Rehab 352—Clerkship Selective in Rehabilitation Medicine  
For Jefferson Medical College Students  
Duration: 3 weeks

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Purpose: As the prevalence of disability in the United States rises as both the baby boomer generation ages, and modern medical advancements keep more individuals with disability alive, principles of rehabilitation become more relevant to every medical and surgical specialty. The purpose of this selective is to provide students with exposure to physical medicine and rehabilitation in various settings in order to facilitate understanding of the continuum of rehabilitative care. At the end of the rotation, students should begin to explain how a person’s disease process and functional abilities intersect with their environment, societal roles, and societal norms to affect quality of life.

We will be providing students with two options. One is an adult rehabilitation option, where students will be working on inpatient and outpatient specialty services at Magee including spinal cord injury, stroke and traumatic brain injury services. At Jefferson, students will have the opportunity to rotate on the inpatient consultation service, where they will see a wide variety of pathology. Both Magee and Jefferson sites will have the opportunity to spend time in the physiatric outpatient offices of the Rothman Institute. The other option will be a pediatric rehabilitation option based out of A.I. duPont Hospital for Children, where students will have the opportunity to rotate in acute inpatient rehabilitation unit, outpatient day rehabilitation hospital and consultation services, along with outpatient clinic settings to see a wide variety of pediatric patients with congenital and acquired disability. With both options, students will be able to closely work with both attending and resident physicians, along with other members of the rehabilitation team.

Goal 1: Gain experience and competency in development of a rehabilitation problem list that can include medical, functional, social, and vocational problems. This goal will be accomplished through rounding on inpatient services, seeing patients in consultation, and working up patients in outpatient clinic. There will also be formal didactics, and competency will be assessed via a rehabilitation problem list and plan that the students will present to the course director and their peers on the last day of the rotation.

Goal 2: Gain experience and competency in neuromusculoskeletal examination and interpretation, especially as it pertains to diagnosis and function. This goal will be accomplished through rounding on inpatient services, seeing patients in consultation, and working up patients in outpatient clinic.

Objectives: At the end of the selective, the student should be able to:
1. Take a complete functional history, perform a thorough neuromusculoskeletal examination, and develop a complete rehabilitation problem list and plan of action.
2. Conduct an appropriate interview and examination of a patient with disability.
3. Develop an understanding of assistive devices, modalities, adaptive equipment, and therapies, which includes the indications, contraindications, and role of each.
4. Describe the levels of Rehabilitative Care.
5. Explain the natural history of some common rehabilitation complaints including evaluation, prognosis, treatment and preventable sequelae; including, for example, low back pain, stroke, spinal cord injury, traumatic brain injury, cerebral palsy, spina bifida.
6. Localize a peripheral nervous system lesion to root or peripheral nerve.

Assignment: Please log on to the JMC Pulse Site to access your online modules, assigned readings, patient videos, course documents, and student assignments.