

# Anesthesiology

AN 250.99

## General Information

**COURSE CHAIR:** Roya Yumul, MD

**STUDENT PROGRAM COORDINATOR:** Dominic Leis  
Dominic.Leis@cshs.org

**STUDENTS / PERIOD:** max 6

**DURATION:** 3 to 4 weeks

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

## Requirement(s)

1. Complete the Anesthesiology Questionnaire
2. Complete all core clinical rotations

## Description

This course is a Sub Internship designed to introduce the basic concepts of the practice of Anesthesiology. Students are expected to perform at an intern level under the supervision of a resident and/or faculty. Students will learn the basics of preoperative evaluations of surgical patients, intraoperative management including monitoring and fluid replacement, and postoperative care. Students will also learn about basic airway management and invasive line placement. Students will also be introduced to basic pharmacological principals of commonly used anesthetic drugs and inhalation agents. Students will be introduced to regional anesthesia, pediatric anesthesia, OB anesthesia, as well as acute and chronic pain management. Majority of teaching will be with patient care in the clinical setting, supplemented by faculty lectures, and workshop/simulation sessions.

## Course Objectives

1. Be able to conduct a complete medical interview and physical exam, taking into account factors that will influence patient's anesthetic management
2. Be able to orally present an organized summary of patient's medical history, physical findings, and pertinent laboratory data.
3. Be able to select and interpret diagnostic studies pertinent to the anesthetic management of the patient.
4. Participate in the intraoperative monitoring and management of a patient undergoing anesthesia for a surgical procedure.
5. Demonstrate basic understanding of pharmacological principals of commonly used anesthetic drugs
6. Be able to formulate and prioritize a differential diagnosis of common problems encountered in the intraoperative period.
7. Be able to formulate a post- operative pain management plan.
8. Be familiar with common procedures associated with anesthetizing a patient including airway management and invasive line placement.
9. Be able to demonstrate professional and effective communication skills between patient and perioperative staff.

## Student Experiences

### COMMON PROBLEMS/DISEASES

- Cardiovascular disease
- Pulmonary Disease
- Hypertension
- Diabetes
- Renal Failure
- Trauma

**INPATIENT:** 80%

**OUTPATIENT:** 20%

**CONSULTATION:** 10%

**PRIMARY CARE:** 90%

### CLOSE CONTACT WITH

- Full-Time Faculty
- Clinical Faculty
- Residents/Fellows