

# Minimally Invasive Surgery

SU 494.99

## General Information

**COURSE CHAIR:** Miguel Burch, MD

**STUDENT COORDINATOR:** Mayra Cardentti Torales

**E-MAIL:** [MedStudentInquiries@cshs.org](mailto: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)

- Two Letters of Recommendation

## Description

This sub-internship is intended to provide the student with in-depth knowledge of GI and weight loss surgery using minimally invasive techniques. The student is expected to function at the level of an intern, including pre-operative assessment of patient in the clinic setting, participation in the operating room and post-operative care of the patient either in the intensive care unit or on the wards. In addition, the student is involved in formal bedside presentations, journal club presentations, and case presentations, which are teaching sessions that are held weekly.

## Course Objectives

1. Take an accurate, focused patient history as it relates to the surgical disease process.
2. Ability to perform a focused physical exam.
3. Ability to concisely make a patient presentation at the bedside and in the clinic setting.
4. Knowledge of common presentations of gastro-esophageal reflux disorder.
5. Knowledge of chronic medical problems associated with obesity.
6. Knowledge of precipitating factors for developing hernias and risk factors associated with hernia surgery.
7. Knowledge of indications and contraindications of minimally invasive surgery.
8. Knowledge of indications and contraindications to weight loss surgery.

## Course Objectives (Cont.)

9. Knowledge of appropriate use of imaging modalities, such as plain x-ray, ultrasound, MRI, CT scan, nuclear medical scan to diagnose or follow-up on common solid organ disorders.
10. Knowledge of abdominal anatomy.
11. Knowledge of inguinal anatomy.

## Student Experiences

### COMMON PROBLEMS/DISEASES

- Gastro-esophageal reflux disorder
- Inguinal and abdominal wall hernias
- Morbid obesity
- Splenic lesions
- Cholelithiasis

**INPATIENT:** 75%

**OUTPATIENT:** 25%

**CONSULTATION:** 15%

**PRIMARY CARE:** 85%

### 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.