

## **CLINICAL NEUROPHYSIOLOGY**

### **Department of Neurosciences**

## **SCOPE OF PRACTICE**

### **PGY-5**

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The goal of the Clinical Neurophysiology fellowship training program at the Medical University of South Carolina is to prepare the physician for the independent practice of clinical neurology. This is accomplished through supervised inpatient and outpatient clinical experiences accompanied by a didactic program in basic and clinical neuroscience. Supervised clinical experiences are organized to allow progressive responsibility for patient management as residents develop increasing clinical competence. Resident progress through the program is monitored by the faculty and clinical responsibility is increased only as residents demonstrate appropriate skills to handle this increased responsibility.

#### **PGY – 5**

- Complete consultation note on inpatients and outpatients with epilepsy or neuromuscular disease as directed by the attending physician
- Establish and coordinate diagnosis and treatment plans for inpatients and outpatients with epilepsy or neuromuscular disease under the supervision of the attending physician
- Perform lumbar punctures as necessary for patient diagnosis and management
- Provide on-call coverage for EEG services as scheduled
- Supervise student activities
- Supervise Neurology resident and rotating resident activities as directed
- Assess inpatient adult and pediatric epilepsy and neuromuscular consults under the supervision of the attending physician
- Assess epilepsy and neuromuscular patients in the Emergency Department under the supervision of the attending physician

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- Perform and interpret EMG/NCV studies under the supervision of the attending physician
- Interpret all MUSC routine and long-term monitoring (LTM) EEGs, as well as outside routine EEGs, under the supervision of the attending physician
- Interpret evoked potentials under the supervision of the attending physician
- Participate in intraoperative neurophysiologic monitoring as assigned
- Interpret polysomnography under the supervision of the attending physician
- Perform and interpret autonomic studies under the supervision of the attending physician
- Perform chemodenervation procedures under the supervision of the attending physician
- Participate in adult and pediatric epilepsy and neuromuscular outpatient clinics as assigned
- Responsible for organizing patient and didactic conferences as assigned
- When on elective rotations on other services, perform duties as directed by the supervising physician on that service
- Fellows will participate in management of patients with intracranial electrodes placed as part of epilepsy surgical evaluations, including interpretation of EEG and performance of cortical mapping, under the supervision of the epilepsy attending
- Perform other duties as specifically directed by the attending physician