

Orthopaedic Trauma

OS 398.07

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 the musculoskeletal injuries of all sorts. The experience covers the whole spectrum of those conditions from simple ankle sprains to complex pelvic fractures. 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 emergency room, outpatient clinic and 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 orthopaedic trauma 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 trauma patients
3. Demonstrate mastery of the basic neurological examination of the peripheral nervous system
4. Interpret simple radiographs of the skeleton and describe fractures in a logical fashion
5. Determine the need for more advanced imaging studies
6. Diagnosis and immediate management of acute problems such as open fractures, compartment syndrome, arterial bleeding, dislocation etc.

Course Objectives (Cont)

7. Perform simple reductions and apply standard immobilizations such as volar splints, posterior splints, portable traction etc.
8. Describe the current basic knowledge regarding bone, muscle and tendon healing
9. Analyze and use effectively health care team in treating this patient
10. Identify the rehabilitation needs of various types of injuries

Student Experiences

- Ankle/ foot sprains
- Tibia / femur fractures
- Knee injuries
- Injuries around the shoulder (dislocation, separation, clavicle/humerus fractures)
- Low back sprains and strains
- Wrist and hand injuries
- Articular fractures

Inpatient: 70%

Outpatient: 30%

Consultation: 70%

Primary Care: 30%

Additional Information

On-Call Schedule & Weekend Activities – Not Required