

685L ORTHOPEDIC SURGERY

This rotation is not accepting international students

Course Description: Emphasis is placed on examination of the spine and extremities, patient evaluation, diagnostic procedures and the treatment of simple fractures and orthopedic conditions. Students are integrated into the functioning of the service and are assigned responsibilities commensurate with their training.

Department: Orthopedic Surgery

Prerequisites: UC Irvine Students: completion of basic science course work and completion of core surgery clerkship. Extramural students: 4th year standing and completion of core surgery clerkship.

Restrictions: Extramural students must have 4th year standing and completion of core surgery clerkship. This rotation is not accepting international students

Elective Director: Nitin Bhatia, M.D. , UC Irvine Medical Center, Dept. Orthopedic Surgery, 101 City Drive, South, Pavilion III, 2nd Fl. , Rt. 81 Orange, CA 92868, 714-456-7801, bhatian@uci.edu

Instructing Faculty: UC Irvine Medical Center Orthopedic Surgery Faculty

Periods Available: Throughout the year

Who to report to on the first day: Maria Cristina Lampino Guerrero

Location to report on first day: UC Irvine Medical Center, Department of Orthopedic Surgery to pick Blue Card.

Time to report on the first day: 7:30 AM

Site Coordinator: Maria Cristina Lampino Guerrero, Resident Coordinator, UC Irvine Medical Center, Dept. Orthopedic Surgery, Pavilion III 101 City Drive South, Orange, CA 92868, (714) 456-5547, mlampino@uci.edu

Site: LBVAMC

Duration: 2 to 8 weeks

Number of Students: 5 (Additional students with permission of chair)

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 Objective: At the end of this rotation the student will be:

- Knowledgeable in the examination of the spine and extremities
- Capable of patient evaluation, diagnostic procedures and recognizing simple fractures and a knowledge of approaches to fracture treatment.

Key Topics:

- By the time of graduation, students will have demonstrated appropriate, relevant and sufficient knowledge in these broad areas:
- Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning processes

- The ability to search the medical literature, including electronic databases, and to locate and interpret up-to-date evidence to optimize patient care
- The commitment to seek knowledge and skills to better serve the needs of the underserved in their communities
- A commitment to patient care and to the well-being of patients and colleagues

Competencies:

- Knowledge of the structure and function of the skeletal systems, including mechanisms molecular, biochemical, cellular, and anatomic
- Knowledge of the pathogenesis of diseases, interventions for effective treatment, and mechanisms of health maintenance to prevent disease
- Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, community and clinical reasoning processes
- The ability to competently conduct a medical interview and counseling to take into account patient health beliefs, patient agenda and the need for comprehensive medical and psychosocial assessment
- The ability to competently perform a complete and organ-system-specific examination including a mental health status examination

Attitudes and Commitments:

- Honesty and integrity reflecting the standards of the profession, in interacting with colleagues, patients, families and professional organizations.
- A commitment to lifelong learning and independently seeking new knowledge and skills in their own recognized areas of learning deficit.

Educational Activities: See site coordinator

What Students Should do to Prepare for the Rotation: Review of orthopaedic anatomy, fracture patterns, and treatment

Scope of clinical responsibility: Assigned patient care and to monitor patient time, assist in surgery and see clinic patients with the help of the resident and attendings

Patient Care Responsibility: Assigned patient care and to monitor patient time, assist in surgery and see clinic patients with the help of the resident and attendings

Call Schedule: Every 3rd night or as assigned by The Chief Resident

Procedures to be Learned by the Student:

- Cast application
- Cast removal
- Joint injections
- X-ray interpretation

Percentage of Time the Student Participates in Ambulatory Activities: 4-5 half days a week (depending on the type of service)

Standardized Instructional Material: Students attend lectures listed below

Conference/Lecture/Small Group Sessions:

- Hand /Upper Extremity Conference
- Spine Conference

- Trauma Conference
- Grand Rounds/Didactic Lectures

Course Hours Weekly Summary:

4	Conference
20	Clinic
1	Grand Rounds
8	Inpatient
1	Lecture
4-8	Operating Room
5	Ward Rounds
50	Total

Content Theme Integration:

- Communication skills
- Community Health
- Decision Making
- Ethical Problems in Medicine
- Evidence Based Medicine
- Health Care Systems
- Home Health Care
- Medical Jurisprudence
- Medical Socio-economics
- Nutrition
- Palliative Care

Required Reading:

- Salter, Robert, Textbook of Disorders and Injuries of the Musculoskeletal System
- Hoppenfeld, Stanley, Examination of Extremities and Spine
- Skinner, Harry, Current Diagnosis and Treatment of Orthopedics

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's final evaluation will be derived from input from Attendings and Residents. The student will be evaluated with specific attention to: ethical behavior, reliability and dependability, ability to work with peers and under faculty direction, relationships with nurses and other hospital personnel, relationships with patients, clinical judgment, history-taking and physical diagnosis skills, ability to identify and formulate problems, manual skills, appropriate use of laboratory, quality of patient record, verbal communication skills, personal appearance, use of medical literature, and knowledge of own limitations. 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.