

# Neurological Surgery

NS 362.02

## General Information

**COURSE CHAIR:** Chirag Patil, MD

**CONTACT:** [GroupNeurosciencesEducation@cshs.org](mailto:GroupNeurosciencesEducation@cshs.org)

**STUDENTS/PERIOD:** Max: 4 Min: 1

**DURATION:** Four weeks

Electives at Cedars-Sinai start in May. Please visit our [VLSO](#) catalog for dates and to submit your application.

## Requirement(s)

Rotation preapproval by our program directors.  
Prior to submitting VLSO application, send to us:

1. CV
2. USMLE Step 1 score
3. Personal statement

## Description

The rotations will be split up into two services: Cobalt (Spine and Peds) and Grey (Tumors and Vascular). The student will be responsible for the care of three to five neurosurgical patients under direct supervision of the department house staff and faculty. The student will attend didactic conferences and have the opportunity to present a topic of their choice to the faculty and staff. The student will scrub into the patients' surgeries when appropriate, as well as attend specialty outpatient clinics.

## Course Objectives

1. Acquisition of knowledge of neurosurgical diseases.
2. Improvement in assessment of neurosurgical diseases.
3. Development of judgment in selection of operative treatments.
4. Learn risks and complications of neurosurgical procedures.
5. Gain experience in preoperative and postoperative management of neurosurgical patients.
6. Preparation of short oral presentations on neurosurgical topics.

## Student Experiences

### COMMON PROBLEMS/DISEASES:

- Intracranial tumors
- Degenerative spine
- Intracranial vascular disease
- CNS trauma
- Congenital CNS malformation
- Hydrocephalus
- Trigeminal neuralgia

## Additional Information

The student will also take call with the neurosurgery resident no greater than every fourth night, including weekend call.