

Orthopaedic Adult Reconstruction

OS 398.01

General Information

COURSE CHAIR: Eugene Tsai, MD

STUDENT COORDINATOR: Lorin Williams
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STUDENTS / PERIOD: max 4 min 1

DURATION: 4 weeks

Please visit our [VSLO](#) catalog for dates and to submit your application. This elective is also offered by arrangement, please contact the Student Coordinator

Requirements

USMLE Step 1

Description

The sub-internship is intended to provide the student with an in-depth knowledge of the diagnosis and initial management of musculoskeletal chronic problems of all sorts. The experience covers the whole spectrum of those conditions from simple arthritis to complex deformities. The student is expected to function at the level of an orthopaedic PGY-2 and be present for first evaluation and management of patients in the outpatient clinic and consultation on hospital wards. A daily follow-up of these patient's progress is expected as well as attendance to orthopaedic procedures. In addition to attending all of the weekly didactic orthopaedic activities, the student will present cases at the weekly arthroplasty clinical rounds and attend the monthly orthopaedic journal club.

Course Objectives

1. Demonstrate improved history and physical examination of the musculoskeletal system
2. Demonstrate mastery of the most common physical examination tests used on orthopaedic patients
3. Demonstrate mastery of the basic neurological examination of the peripheral nervous system
4. Interpret simple radiographs of the skeleton and describe joint pathologies/fractures in a logical fashion
5. Determine the need for more advanced imaging studies
6. Diagnosis and immediate management of acute problems such as joint effusions, painful arthroplasties, dislocations etc.

Course Objectives (Cont)

7. Describe the current basic knowledge regarding conservative (medical and rehabilitation) of arthritic conditions
8. Describe the current basic knowledge regarding cartilage metabolism, different types of arthritis, joint replacement and ligament reconstruction
9. Analyze and use effectively the whole health care team in the conservative and surgical treatment of these patients
10. Identify the rehabilitation needs of various types of pathologies

Student Experiences

- Knee arthritis
- Knee internal derangement
- Shoulder instability
- Hip arthritis
- Injuries related to sports and physical activities
- Inflammatory arthritis
- Painful joint arthroplasties
- Lower extremity malalignment

Inpatient: 30%

Outpatient: 70%

Consultation: 70%

Primary Care: 30%

Additional Information

On-Call Schedule & Weekend Activities – Not Required