

630L RHEUMATOLOGY

This rotation is not accepting international students

Course Description: The goal of this rotation is to provide 4th year students a closer look at musculoskeletal disorders and connective tissue diseases. Skill development in effective history taking in patients with complex musculoskeletal problems as well as basic and critical physical examination techniques to assess for the presence of arthritis will be stressed. Students will also have exposure and mentoring in arthrocentesis and joint injection. This elective is especially suited for students entering internal medicine, family medicine, emergency medicine and orthopedics.

Department: Internal Medicine, Division of Rheumatology

Prerequisites: UC Irvine students must have successfully completed the basic science curriculum. Extramural students must be in their final year of undergraduate medical education and must take 4 weeks.

Restrictions: Extramural students must be in the final year of undergraduate medical education and must take 4 weeks

Elective Director: Sheetal Desai, M.D., Department of Medicine, Division of Rheumatology, 333 City Blvd West, Suite 400, Orange, CA 92868-3298, (714) 456-7662

Instructing Faculty: Michael Cheng, M.D., Sheetal Desai M.D., Dan Mandel M.D., Tejal Thakkar M.D., Maida Wong M.D., and Irene Yang-Velez, M.D.

Course Website: None

Who to Report to First Day: Rheumatology Attending

Location to Report on First Day: UC Irvine Medical Center, 101 City Dr. South, Pavilion I, 2nd Floor, Orange, CA 92868

Time to Report on First Day: 8:30 AM

Course Coordinator: Alix Huynh, Department of Medicine, Division of Rheumatology 333 City Blvd West, Suite 400, Orange, CA 92868, 714-456-5135 alixh@uci.edu

Site: UC Irvine Medical Center and LBVAMC

Periods Available: Throughout the year, except for blackout periods [1st two weeks in July, all of November, and last two weeks of December

Duration: 4 weeks

Number of Students: Maximum 1 per rotation

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-and-make-courses/applying-away-electives-vsas/>

Course Objectives: At the end of the electives students will be able to:

- Develop basic skills of musculoskeletal history taking, rheumatologic review of systems and proper techniques for joint palpation and assessment for arthritis
- Participate in Rheumatology outpatient clinics at UCI and LBVA
- Participate in Rheumatology consult service at UCI
- Developed and deepened skills of differential diagnosis and basic management principles of common rheumatic disorders
- Development demonstrates skill in basic arthrocentesis and joint injection (especially of the knee and others if possible)

- Developed increasing proficiency in organized bedside and clinic presentations of history, physical, laboratory, assessment and plans
- Demonstrate enthusiasm and professionalism by attending assigned lectures, conferences and rounds
- Actively read assigned basic rheumatology chapters and selected patient-related material during the elective

Key Topics & Competencies:

- Rheumatoid arthritis
- Osteoarthritis
- Systemic Lupus Erythematosus
- Gout and other crystalline disorders
- Musculoskeletal physical examination skill development
- Use of diagnostic testing in Rheumatology
- Joint aspiration & injection

Attitudes and Commitments:

- Compassion and considerate care
- Rigorous evaluation of medical problems
- Ethical and professional behavior

Educational Activities: During the Rheumatology elective, students work under the supervision of the attending faculty and rheumatology fellow. The staff make rounds daily, seeing all patients and consults. Students may join faculty and fellows on rounds during weekends, if they desire, but this is not required. The consults (an average of 3-5 per week), are seen by the students or residents, and reviewed with the faculty attending. All student consultations and follow-ups must be reviewed with the rheumatology fellow prior to presentation to attending [this permits important teaching and mentoring as well as essential transmission of essential information by the student]. Students will usually participate in rheumatology faculty clinics at UCI 2 half days per week; fellows clinic at UCI 1 half day per week; LBVA clinics 2 half days per week.

Clinical Responsibilities of the Student: To complete histories and physicals and present all information to rheumatology fellow and attending, write complete and concise notes, order appropriate tests and to obtain co-signature on everything documented for a patient.

Patient Care Responsibilities: With rheumatology consult team.

Call Schedule of the Student: None

Procedures to be learned by the Student:

- Joint aspiration soft tissue injections microscopic analysis of joint fluid use of the polarizing microscope

Percentage of Time Student will participate in Ambulatory Setting: as above

Conference/Lecture/Small Group Sessions: Rheumatology grand rounds, Journal clubs, clinical stumpers conferences (2 hours per week); MS physical exam instruction (2+ hour tutorial)

Course Hours Weekly Summary:

16-20 Clinic
 2-4 Grand Rounds, PE etc
 5-10 Inpatient Rounds
 6-10 Reading

Content Theme Integration:

- Communication skills
- Patient care
- Systems based practice
- Patient Education
- Preventive & Health Maintenance

Required Readings: To be assigned.

Official Grading Policy: The student will receive a grade of Honors, Pass, Fail or Incomplete. The student's final grade will be submitted on the standard UC Irvine elective form. The student will be evaluated by attendings and

rheumatology fellows in the areas attendance, knowledge base, clinical skills, motivation, professionalism and interpersonal skills. The student will receive feedback on an on-going basis.

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.