General Information

COURSE CHAIR: Chirag Patil, MD

STUDENT COORDINATOR’S CONTACT INFORMATION: groupneuroscienceseducation@cshs.org

STUDENTS/PERIOD: Max: four  Min: one

DURATION: four weeks

Please visit our VSLO catalog for dates and to submit your application.

Requirement(s)

Rotation pre-approval by our program directors. Prior to submitting VLSO application, send to us:
- CV
- USMLE Transcript of Scores
- 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 3-5 neurosurgical patients under direct supervision of the department housestaff 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

- Acquisition of knowledge of neurosurgical diseases
- Improvement in assessment of neurosurgical diseases
- Development of judgment in selection of operative treatments
- Learn risks and complications of neurosurgical procedures
- Gain experience in pre and post-operative management of neurosurgical patients
- 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 4th night including weekend call.
# Neurological Surgery

## Typical Schedule

<table>
<thead>
<tr>
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<th>Details</th>
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<tbody>
<tr>
<td><strong>Approx. # of Patients Evaluated Each Week by Student</strong></td>
<td>3</td>
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<tr>
<td><strong>Approx. # of Patients Evaluated Each Week by Service</strong></td>
<td>15</td>
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<tr>
<td><strong>Typical Monday</strong></td>
<td>5am Rounds / 7am Spine Tumor Board for residents on Cobalt/ Chief assigned cases</td>
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<tr>
<td><strong>Typical Tuesday</strong></td>
<td>5am Rounds / 6:30am Spine Didactics for residents on Cobalt/ Chief assigned cases</td>
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<tr>
<td><strong>Typical Wednesday</strong></td>
<td>5am Rounds / 7am Spine Conference for residents on Cobalt / 8am Brain Tumor Board for residents on Grey / Chief assigned cases / 12pm Neurovascular Conference for residents on Grey</td>
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<td><strong>Typical Thursday</strong></td>
<td>5am Rounds / Chief assigned cases</td>
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<tr>
<td><strong>Typical Friday</strong></td>
<td>5am Rounds / Chief assigned cases but every 2nd and 4th Fridays, 7-2pm Didactic Day</td>
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<td><strong>On-Call Schedule</strong></td>
<td>One Weekend call with on-call resident</td>
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<tr>
<td><strong>Weekend Activities</strong></td>
<td>Overnight call with on-call resident</td>
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<tr>
<td><strong>Additional Comments/Special Requirements</strong></td>
<td>N/A</td>
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