

<b>Faculty In Charge Of Course:</b>	Eliana Bonfante-Mejia M.D.
<b>Participating Faculty:</b>	All Neuroradiology Faculty
<b>Location:</b>	Memorial Hermann Hospital, 2nd Floor
<b>Offered:</b>	Blocks 1 - 11, and 13
<b>Max. # Students/Period:</b>	3

### Course Objective

#### Material Covered:

An introduction to general neuroradiology to permit the student to understand principles and indications for various imaging modalities such as radiographs, CT, ultrasound, MRI, angiography including DSA, CTA, MRA, CTV, MRV, myelography, PET scans, etc.

#### Skills Acquired:

Preparatory course for anyone interested in neuroscience fields, otolaryngology, ophthalmology, 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	Observe	Perform
Angiography & myelography	X	
CT, MRI, and ultrasound	X	

### 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:	

Monday 1:00pm-2:00pm | Center for Advanced Imaging Processing (CAIP) lecture.

Tuesday 8:00 am-9:00 am | every other week: Didactic Neuroimaging Conference.

Wednesday 7:00 am-8:00 am | Pediatric Neurosurgery Conference

Wednesday 1:00pm-2:00pm | Fellows Didactic Lecture.

Thursday 12:00pm-1:30pm | Stroke Conference.

Thursday 5:00 pm-7:00 pm | (only on the second Thursday of the month). Neurosurgery-Neuroradiology teaching conference.

Friday 8:00 am-9:00 am | Pediatric Neurology 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 in their future careers in neurosciences. Students are evaluated on their appropriate contribution to case discussion, attentiveness, and professionalism.

Each student is expected to prepare and upload one teaching case into the neuroradiology teaching file. This consists of patient clinical data, selected images, and a description of the findings, diagnosis, as well as differential possibilities.

For those students wishing to receive a letter of recommendation for the purposes of applying for a radiology residency or other neuroscience residency, preparation of three cases and upload into the teaching file is required.

**Who Evaluates Students:**

Eliana Bonfante-Mejia, MD

**Unique Features Of This Elective:**

Opportunity to appreciate the indispensable role of Neuroradiology in Neurology, Neurosurgery, and Otolaryngology/Head and Neck Surgery.