

## Neurology Level of Care

PROCEDURE/SKILL	LEVEL OF CARE	SUPERVISION	MILESTONE/COMPETENCY
Perform nerve conduction velocities and electromyography	PGY 2	Direct	PC17
Interpret EEGs	PGY 2	Direct	PC16
Attend brain cutting and other telepathology activities	PGY 2	Direct	PC13, MK1
Observe and interpret neuroradiological procedures such as perfusion MRI, SPECT scans, PET, carotid and transcranial Doppler	PGY 2	Direct	PC3, PC15, MK3
Observe neurosurgical procedures and operations and participate in the area of neurosurgical patients	PGY 2	Direct	PC3, PC13, MK3, ICS1, ICS2
Perform occipital nerve blocks and trigger point injections	PGY 2	Direct	PC3
Perform Tensilon tests for myasthenia	PGY 2	Direct	PC3, MK3
Perform more challenging lumbar puncture and determine need for cisternal puncture or LP under fluoroscopy	PGY 2	Direct	PC18, MK3, SBP1-2, ICS1-2
Perform localized chemodenervation with botulinum toxin for movement disorders, spasticity or chronic migraine	PGY 2	Direct	PC4, PC10
Determine admission status of a patient presenting to the ER	PGY 2	Indirect	PC1-15, MK1-3, SBP1-2, P1-2, ICS1-2
Determine transfer status of a patient with neurological problems on another hospital service	PGY 2	Indirect	PC1-15, MK1-3, SBP1-2, P1-2, ICS1-2
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 2	Indirect	PC18, MK1-3, SBP1-2, P1-2, ICS1-2
Help in the supervision of trainees and students rotating on the neurology service in reference to patient care	PGY 2	Indirect	MK1-3, PBL1-2, ICS1-2
Perform a comprehensive neurological history and examination	PGY 2	Oversight	PC1,2

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Document a logical and clear admission history and physical/neurological examination in the medical record	PGY 2	Oversight	PC1-3, ICS2
Document timely, complete, logical and legible daily notes in the medical record	PGY 2	Oversight	PC1-3, ICS2
Read neuroimaging with reference to common nervous system disorders such as stroke, brain tumor, brain infection, demyelinating disease and inflammatory disease	PGY 2	Oversight	PC15
Develop triage assessment and plans for patients who are critically ill and may require EKG/EEG telemetry or admission to the ICU	PGY 2	Oversight	PC3, SBP1,2, ICS1,2
Develop a plan of assessment and management after discussion with the chief resident and/or neurology attending physician on call	PGY 2	Oversight	PC3, MK1-3, SBP1,2, PBL1, 2, ICS1,2
Instruct patient as to seizure precautions if appropriate, and what to do in the case of recurring symptoms or problems	PGY 2	Oversight	PC9
Instruct patient as to the potential side effects and teratogenicity of neurological medications	PGY 2	Oversight	PC3, SPB1,2, ICS2
Develop an effective follow-up plan for outpatient care and participate in discharge planning in collaboration with the patient's family, social, rehabilitation/PT/OT, and consulting services	PGY 2	Oversight	PC3, SBP1,2, ICS1,2
Determine specific orders for monitoring including vital signs, neuro checks, intake/output, & intravenous fluids according to the medical and neurological status of the patient	PGY 2	Oversight	PC3
Perform simple lumbar puncture	PGY 2	Oversight	PC18

Direct\*: Indirect after fellow has demonstrated proficiency

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<b>Key</b>
<b>Supervision</b>
<b>Direct</b> -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.
<b>Indirect</b> -the supervising physician is physically within the hospital or other site of patient care and is immediately available to provide direct supervision.
<b>Oversight</b> - the supervising physician is available to provide review of procedures/encounters with feedback after care is provided.
<b>Core Competencies</b>
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)