appointment.

Extramural students enrolled at a U.S. LCME medical school must use VSAS to apply. To apply please refer to this website <https://students-residents.aamc.org/attending-medical-school/electives-andmake-courses/applying-away-electives-vsas/>

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

- Have explored in greater depth those features of diagnostic imaging of bone to provide a deeper understanding of the analytical processes involved in radiologic diagnosis

Key Topics:

- Orthopedic injuries
- Arthritides

Competencies:

- Knowledge of common fractures and dislocations
- Learning target joints for common Arthritides
- Osteomyelitis
- Hyperparathyroidism
- Pagets Disease of bone
- Common benign and malignant neoplasms of bone

Attitudes and Commitment:

- To know the indications for ordering Radiologic exams
- To provide clinical information when they are ordering these exams
- Participate as an engaged and active learner during the rotation
- Exhibit appropriate reading room etiquette through proper attentiveness and professionalism during read-out and scanning sessions
- Avoid non-clinical use of phones, laptops, tablets, and other electronic devices during teaching, read-out, and scanning sessions; please discuss exceptions with supervising radiologists/residents

Educational Activities:

- Attending the review sessions in the morning
- Attending noon conferences
- Attending procedure sessions in the afternoon.
- Attending 4:00 pm conferences

What Students Should do to Prepare for the Rotation: The student may study the Skeletal Radiology book written by Clyde Helms

Clinical Responsibilities of the Student: Observation primarily, motivated students may be asked to look up patient information from TDS

Patient Care Responsibilities: No direct responsibility

Call Schedule of the Student: None

Procedures Students will Learn: None

Percentage of Time in Ambulatory Setting: 0%

Conference/Lecture/Small Group Sessions: There is only one standard lecture given during this rotation:

- Musculoskeletal Radiology

Course Hours Weekly Summary:

30.0	Case Based
1.0	Computer Assisted Learning
8.0	Conferences
3.0	Grand Rounds
40	Total

Content Theme Integration: None

Recommended Reading: To be assigned during the rotation

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 the supervising physicians. The students will be evaluated on attendance, knowledge base, motivation, professionalism, interpersonal skills and presentation skills. The student will receive feedback from their Preceptor on an on-going basis. Students are required to have a brief presentation on a topic related to musculoskeletal radiology at the last day of the rotations. 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.