

Trauma & Emergency Surgery

SU 420.99

General Information

COURSE CHAIR: Nicolas Melo, MD

STUDENT COORDINATOR: Linda Heineman

E-MAIL: MedStudentInquiries@cshs.org

STUDENTS / PERIOD: max 1 min 1

DURATION: 4 weeks

Please visit our [VSLO](#) catalog for dates and to submit your application.

Requirement(s)

- USMLE Transcript of Scores
- Two Letters of Recommendation

Description

This sub-internship is intended to provide the student with in-depth knowledge of patient care as it relates to trauma and non-trauma emergency surgically diseases. The student is expected to function at the level of a junior resident and be on the scene for first-line evaluation and management of patients in the emergency room. In addition, it is expected that the student maintains close follow-up of the patient's progress on a daily basis. In addition, the student is involved in formal daily bedside presentations, and case presentations which are all teaching sessions.

Course Objectives

- Knowledge of principles of blunt and penetrating trauma patient resuscitation with regards to primary and secondary evaluation.
- Ability to resuscitate the injured patient using advanced trauma life support algorithm.
- Ability to concisely make a patient presentation appropriate to the multi—system trauma patient scenario.
- Knowledge of common causes of hemorrhage and management of blunt head injury, including use of adjunctive medications, such as steroids, thyroid hormone, mannitol, blood products, etc.
- Ability to manage acutely ill patients with multi-system trauma in an evidence-based and cost-effective manner.
- Knowledge of appropriate use and interpretation of imaging modalities, such as plain x-ray, ultrasound (FAST scan), MRI, CT scan to diagnose and manage trauma injuries.
- Ability to safely perform common bedside procedures, including chest tube placement, cut-downs, venous and arterial access, reduction of fractures, cervical spine immobilization, and airway management.

Course Objectives (Cont.)

- Knowledge of indications for operative management of blunt and penetrating traumas.
- Evidence-based management of common emergency surgical conditions, such as appendicitis, cholecystitis, bowel obstruction, mesenteric ischemia, and perforated duodenal ulcer.
- Interpretation of abnormal laboratory values, including venous samples and arterial blood gases.

Student Experiences

COMMON PROBLEMS/DISEASES

- Blunt Trauma
- Penetrating Trauma
- Blunt Head Injury
- Appendicitis
- Cholecystitis
- Acute abdomen
- Shock
- Altered mental status

INPATIENT: 95%

OUTPATIENT: 5%

PRIMARY CARE: 100%

CLOSE CONTACT WITH

- Full-Time Faculty
- Clinical Faculty
- Fellows
- Residents
- Interns

Additional Information

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

In-house call once per week

One day per week off

Student is expected to participate in weekend rounds for routine patient care.

NOTE: Training will take place at Cedars-Sinai Medical Center, Cedars-Sinai subsidiaries, or other facilities with affiliation arrangements with Cedars-Sinai.