

CHILD NEUROLOGY

Department of Pediatrics

SCOPE OF PRACTICE

PGY-3 – PGY-6

The goal of the pediatric neurology residency training program at the Medical University of South Carolina is to prepare the physician for the independent practice of clinical pediatric 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. Faculty members assess the residents' progress to ensure that they have developed the requisite skills for advancing to the next level of training.

PGY-3

Eleven months of the PGY-3 year are spent in Adult Neurology at Medical University Hospital. The pediatric neurology resident's schedule is a hybrid of the PGY-2 and PGY-3 adult neurology resident schedules. Rotations include the adult neurology inpatient, stroke, general consult, EMU/Epilepsy, and neuromuscular disease services; neuroscience intensive care unit; adult outpatient sub-specialty clinics; and night float. One month of the PGY-3 year is spent working on the Adult Neurology Inpatient service at Ralph H. Johnson Department of Veterans Affairs Medical Center. The PGY-3 is expected to:

- Complete a history and physical on each patient admitted as assigned by the senior resident or attending
- Establish diagnosis and treatment plans for assigned patients under the supervision of the senior resident and attending physician
- Participate in daily ward rounds
- Perform lumbar punctures as necessary on assigned patients under the supervision of the senior resident
- Provide on-call coverage for all adult and pediatric neurology inpatients as scheduled

CHILD NEUROLOGY

Department of Pediatrics

SCOPE OF PRACTICE

PGY-3 – PGY-6

- Perform other duties as specifically directed by the attending physician

PGY- 4

The PGY-4 year emphasizes clinical training in Pediatric Neurology. Four months are spent on the Inpatient Pediatric Neurology service, performing consultations and caring for patients in the emergency room and throughout Children’s Hospital. Another four months are spent in the Pediatric Neurology outpatient clinics with each of the attending pediatric neurologists. The outpatient rotations include experience in general Pediatric Neurology clinics, as well as subspecialty clinics for children with epilepsy, headache, movement disorders, neuromuscular disease, brachial plexus injuries, brain tumors, spasticity, and autism. Residents also gain experience with a number of outpatient procedures, including performing intrathecal baclofen trials, refilling and programming baclofen pumps, administering botulinum toxin, and programming vagal nerve stimulators. The remainder of the year is spent on the Pediatric Epilepsy service (1 month); Neurophysiology (2 months); and Neuroradiology (1 month). On the Pediatric Epilepsy service, the resident participates in the care of pediatric patients who are admitted to the Epilepsy Monitoring Service for long-term video EEG monitoring and attends outpatient Pediatric Epilepsy clinics. The PGY-4 resident is expected to:

- Complete resident consult notes on all inpatient and emergency department pediatric neurology consults under the supervision of the attending physician as scheduled
- Establish and coordinate diagnoses and treatment plans for all inpatient consults under the supervision of the attending physician
- Participate in pediatric neurology outpatient clinics as assigned
- Lead daily rounds on pediatric neurology consults in the inpatient setting
- Interpret EEGs (including inpatient ICU monitoring) under the supervision of the attending

CHILD NEUROLOGY

Department of Pediatrics

SCOPE OF PRACTICE

PGY-3 – PGY-6

physician

- Perform lumbar punctures as necessary for patient diagnosis and management
- Provide on-call coverage for all pediatric neurology patients as scheduled
- Supervise student activities
- Supervise junior resident and rotating resident activities
- Perform other duties as specifically directed by the attending physician

PGY-5

During the PGY5 year, the resident spends two months on the Inpatient Pediatric Neurology service and two months in the Pediatric Neurology outpatient clinics. The resident is also required to complete month-long rotations in neuropathology, child and adolescent psychiatry, and developmental pediatrics. The remaining five months are elective time. Potential electives include EEG, EMG, neuroradiology, neuro-ophthalmology, genetics, neuroimmunology, movement disorders, and sleep medicine. Other electives are possible, subject to the Program Director's approval. The resident may also decide to dedicate a portion of this time to research or other career development activities. The PGY-5 resident is expected to:

- Organize patient and didactic conferences as assigned
- Complete resident consult notes on all inpatient and emergency department pediatric neurology consults under the supervision of the attending physician as scheduled
- Establish and coordinate diagnoses and treatment plans for all inpatient consults under the supervision of the attending physician
- Participate in pediatric neurology outpatient clinics as assigned

CHILD NEUROLOGY
Department of Pediatrics

SCOPE OF PRACTICE
PGY-3 – PGY-6

- Lead daily rounds on pediatric neurology consults in the inpatient setting
- When on elective rotations on other services, perform duties as directed by the supervising physician on that service
- Perform lumbar punctures as necessary for patient diagnosis and management
- Interpret EEGs (including inpatient ICU monitoring) under the supervision of the attending physician
- Perform and interpret EMG/NCV studies under the supervision of the attending physician
- Interpret evoked potentials under the supervision of the attending physician
- Provide on-call coverage for all pediatric neurology patients as scheduled
- Supervise student activities
- Supervise junior resident and rotating resident activities