

1901 PM&R Sub-I Selective template

Course Number: PMED 1901

Course: Physical Medicine and Rehabilitation Sub-Internship

Department: Physical Medicine and Rehabilitation

Faculty Coordinator: Donald.Kasitinon@UTSouthwestern.edu

Asst. Fac. Coordinators: N/A

Hospital: UTSW, PH, Children's

Periods Offered: All (restricted enrollment, course director permission required)

Length: 4 weeks

Max # of UT Students: **Course Director Approval Required for Blocks 1-4.*

A. 4 students in Block 1

B. 8 students in Block 2-6

C. 5 students in Block 7-12

First Day Contact: **Godley Johnson, 214-648-3477**

First Contact Time: 8:00am

First Day Location: Sprague Building CS0.106A

Prerequisites: Medical Core Clerkship

I. Course Description

This is a 4-week sub-internship in Physical Medicine and Rehabilitation, intended to provide in-depth knowledge of the breadth of the specialty. The rotation is intended for those who are considering pursuing PM&R as a career choice. The student will spend 2 weeks on the inpatient rehabilitation unit, functioning as a sub-intern and helping to manage the care of patients with such diagnoses as spinal cord injury, brain injury, stroke, amputations, and polytrauma. There will also be 2 weeks of exposure to a wide variety of outpatient rehabilitation medicine clinics, including the Spine, EMG, Spasticity, PM&R, Amputee, Burn, and Wound Care clinics, among others.

II. Learning goals/objectives/Assessments:

<u>Goals</u>	<u>Objectives</u>	<u>Assessment methods (examples)</u>
Patient Care:	1) Learn how to take a proper history for disabling conditions affecting the neurologic and musculoskeletal systems, including a detailed functional history 2) Improve examination skills of the neurologic and musculoskeletal systems	<i>*Refer to "Overview of Student Responsibilities".</i>

	<ol style="list-style-type: none"> 3) 3) Learn how to do a functional assessment as related to neurological and musculoskeletal disorders in adults 4) Assist in the diagnosis and treatment of neurologic and musculoskeletal disorders 5) Learn to formulate appropriate treatment plans for musculoskeletal and neurologic conditions 6) To observe interventional techniques for the treatment of spasticity, spinal pain, and arthritic joint pain and understand their proper use within the context of a rehabilitation-based approach to patient care 7) Learn how the physiatrist functions as a leader for the rehabilitation team and improve skills at coordinating care from multiple rehabilitation team specialists. Help to coordinate and run team and family/caregiver meetings. 	
Medical knowledge:	<ol style="list-style-type: none"> 1) The student will be able to discuss the evaluation and management of common diagnoses seen in PM&R practice, including spinal cord injury, brain injury, stroke, amputation, polytrauma, musculoskeletal injuries, arthritis, and pain management. 2) The student will learn the indications and complications for EMGs, baclofen and pain pumps, joint injections, spine interventions, botulinum toxin injections, and other procedures performed by physiatrists. 3) The student will become familiar with treatment options for patients dealing with the sequelae of disabling conditions, such as chronic pain, spasticity, neurogenic bladder/bowel, wounds, depression/anxiety, poor sleep, and cognitive deficits. 	
Interpersonal and communication skills:	<ol style="list-style-type: none"> 1) The student will demonstrate integrity in all aspects of the rotation, including manner of dress, punctuality, politeness to staff and patients, completing work on time. 2) The student will demonstrate respect and compassion for others. 3) The student will demonstrate respect for patient privacy and autonomy. 	
Professionalism:	<ol style="list-style-type: none"> 1) The student will communicate effectively with colleagues and health professionals 2) Learn to communicate with patients and family members in a thorough and compassionate manner 3) Work well within the PM&R team, including fellow physicians, rehabilitation nursing staff, physical therapists, and occupational therapists. 	
Practice Based Learning and Improvement:	Add objectives if applicable.	
Systems based practice:	<ol style="list-style-type: none"> 1) The student will be exposed to various outpatient settings for the treatment of neurologic disorders in adults. 	

	<p>2) The student will be exposed to patient populations of varying socioeconomic status, to understand the complexities of care within our health care system</p> <p>3) The student will understand the role of the rehabilitation team in the treatment of patients with neurological disorders, including PTs/OTs and RNs</p>	
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III. Methods of Instruction:

- A. Didactic: Grand Rounds each Friday at 8am, other lectures Friday 9-12pm
- B. Clinical: Teaching on the inpatient unit by the attending physiatrist and PM&R resident. Teaching in the clinics by faculty and residents in PM&R.

IV. Schedule:

Students will be assigned to a PM&R faculty attending and a PM&R resident for 2 weeks of inpatient rehabilitation. Students will be given a schedule of 2 weeks of outpatient PM&R clinics to attend at UTSW and Parkland which will expose the student to various aspects of outpatient PM&R and physiatric procedures. Clinics will include PM&R clinic, spasticity clinic, brain injury clinic, spinal cord injury clinic, spine clinic, burn clinic, wound care clinic, and EMG clinic.

V. Overview of Student Responsibilities and Course Requirements:

- A. Punctual attendance at all assigned locations
- B. Professionalism
- C. Inpatient Weeks: Carry 4-5 patients, functioning as a sub-intern. Completing 3 admissions per week, and all daily notes/orders, presenting on rounds to faculty, helping to direct the rehabilitation team for your patients.
- D. Outpatient Weeks: Shadowing in faculty clinics, helping residents with interviewing and presenting patients to faculty in the resident clinics. Presenting patients to faculty directly (acting as a sub-intern) in certain clinics such as PM&R clinic, TBI clinic, and SCI clinic.
- E. Presentation: 15-minute presentation on a journal article or topic of interest. This will be given during the inpatient portion of the rotation, to the PM&R team.
- F. End of Rotation Examination: based on the syllabus given out on the first day of the rotation, which covers general aspects of rehabilitation medicine.

VI. Method of evaluation of students and requirements:

- A. Observation by attending faculty during rounding, clinic, and didactic sessions.
- B. Observation by residents working with the student.
- C. Presentation as graded by the inpatient faculty.
- D. Score on the End of Rotation Examination.

VII. Recommended Reading:

A syllabus of relevant topics will be given at the start of rotation.