



PMNR 600/600s Physical Medicine & Rehabilitation

Elective Description

This elective introduces the student to the needs of individuals with disabilities, that may include sports injuries, acute trauma injuries, and disease. The student will focus on diagnosing and treating disorders and diseases unique to the patients. Special emphasis is placed on attaining maximum functional independence for individuals.

Credit: 2-4 semester credits

Prerequisites: SURG 500

Course Structure: The rotation will consist of daily interaction with patients within either the rehabilitation unit and/or an outpatient practice specializing in physical medicine and rehabilitation. The student will be expected to participate in daily inpatient rounds, outpatient encounters, team treatment discussions, journal clubs and didactic lectures. The student may be assigned specific readings by the preceptor relevant to patients seen in the practice.

Emphasis will be placed on:

- History and physical examination of the rehabilitation patient
- Knowledge of rehabilitation principles relative a patient's presentation
- Knowledge of current evidence-based medicine within the field of PM&R

Entrustable Professional Activities

As a fourth-year student, the focus of skills development are those tasks important for entering residency training:

- Gather a history and perform a physical exam
- Prioritize a differential diagnosis following a clinical encounter
- Recommend and interpret common diagnostic and screening tests
- Enter and discuss orders and prescriptions
- Document a clinical encounter in the patient record
- Provide an oral presentation of a clinical encounter
- Form clinical questions and retrieve evidence to advance patient care
- Give or receive a patient handover to transition care responsibility
- Collaborate as a member of an inter-professional team
- Recognize a patient requiring urgent or emergent care and initiate evaluation and management
- Obtain informed consent for tests and/or procedures
- Perform general procedures of a physician
- Identify systems failures and contribute to a culture of safety and improvement

General Course Objectives

Medical Knowledge

- Demonstrate the understanding of the rehabilitation team members and their function
- Demonstrate understanding of the normal musculoskeletal examination
- Demonstrate the understanding of the continued follow up of a rehabilitation patient
- Demonstrate knowledge of potential sequelae the rehabilitation patient may face.

Patient Care

- Demonstrate the appropriate history and physical examination skills of a patient on a Rehabilitation Service.
- Demonstrate understanding of the proper documentation of a rehabilitation unit admit history and physical examination and outpatient SOAP note, inclusive of a differential diagnosis and a treatment plan.
- Demonstrate the consideration of sequelae relevant to the rehabilitation patient and their diagnosis.
- Demonstrate the ability to order and interpret laboratory and imaging studies relevant to a rehabilitation patient presentation.

Professionalism

- Demonstrate professionalism in performing the duties as assigned within the elective rotation.

Interpersonal and Communication Skills

- Demonstrate appropriate use of communication skills during patient encounters.

Practice-Based Learning and Improvement

- Demonstrate the understanding of effectively and efficiently providing care to the rehabilitation patient

Systems-based Practice

- Demonstrate the integration of evidence-based medicine in developing a treatment plan for the rehabilitation patient.

Skill Development During Elective

During this elective rotation, the student is expected to develop competencies in the following clinical skills. The expected level of student engagement in the skills being developed: Observe (O), Assist (A), Master (M).

- Ordering and interpretation of basic laboratory tests and diagnostic studies (O, A)
- Clinical indications and components of electrodiagnostic testing (O, A)
- Ordering and interpretations of appropriate radiographic studies (O, A)
- Mental status and cognition assessment tools and their use (O, A)
- Physiiatric prescriptions and how they are written (O, A)
- Correct use of reflex hammer, ophthalmoscope, otoscope, sphygmomanometer; stethoscope
- Tongue depressor; tuning fork (M)
- Assess normal gait and perform elementary analysis of gait (M)

Sub-Internship

This elective may be taken as a sub-internship after completing PMNR 600. The minimal expectations for a sub-internship elective:

- An inpatient rotation that gives the sub-intern primary responsibility for providing care

- Be developmental, consolidating and refining the knowledge and skills acquired during core clerkships
- Insure increased responsibility in the evaluation and management of acutely ill, hospitalized patients in directly supervised patient-care settings
- Promote development of effective inter-professional teamwork and communication Skills

The sub-internship must contain rigorous expectations that define:

- Level of supervision
- Duty-hour regulations and clinical workload typical of an intern
- Care transitions and cross-coverage responsibilities
- Access to EHRs
- Opportunities for evidence-based, high value care practice

Prerequisite: PMNR 600. Expectations for PMNR 600s may vary from the expectations above because of the nature of the specialty.

REQUIRED TEXTBOOKS and Other Resource Material

DeLisa, JA; Gans, BM; Welsh, NE; Bochenek, WL; Frontera, WR. *Physical Medicine and Rehabilitation: Principals and Practices*, 5th ed. Lippincott, Williams & Wilkins, 2010

Evaluation

The evaluation will include the entrustable professional activities. The clerkship preceptor will evaluate those relevant to this clerkship experience.

GRADES

This elective is graded Satisfactory/Unsatisfactory.

POLICIES

ACADEMIC DISHONESTY

The University holds its students to the highest standards of intellectual integrity. Therefore, the attempt of any student to pass any examination by improper means, present work which the student has not performed or aid and abet a student in any dishonest act may result in disciplinary action including immediate dismissal. Any student witnessing or observing a perceived violation of academic dishonesty is required to report it as outlined in the Guidelines. Students failing to report an observed violation may also receive disciplinary action.

ATTENDANCE POLICIES

Attendance of lectures and laboratories is based on the University's stated attendance policy. Refer to the Student handbook for more information.

CONDUCT

The University expects all students to be responsible individuals who possess the highest standards of integrity, honesty and personal conduct. These traits are prerequisites to independent learning, professional development, the successful performance of academic and clinical assignments, and the conduct of one's personal life. Accordingly, students are expected to adhere to a standard of behavior consistent with the University's high standards at all times off and on campus. Compliance with institutional rules and regulations, in addition to city, state and federal laws, is expected.

COPYRIGHT POLICY

Trinity Medical Sciences University must respect and observe the right and privileges of copyright holders, obey the United States Copyright Act and preserve the integrity of its internal network systems. All students must sign the technology and software use policy. A copy of this policy may be obtained from the Information and Technology Department.

DRESS CODE

All students are expected to maintain the highest standards of professional appearance at all times. During years one and two and while on campus. Medical students are required to wear scrubs or white coats with appropriate dress. Appropriate dress for clinical students includes business slacks with open-collar shirt for men, and business slacks or skirt with professional shirt or sweater for women.

Trinity School of Medicine Faculty Contact Information

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