

**Title of Clerkship:** Physical Medicine & Rehabilitation Elective (4 week)

**Elective Type:** Fourth Year Elective

**Department:** Physical Medicine & Rehabilitation

**Clerkship Site:** Coghlin Rehabilitation Institute

**Course Number:** PMNR701

**Blocks available:** All

**Number of students** 3

**per block:**

**Faculty:** Steven J. Farrell, MD; John T. Kane, MD; Tallat Rizk, MD; Amish Patel, DO

**Elective Description/ Requirements:** The PM&R clinical elective focuses on the impairments and disabilities which may accompany a variety of illnesses. The student in a two-week rotation may choose to focus in musculoskeletal or neurological rehabilitation. Students in the 4-week rotation will have the opportunity to experience the breadth of physical medicine and rehabilitation. The educational experience will occur Monday through Friday. The hours each day for training will average 8, but may be more depending upon the attending, clinic schedules, and student interest. The student will be assigned to a specific faculty member as their primary teaching attending, but will also interact with PM&R residents and other PM&R faculty. Faculty contact will average six hours per day. At the end of the rotation, with the help of their teaching attending, students will give a brief presentation on a rehab topic of interest.

**Length of Clerkship:** 4 weeks

**Links to EPOs**

K4

**Educational Course Objectives:**

S9

S9

S8

S8

S4

S7

S8

K9

S7

S8

S8

S7

S4

1. At the end of the elective, the student will be able to describe the types of functional impairments, disabilities, and handicaps which (s)he might anticipate in a variety of common diseases (diagnoses).
2. At the end of the elective, given a patient with a disabling condition, the student will be able to identify those medical conditions for which the patient is at risk due to bed rest or disability (ex: DVT, pressure sores, bowel and bladder dysfunction, frozen shoulder).
3. At the end of the elective, the student will be able to develop a preventative medical strategy to avoid the medical complications associated with disability.
4. At the end of the elective, given a patient with a disabling condition, the student will be able to describe the role of allied health professionals in maximizing functional recovery in a disabled individual.
5. At the end of the elective, the student will be able to distinguish whether the patient with a disabling medical condition may be helped by rehabilitative services and what the most appropriate and cost-effective setting is for that service.
6. Musculoskeletal conditions - At the end of the elective, the student will be able to:
  - a. perform a thorough supervised examination on patients with back pain.
  - b. will distinguish which patients with back pain would benefit from surgery from those that would not by using history, physical, radiological and laboratory information.
  - c. develop a treatment strategy incorporating medical and rehabilitative therapeutics for patients with musculoskeletal problems.
  - d. delineate a management strategy for treatment for patients with myofascial pain.
  - e. appropriately use electrodiagnostic studies to assist with diagnosis for patients with weakness and/or sensory deficits.
7. Neurologic conditions - At the end of the elective, the student will be able to:
  - a. articulate a hierarchical approach to management for patients with spasticity as part of upper motor neuron syndrome.
  - b. develop a plan of evaluation for correctable causes for the patient with cognitive/neurobehavioral deficits after cerebral disease and generate a strategy for amelioration of these deficits incorporating medical and rehabilitative interventions.
  - c. distinguish the etiology using physical examination and laboratory data and then implement a treatment strategy under supervision.
  - d. assess the level of spinal cord injury and accurately complete an American Spinal Injury Association (ASIA) assessment under supervision.

**Professionalism:** UT/COM students will meet or exceed the institutional standards for professionalism as stated in the current Educational Program Objectives, particularly with respect to professionalism in interactions with patients and instructors, as well as with punctuality and attentiveness.

**Instructional Methods:**

5. Clinical case presentations/discussions
6. Diagnostic tests - use/interpretation
9. Inpatient teaching rounds
19. Lecture - small group
21. Monitored clinical practice
28. Small group - facilitated

**Evaluation methods employed:**

2. Attendance
3. Case presentation
11. Evaluation of participation in small group discussions
14. Faculty/resident observation and assessment of clinical skills
24. Professionalism assessments

**Prerequisites:** Completion of required Internal Medicine or Family Medicine rotations required

**Clerkship** Steven J. Farrell, MD

**Director:**

**Clerkship** Cherie Packard

**Coordinator:** 419-383-5090

**Phone Number:** [cherie.packard@utoledo.edu](mailto:cherie.packard@utoledo.edu)

**Email:**

**Special** None

**Requirements:**

**AAMC Hot Topics**

**Addressed in this**

**Elective**

**Clerkship:**