

## NEUROLOGICAL SURGERY

**Credit:** All

**Location:** LAC+USC Medical Center

**Revised:** 03/2009

Applications will be accepted any time

---

**PREREQUISITE:** Surgery Clerkship

**DURATION:** 4 weeks

**DATES OFFERED:** All Year (not offered first two weeks  
July)

**Rotations scheduled:** to begin any Monday

**NUMBER OF STUDENTS:** Variable

**VISITING STUDENTS:** Yes

**COURSE OBJECTIVES:**

Students will be able to:

1. Recognize basic neuroradiographic findings.
2. Perform a neurologic exam.
3. Take a neurologic history.
4. Present patient at bedside rounds.
5. Assist in basic procedures and operations.

**SUPERVISION:**

50% Residents

50% Faculty

**DESCRIPTION:**

The Division of Neurosurgery offers two types of electives:

1. Designed for the student who is interested in gaining further experience in neurosurgery to explore the possibility of a career decision in neurosurgery. No effort is made in this program to develop specific cognitive objectives. Preliminary goal is to provide an opportunity for the student to see what a neurosurgeon does and how he thinks.
2. A second elective is designed for the fourth year student who has already decided to become a neurosurgeon and considers the elective time as preparation for a career in neurosurgery. The objectives of this elective are specifically tailored to complement his/her future career goals, for example, he/she may be assigned to a clinical service at LAC+USC Medical Center or another affiliated institution. If he/she is desirous of learning the skills essential to the success of a house officer in neurosurgery, this opportunity will be provided for him/her. For those students interested in laboratory exposure in neuroscience, an introductory period of effort and investigation is available in the neurosurgical laboratory.

**EVALUATION:**

No formal written or oral tests given. A short 15 minute topical presentation may be required for 4<sup>th</sup> year students who will be applying for Neurosurgery Residency Programs. Student's performance is assessed by the faculty who work with them as for their effort, proficiency and behavior. All the staff will evaluate the individual student and the preceptor will summarize the overall performance in the student evaluation form. Students who have problems will be counseled as needed.