

What procedures will the resident actually perform (if capable): PEG Removal
History, physical examination, manual muscle tests, range of motion analysis, EMG-NC studies
if interested.

Assist: EMG-NC studies

Observe only: Disability Determination

Are there any procedures that the resident will not be permitted to perform: No

Will the resident have primary patient responsibility: Delegated responsibilities

Will the resident be permitted to perform the initial examination of the patient (new admission or
consult), and initiate therapy: Yes

Additional information or comments:

The resident will be exposed to a patient population common to the primary care physicians
office practice.

Emphasis will be on developing understanding of residual physical function, it's enhancement
and compensation for impairments in common disabling conditions.

Approved: _____

Title: Program Director Date: _____

**UNIVERSITY OF MISSOURI-KANSAS CITY SCHOOL OF MEDICINE
INTERNAL MEDICINE RESIDENCY PROGRAM**

GUIDELINES FOR PHYSICAL AND REHABILITATION ELECTIVE

INTRODUCTION:

The Physical and Rehabilitation elective for primary care physicians at Saint Luke's Hospital is a one month rotation intended to acquaint the participant with diagnosis and management principles of adult patients who have acquired neurologic and musculoskeletal medical impairments. The emphasis is upon assessment and management techniques of rehabilitation medicine physicians, physical therapists, occupational therapists, speech therapists and rehabilitation nurses as appropriate to the education of the primary care physician.

GOALS:

The goals of the elective are to enhance the ability of the physician to assess and manage the care of impaired individuals in their practice, and to improve the appropriateness in use of services of rehabilitation medicine physicians, physical therapists, occupational therapists, and speech therapists. Impairments included are those from strokes, spinal cord injury, disabling neurologic conditions, arthritis, fibromyalgia, strains, sprains, head injury and major multiple trauma.

EDUCATIONAL OBJECTIVES:

Upon completion of the elective, participants will be able to:

1. Distinguish the concepts of medical impairment, disability, and handicap
2. Describe accepted nomenclature and measurements of function:
 - a. Glasgow Coma Scale
 - b. ASIA Spinal Cord Nomenclature System
 - c. Barthel Function Outcome System
 - d. FIM - Functional Measurement System
3. Perform an accepted method of manual muscle testing.
4. Perform an accepted method of joint range of motion measurement.
5. Describe residual functional capacities in the following condition:
 - a. Stroke
 - Middle Cerebral Artery Syndrome
 - Anterior Cerebral Artery Syndrome
 - Posterior Cerebral Artery Syndrome
 - Brain Stem Syndromes
 - Cerebellar Syndromes

- b. Neurologic Conditions
 - Multiple Sclerosis
 - Polyradiculoneuropathy
 - Polyneuropathy
 - Head injury
 - c. Spinal Cord Pathology
 - Cord Pathology
 - Cervical Cord Syndromes
 - Thoracic Cord Syndromes
 - Cauda Equina Syndromes
 - d. Rheumatologic Conditions
 - Rheumatoid Arthritis
 - Osteoarthritis
 - Fibromyalgia
 - e. Trauma
 - Strains, Sprains
 - Femur Fracture
 - Major Multiple Trauma
6. Recognize secondary medical problems common to the patient population with medical functional impairments, including:
- a. Bladder dysfunction
 - b. Bowel dysfunction
 - c. Skin breakdown
 - d. Joint contracture
 - e. Spasticity
 - f. Depression and adjustment disorders
7. Examine and develop a differential diagnosis in patients with:
- a. Neck pain
 - b. Arm pain
 - c. Back pain
 - d. Leg pain
8. Describe the uses and limitations of electromyography and electroneurography.
9. Assist in the development of a multidisciplinary treatment plan for selected patients.
10. Describe the uses and limitations in patient care of physical therapists, occupational therapists, and speech therapists.

METHODOLOGY:

The elective settings include the inpatient rehabilitation unit of Saint Luke's Hospital, the Rehabilitation services Department of Saint Luke's Hospital and the Physical Medicine and Rehabilitation physician's offices at 4320 Wornall Road, Suite 440. Specific educational methods include:

1. Supervised examination and management of selected patients on the Rehabilitation Unit.
2. Observation of patient treatment in physical therapy, occupational therapy and speech therapy.
3. Supervised direction of the multidisciplinary team patient treatment planning meeting on selected patients weekly.
4. Supervised examination and management of rehabilitation issues on selected consultation in patients and outpatients.
5. Observation and participation in electromyography and electroneurography.
6. Didactic educational sessions with rehabilitation medicine physicians and selected allied health staff.

EVALUATIONS:

Direct observation of performance.

05/05