

Elective Description

Campus: Northeast (Grand Forks)

Elective/Experience Title: Physical Medicine/Rehabilitation

Location of Elective: Altru Rehabilitation Center – Grand Forks, ND

Department: Internal Medicine

Course Number: IMED 9319-01

Preceptor(s): Henri Rommel Caoili, MD

Period(s) Offered: As arranged

Number of students per period: 1

Course prerequisites:

Revised Curriculum Phase(s): 2 & 3

Purpose: To provide an introduction, education and experience in the field of physical medicine and rehabilitation.

Objectives: Following successful completion of this elective, the student will be able to:

1. Describe basic inpatient and outpatient rehabilitation needs of CVA, SCI, TBI, Trauma, and medically debilitated patients.
2. Describe basic principles of an interdisciplinary approach in managing chronic non-malignant pain in an outpatient setting.
3. Discuss basic principles in pharmacologic, cognitive and behavioral/lifestyle modifications in managing chronic pain syndromes.
4. Describe basic principles in electrodiagnostic medicine.
5. Describe basics in prosthetic and orthotics prescription writing.
6. Recognize the importance of an interdisciplinary approach in the field of Physical Medicine and Rehabilitation.

Instructional Activities: During this elective, the student will be involved in/experience:

1. Care of patients at our south campus inpatient rehabilitation center, north campus rehabilitation clinic and Altru Hospital consult and admission services.
2. Engagement and involvement during inpatient Rehabilitation Team Conferences.
3. Direct observation with patients as they go through their rehab sessions with PT/OT, Speech Pathology, Therapeutic Recreation and Rehab Psychology Services.
4. Direct observation and assistance in procedures as appropriate, such as Botox, Trigger Point, Intra-articular Joint Injection at the outpatient clinic.
5. Direct observation and educational training during EMG/NCV training.
6. Inpatient consultations and providing care plans for rehab services at either inpatient or skilled service settings.

Criteria for Grading: During and following this elective, the preceptor will:

1. Utilize the standardized UNDSMHS senior elective evaluation form.
2. Evaluate by observation the student's ability to perform musculoskeletal, neurologic and functional examinations of patients with acute or chronic diseases, and generate an appropriate treatment plan.
3. Evaluate the student's ability to formulate prosthetic and orthotics prescriptions during case discussion.
4. Evaluate by case presentations and discussion the student's competency in managing chronic pain using an interdisciplinary approach, not just limited to pharmacologic interventions.
5. Evaluate by observation the student's ability and competency in describing team approach in inpatient rehabilitative care.
6. Evaluate the student's written and verbal communication to ensure appropriate "360" communications between the patient and all members of the rehabilitation team.