

## Neurology Levels of Care

PROCEDURE/SKILL	LEVEL OF CARE	SUPERVISION	MILESTONE/COMPETENCY
Participate in the discussion of prognosis with Family members for patients with severe neurological impairment including brain death, organ procurement, and implications of advance directives	PGY 3	Direct	PC3, PC11, P1, 2, ICS1,2
Attend brain cutting and other neuropathology activities	PGY 3	Direct	PC13, MK1
Order and interpret sleep studies	PGY 3	Direct	PC1-2, PC11, PC 16
Assess, interrogate and program vagal nerve stimulator devices	PGY 3	Direct	PC9
Participate in Muscular Dystrophy clinic and help coordinate care for patients with neuromuscular disorders	PGY 3	Direct	PC5
Order and/or administer tPA to acute stroke patients	PGY 3	Direct	PC6
Assess and develop a plan of action for patients Consulted on the pediatric service	PGY 3	Indirect	PC12
Participate in the pediatric neurology clinics	PGY 3	Indirect	PC12
Perform and interpret nerve conduction velocities and electromyography, evoked potentials, other neurophysiologic studies	PGY 3	Indirect	PC17
Interpret EEGs	PGY 3	Indirect	PC16
Participate in discussions of prognosis and advance directives with patients and/or family members	PGY 3	Indirect	P1,2, SBP1,2, ICS1,2
Assess patients with severe neurological impairment in reference to prognosis, possible brain death, and provide input in terms of possible organ donation	PGY 3	Indirect	PC2,11
Perform chemodenervation with botulinum toxin	PGY 3	Indirect	PC4,5,6,10
Perform occipital nerve blocks and trigger point injections	PGY 3	Indirect	PC3,10
Perform Tensilon tests for myasthenia	PGY 3	Indirect	PC5
Determine admission status of a patient presenting to the ER	PGY 3	Oversight	PC1-2, PC11, PC 16
Help in the supervision of trainees and students rotating on the neurology service in reference to patient care	PGY 3	Oversight	MK1-3, PBL1,2, ICS1,2
Determine the need and availability of emergency EEG in the assessment of patients with possible seizures, status epilepticus, unexplained coma	PGY 3	Oversight	PC2,9,16
Assess and develop management plan for neurologic emergencies such as status epilepticus, spinal cord compression, increased intracranial pressure with early herniation signs, change in mental status or coma	PGY 3	Oversight	PC2,3

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Develop triage assessment and plans for patients who are critically ill and may require EKG/EEG telemetry or admission to the ICU	PGY 3	Oversight	PC3,MK1-3, ICS1,2
Document detailed neurology consult and differential diagnosis in the electronic health record	PGY 3	Oversight	PC1-15, MK1-3, ICS1,2
Confer with the primary team to explain the neurological plan and coordinate orders and tests	PGY 3	Oversight	ICS1,2
Observe and interpret highly technological neuroradiological procedures such as perfusion MRI, SPECT scans, PET, carotid and transcranial doppler	PGY 3	Oversight	PC15

### KEY

#### \* Supervision:

**Direct**-the supervising physician is physically present with the resident and patient.

\*A faculty physician, other than another resident, is physically present during the key portions of the procedure or is immediately available.

**Indirect**-the supervising physician is physically within the hospital or other site of patient care and is immediately available to provide direct supervision.

**Oversight**- the supervising physician is available to provide review of procedures/encounters with feedback after care is provided.

#### \*\*Core Competencies:

1. Patient Care (PC)

2. Medical Knowledge (MK)

3. Practice-Based Learning & Improvement (PBL)

4. Systems-Based Practice (SBP)

5. Interpersonal & Communication Skills (IC)

6. Professionalism (P)