Faculty In Charge Of Course: Jeffrey Berliner, MD
Participating Faculty: Drs. Danielle Melton, Monica Verduzco-Gutierrez, and Hsiu-bun Hsu
Location: Memorial Hermann Hospital or VA Medical Center
Offered: Each period
Max. # Students/Period: 2

Course Objective

Material Covered: This 1 month elective allows the medical student a comprehensive introduction to the practice of physical medicine and rehabilitation (inpatient and outpatient).

Students will be given the opportunity to participate and learn about the rehabilitation and unique medical care aspects of patients with major multiple trauma, orthopedic, traumatic brain injury, amputee, cardiac rehabilitation, and mild spinal cord injury.

Further attention will be paid to specific topics in physical medicine and rehabilitation which include: gait analysis, prosthetics, spasticity, musculoskeletal medicine, physiological effects of deconditioning, electrodiagnosis (EMG/NCS) and pain management.

Students will be given the opportunity to observe and participate in electrodiagnostic procedures and spasticity management, under attendings supervision.

Method

Students will participate in daily bedside teaching rounds with attending physician and resident physicians. Students will be expected to help with patient care under attending and resident supervision. One to two times a week, student will participate in outpatient PM & R clinic with attending physician. Procedures are generally be observed by students although students showing exceptional clinical knowledge and interest will be allowed to perform procedures under supervision.

Activities Of Elective

Number Of New Patients/Student/Week: Varies

Responsibilities Of Student For Assigned Patients:

| Does history/physical: | Yes |
| Who critiques: | Faculty |
| Follows patients, with appropriate notes as needed: | Yes |
| Who supervises: | Faculty |
| Does student see ambulatory patients: | Yes |

Scheduled Duties of Student:

| Frequency of rounds on patients: | Daily |
| Presents patients to preceptor or attending physician: | Students are expected to prepare one oral presentation prior to end of rotation which will aid in final evaluation. |
| Weekly schedule of required teaching sessions: | Team meetings weekly. Every Friday morning didactic teaching: daily teaching rounds; bi-weekly team meetings |

Describe Optional Rounds And Activities, If Any:
CME Rehabilitation Conferences (Grand Rounds) as available

Other Required Activities:

| Reading/review of current literature: | Yes |
| Writing or Presenting a paper: | No formal written paper; 15 minute oral presentation describing a topic of their choice in Physical Medicine and Rehabilitation to be presented to attendings and residents. Topics are usually selected based on clinical conditions encountered during teaching rounds. |

How Is Student Evaluated:

Students’ final grades will be determined by Course Director with input from other attending physicians.

Who Evaluates Students:
Faculty

Unique Features Of This Elective:

This rotation is designed to accommodate both students that are interested in PM & R as well as those who are going into different specialties.