Goals and Objectives

Mary Free Bed Hospital Spinal Cord Injury

(Revised 6/2013)

The MSU PM&R program’s inpatient experience is spread over the 36 month training period, for a total of two 1-month rotations.

Year in training: PGY 3

Level of supervision by attending physician: Direct supervision

Supervision of junior residents: No

Location of rotation: Mary Free Bed Hospital

Responsible Faculty: Drs. Sam Ho MD, Vandenberg, Bloom, Fetichner

Goals of Rotation: The goal of this rotation is for the resident physician to gain knowledge and clinical experience as follows:

* Demonstrate the ability to classify spinal cord injuries and to rehabilitate adults with spinal cord injury
* Exemplify the role of the leadership and physiatrist in clinical case management across the continuum of rehab care from patients to case managers
* Demonstrate and understanding of the role of assistive devices and computers in the rehabilitation of individuals with disabilities
* Display effective communication skills with admission coordinators regarding admissions and consultations at Mary Free Bed Hospital and other hospitals
* Demonstrate team leadership skills in clinical case management at interdisciplinary team rounds
* Display effective communication and interpersonal skills while working with a variety of attending physiatrists, nurses, therapists, allied health care workers and with patients and families
* Demonstrate skill in writing rehab prescriptions for medications, therapies and durable medical equipment in the inpatient setting
* Demonstrate the understanding of reintegration of patients with physical and/or cognitive impairments into the community

1. Patient Care:

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| **Post Graduate Year** | **Responsibilities** |
| **Year 3** | * Display proficiency in assessing, classifying, and managing patients with spinal cord injuries
* Display proficiency in prescribing and adjusting wheelchairs for patients with spinal cord injuries
* Demonstrate an understanding of how to reintegrate patients with physical and/or cognitive impairments back into the community
* Demonstrate the ability to comprehensively manage spinal cord injury and its potential complications including acute and long term pulmonary and vascular considerations, gastrointestinal and urinary tract disorders, soft tissue disorders, metabolic/endocrine and thermal regulation, sexuality/fertility issues, psychosocial issues, co-existent brain injury, spasticity, pain, late neurologic deterioration, and outcome prognosis
* Demonstrate capability in medical management of spinal cord injured patients admitted to the inpatient rehabilitation setting
* Display effective communication and interpersonal skills while working with a variety of attending physiatrists, nurses, therapists, allied health care workers and patients
* Perform rehabilitation medicine-focused history and physical examination of the spinal cord injured patient that is complete, accurate reflective of the patient’s functional ability
* Recommend and interpret appropriate diagnostic tests
* Demonstrate the ability to set effective goals for patients which will result in optimal rehab outcomes
* Coordinate admissions and consultations with admission coordinators
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2. Medical Knowledge:

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| **Post Graduate Year** | **Responsibilities** |
| **Year 3** | Demonstrate knowledge and proficiency skills in the following topics:* Classification of spinal cord injuries using ASIA scale
* Management of common rehabilitation problems encountered in the care of adults with spinal cord injuries
* Indications for respiratory support in the care of ventilator-dependent patients
* Essential components of manual and motorized wheelchairs including appropriate seating
* Essential wheelchair prescription
* Essential assessment of spinal cord injured patients for manual or motorized wheelchairs
* Spinal cord injury statistics including epidemiology, prevention of spinal cord injury and systems of care
* Anatomy, pathogenesis and research in the field of neurologic recovery from spinal cord injury
* Long term care of spinal cord injured patients
* Functional concerns with aging after spinal cord injury
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3. Practice-Based Learning and Improvement

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| **Post Graduate Year** | **Responsibilities** |
| **Year 3** | * Utilize available resources to make both timely and appropriate diagnostic and management decisions when performing inpatient spinal cord injury assessment, treatment and consultation
* Intelligently discuss outcomes of various patient management plans with an attending physician
* Identify, assess and target areas for self-improvement
* Effectively solicit and utilize constructive feedback from all team members, including attending physicians, patients and their families
* Review current literature regarding spinal cord injury topics as discussed during patient rounds
* Integrate newly acquired knowledge into the assessment of spinal cord injury rehabilitation treatment and outcomes
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4. Interpersonal and Communication Skills

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| **Post Graduate Year** | **Responsibilities** |
| **Year 3** | * Demonstrate sensitivity when interacting with persons after catastrophic injury
* Produce concise and accurate documentation of treatment plans and care provided
* Demonstrate appropriate interactive and engaging communication skills with patients with disabilities and with their families
* Demonstrate effective teamwork skills with other health care providers, especially in an interdisciplinary setting
* Demonstrate effective skills for communicating with a patient at his or her socioeconomic level
* Demonstrate effective listening skills
* Display effective communication skills with admission coordinators regarding admissions and consultations at Mary Free Bed Hospital and other hospitals
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5. Professionalism

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| **Post Graduate Year** | **Responsibilities** |
| **Year 3** | * Maintain professional behavior at all times in regard to dress, language and conduct
* Exemplify respect, dignity and compassion for patients and their families
* Demonstrate initiative, integrity and respect for patient confidentiality
* Demonstrate collegial and collaborative conduct with fellow residents, attending physicians, nursing staff and allied health staff
* Demonstrate an understanding of ethical principles involved in rehabilitation medicine
* Respect diversity in the cultural dynamics, gender, age, ethnicity, religion, disabilities and sexual orientation of patients and co-workers
* Develop professional relationships with referring physicians, therapists and ancillary health care providers to deliver timely and effective medical and rehabilitative care
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6. Systems-Based Practice

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| **Post Graduate Year** | **Responsibilities** |
| **Year 3** | * Advocate for quality patient care and assist patients in navigating system complexities
* Understand the benefits of preventative care and education in persons with spinal cord injury
* Demonstrate sensitivity and awareness in the cost of treatment options and develop appropriate treatment plans accordingly
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**Specific Functions and Roles to Accomplish Rotation Goals**

To accomplish the above mentioned inpatient objectives, the resident will provide medical and rehabilitative care for patients admitted to the inpatient rehabilitation unit in conjunction with a designated attending physiatrist. In addition, the resident will attend regularly scheduled interdisciplinary team rounds.

The resident will participate in the didactic curriculum by teaching fellow residents on various topics, as assigned by their attending physician, Program Director or Chief Resident.

The resident will participate in journal club, morbidity and mortality rounds, as well as root cause analysis, as assigned by their attending physician, Program Director or Chief Resident.

The resident will develop and participate in quality improvement projects, as assigned by their attending physician, Program Director or Chief Resident.

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Resident Signature

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Program Director Signature