Course Objective

Material Covered:
An introduction to general neuroradiology to permit the student to understanding principles and indications for various imaging modalities such as plan radiology, tomography, CT, ultrasound, MRI, angiography including DSA, myelography, PET scans, etc.

Skills Acquired:
Preparatory course for anyone interested in neuroscience fields and radiology.

Activities Of Elective

Number Of New Patients/Student/Week: Not Applicable

Responsibilities Of Student For Assigned Patients:
- Does history/physical: No
- Follows patients, with appropriate notes as needed: No
- Does student see ambulatory patients: No

Procedures

<table>
<thead>
<tr>
<th>Procedures</th>
<th>Observe</th>
<th>Perform</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angiography &amp; myelography</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>CT, MRI, and ultrasound</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

Scheduled Duties of Student:

- Frequency of rounds on patients: Not Applicable
- Presents patients to preceptor or attending physician: Not Applicable
- Weekly schedule of required teaching sessions:
  - 8:00am-12:00pm M-F: Reading Sessions
  - 1:00pm-4:00pm M-F: Reading Sessions
  - 7:00am-8:00am Mon & Tues: Didactic Conference
  - 8:00am-9:00am Fri: Pediatric Neurology Conference
  - Noon-1:00pm Fri: Neuroscience Grand Rounds (Neurology, Neurosurgery, and Neuro-pathology)
  - Noon-1:00pm Thur: Neurovascular Conference
  - 4:00pm-5:00pm Mon: Pediatric Neurosurgery Conference

Describe Optional Rounds And Activities, If Any:
None

Other Required Activities:
- Reading/review of current literature: Yes
- Writing or Presenting a paper: No

How Is Student Evaluated:
We welcome all students who are interested in learning about neuroradiology to better care for their patients and their future careers in the neurosciences. Students are evaluated on their appropriate contribution to case discussion, attentiveness, and professionalism.

For those students wishing to receive a letter of recommendation for the purposes of applying for a radiology residency or other neuroscience residency, a presentation project is required. The assignment consists of a 20 minute PowerPoint presentation summarizing an interesting case that we saw during readout, discussing the radiographic differential diagnosis with emphasis on similarities and differences between the radiographic findings, and a brief didactic lecture on the clinical, epidemiological, and radiographic findings of the diagnosis.

Who Evaluates Students:
Clark W. Sitton, M.D.

Unique Features Of This Elective:
Frequency of rounds on patients: Not Applicable
Presents patients to preceptor or attending physician: Not Applicable
Weekly schedule of required teaching sessions:
- 8:00am-12:00pm M-F: Reading Sessions
- 1:00pm-4:00pm M-F: Reading Sessions
- 7:00am-8:00am Mon & Tues: Didactic Conference
- 8:00am-9:00am Fri: Pediatric Neurology Conference
- Noon-1:00pm Fri: Neuroscience Grand Rounds (Neurology, Neurosurgery, and Neuro-pathology)
- Noon-1:00pm Thur: Neurovascular Conference
- 4:00pm-5:00pm Mon: Pediatric Neurosurgery Conference
Opportunity to appreciate the indispensable role of Neuroradiology in Neurology, Neurosurgery, and Otolaryngology/Head and Neck Surgery.