

REHAB 691 Goals and Objectives

The goal of this clerkship is to learn inpatient Physical Medicine and Rehabilitation (PM&R) management of patients with disabilities and functional impairments due to disorders such as stroke, brain injury, SCI, neuromuscular disorders, and complex medical conditions. Students will have a structured clinical experience on rehabilitation medicine wards, clinics, or consultation services. Students will learn the differences between acute and chronic medicine, identification of disability problems, and therapeutic techniques for functional improvement. Students will:

1. Experience outpatient musculoskeletal medicine, reviewing the workup for common conditions and applying this knowledge in the creation management plans for:
 - Low back and neck pain.
 - Shoulder and upper extremity pain
 - Hip and pelvic pain
 - Foot and ankle pain including CRPS
 - Muscle strain and sprain
2. Review the workup of common neuromuscular disorders and demonstrate knowledge in the assessment and management of:
 - Carpal tunnel syndrome
 - Cervical and lumbar radiculopathy
 - Ulnar neuropathy
 - Tarsal tunnel syndrome
 - ALS
 - Polyneuropathy
3. Become familiar with how EMG/NCS are performed, what it evaluates, and when to order an EMG/NCS.
4. Review diagnostic and therapeutic modalities for common musculoskeletal problems. This will include diagnostic musculoskeletal ultrasound, ultrasound guided peripheral joint injections, MRIs, X-ray, CTs.
5. Learn how to differentiate between spasticity, dystonia, and contracture. Learn the treatment options for each. Exposure to spasticity management with oral medications, chemodenervation with botulinum toxins, and intrathecal pumps.
6. Have exposure to amputee care in the amputee clinic.
7. Become familiar with the Workers Compensation process.
8. Review the essential components of running and maintaining a private practice including staffing, referrals and marketing, scheduling and billing, charting and documentation.