

### Neurology Levels of Supervision

procedure	level of care	supervision	Milestone	competency
Perform nerve conduction velocities and electromyography	PGY 2	Direct	PC17	PC
Interpret EEGs	PGY 2	Direct	PC16	PC
Attend brain cutting and other neuropathology activities	PGY 2	Direct	PC13, MK1	PC, MK
Observe and interpret neuroradiological procedures such as perfusion MRI, SPECT scans, PET, carotid and transcranial Doppler	PGY 2	Direct	PC3, PC15, MK3	PC, MK
Observe neurosurgical procedures and operations and participate in the care of neurosurgical patients	PGY 2	Direct	PC3, PC13, MK3, ICS1, ICS2	PC, MK, ICS
Perform occipital nerve blocks and trigger point injections	PGY 2	Direct	PC3	PC
Perform Tensilon tests for myasthenia	PGY 2	Direct	PC3, MK3	PC, MK
Perform localized chemodenervation with botulinum toxin for movement disorders, spasticity or chronic migraine	PGY 2	Direct	PC4, PC10	PC
Order / administer tPA for acute stroke	PGY 2	Direct	PC6	PC
Determine admission status of a patient presenting to the ER	PGY 2	Indirect	PC1-15, MK1-3, SBP1-2, P1-2, ICS1-2	PC, MK, SBP, P, ICS
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	PC, MK, SBP, P, ICS
Perform more challenging lumbar puncture and determine need for cisternal puncture or LP under fluoroscopy	PGY 2	Indirect	PC18, MK3, SBP1-2, ICS1-2	PC, MK, SBP, ICS
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	PC, MK, SBP, P, ICS
Participate in the care of psychiatry inpatients	PGY 2	Indirect	PC14, SBP2, P1-2, ICS1	PC, SBP, P, ICS
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	MK, PBL, ICS
Perform a comprehensive neurological history and examination	PGY 2	Oversight	PC1,2	PC
Document a logical and clear admission history and physical/neurological examination in the medical record	PGY 2	Oversight	PC1-3, ICS2	PC, ICS

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Document timely, complete, logical and legible daily notes in the medical record	PGY 2	Oversight	PC1-3, ICS2	PC, ICS
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	PC
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	PC, SBP, ICS
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	PC, MK, SBP, PBL, ICS
Instruct patient as to seizure precautions if appropriate, and what to do in the case of recurring symptoms or problems	PGY 2	Oversight	PC9	PC
Instruct patient as to the potential side effects and teratogenicity of neurological medications	PGY 2	Oversight	PC3, SPB1,2, ICS2	PC, SPB, IC
Develop an effective followup 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	PC, SBP, ICS
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	PC
Perform simple lumbar puncture	PGY 2	Oversight	PC18	PC