



Hamot Medical Center
201 State Street
Erie, PA 16550
www.hamot.org

CLINICAL ROTATIONS AT HAMOT ROTATION INFORMATION

Course:	NEUROSURGERY
Offered as:	Core: Elective: X
Duration of Rotation:	4-12 weeks
# of students per rotation	1 student
Clinical year:	3rd yr./4 th yr.
Course Director:	Brian Dalton, M.D.
Contact Person/Phone No.:	All rotations must be scheduled through Hamot's Medical Education Office. Contact Marilyn Carner, at 814-877-3301 or Marilyn.Carner@hamot.org
Address/Location:	Hamot Medical Center Tri-State Neurological Surgeons, 120 E. 2 nd St., Suite 401

EDUCATIONAL INFORMATION

Supporting Faculty: Brian Dalton, M.D.

Course Description:
Goals and Objectives:

Neurosurgery Clerkship: Suggested for Elective Rotation, of late 3rd year Students (after completion General Surgery-Medical rotation), or 4th year students interested in Neurological Surgery Residency.

- Make rounds daily with Physician Assistant's (floor patients).
*Learn routine post-operative management of neurosurgical patients.
- Make ICU rounds with Neurosurgical Attending (On call physician).
*Exposure to Neurosurgical Critical Care, including the care of severe head injury, intracranial hemorrhage, subarachnoid hemorrhage, cerebral perfusion pressure management, HHH management, ICP bolt/ventriculostomy management and care of acute spinal cord injury.
- Scrub and assist during cranial and spinal procedures.
*Students can have access to operating rooms of 5 different neurosurgeons.
- Evaluate patients and observe during office hours.
*Allows student to gain expertise in neurological exam and problem solving as well as have exposure to elective neurosurgical patients.
- Exposure to Neurodiagnostic testing including CT scans, MRI scans, and Electrophysiological testing.
*Allows student to begin to develop ability to critically evaluate neurodiagnostic studies and apply this information to the management of the patient's problem.
- Weekly didactic talk by neurosurgical attending.
- Weekly oral (power point) presentation on neurosurgery subject of interest or presentation of an interesting current patient case with pertinent literature review.

Learning Resources:

Book List: Neurosurgery, Allen, Marshall
Stupor and Coma, Plum and Posner

Additional Experiences:

EVALUATION

Evaluator(s):

Brian Dalton, M.D.

Evaluation Process:

OTHER INFORMATION

***Special Requirements/Night
Call/Student Presentation:***

- **Short** presentation given at end of rotation on a subject of neurosurgical interest (with literature review) **or** presentation of one patient with review of clinical presentation, neurological exam, review of pertinent radiology and discussion of patient Pathophysiology with literature review and short paper. Weekly oral (power point) presentation on neurosurgery subject of interest or presentation of an interesting current patient case with pertinent literature review.
 - End of Rotation Paper on any subject of neurosurgical interest and presentation.
 - Student carries beeper as to be available for On-call Service surgeries.
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