

Procedure	PGY Level	Supervision
Perform and document H & P	3	Oversight
Obtain informed consent	3	Indirect
Orders, interprets and reports basic diagnostic studies	3	Indirect
Order and Interpret radiologic studies	3	Indirect
Provides routine perioperative care for neurosurgical patients	3	Indirect
Places external ventricular drain or ICP bolt	3	Indirect
Places lumbar drain or performs lumbar puncture	3	Indirect
Assists with set up, opening or closing of craniotomies	3	Indirect
Places stereotactic frame or frameless navigation	3	Indirect
Interrogates and programs implanted devices (Shunt, VNS, DBS)	3	Indirect
Implements spinal bracing or traction	3	Indirect
Assists with set up, opening or closing of spine surgeries	3	Indirect
Manages and obtains CSF samples from EVD	3	Indirect
Assists with set up, opening & closing of vascular / endovascular procedures	3	Indirect
Performs CSF shunt tap, valve programming	3	Indirect
Assists with set up, opening, & closing of pediatric neurosurgical procedures	3	Indirect
Inserts arterial lines, central venous catheters	3	Indirect
Dictate discharge, admission, or operative note	3	Indirect
Discuss medical condition, prognosis with patient and family	3	Indirect
Suture laceration	3	Indirect
Recognizes and initiates work up of routine complications from craniotomy	3	Indirect
Recognizes and initiates work up of routine complications from spinal surgery	3	Indirect
Recognizes and initiates work up of routine complications from spinal surgery	3	Indirect
Recognizes and initiates work up of routine complications systemic complications	3	Indirect
Performs routine craniotomy for brain tumor	3	Indirect
Assists with complex craniotomy for brain tumor	3	Direct
Performs routine functional neurosurgical procedures	3	Indirect
Assists with complex functional neurosurgical procedures	3	Direct
Performs routine chronic pain and peripheral nerve procedures	3	Indirect

Assists with complex chronic pain and peripheral nerve procedures	3	Direct
Performs routine spinal surgery procedures	3	Indirect
Assists with complex spinal surgery procedures	3	Direct
Performs routine vascular and endovascular procedures	3	Indirect
Assists with complex vascular and endovascular procedures	3	Direct
Performs routine pediatric neurosurgical procedures	3	Indirect
Assists with complex pediatric neurosurgical procedures	3	Direct
Performs routine craniotomy for traumatic brain injury	3	Indirect
Manages airway and performs endotracheal intubation	3	Indirect
Manages routine complications from craniotomy	3	Indirect
Manages routine complications from spinal surgery	3	Indirect
Manages routine complications from functional procedures	3	Indirect
Manages routine complications from vascular / endovascular procedures	3	Indirect
Performs complex craniotomy for brain tumor	3	Direct
Assists with advanced craniotomy for brain tumor	3	Direct
Performs complex functional neurosurgical procedures	3	Direct
Assists with advanced functional neurosurgical procedures	3	Direct
Performs complex spinal surgery procedures	3	Direct
Assists with advanced spinal surgery procedures	3	Direct
Performs complex vascular and endovascular procedures	3	Direct
Assists with advanced vascular and endovascular procedures	3	Direct
Performs complex pediatric neurosurgical procedures	3	Direct
Assists with advanced pediatric neurosurgical procedures	3	Direct
Performs complex craniotomy for traumatic brain injury	3	Direct
Manages complex complications	3	Direct

Milestone/Competency	milestone level
PC, MK, P, IPC	1
PC, MK, ICS, P	2
PC, MK	1
PC, MK, SBP, P	1
PC, MK, ICS, SBP, PBL, P	1
PC, MK	1
PC, MK	1
PC, MK, SBP, P	1
PC, MK	1
PC, MK	1
PC, MK	1
PC, MK	1
PC, MK	1
PC, MK	1
PC, MK	1
PC, MK	1
PC, MK	1
PC, MK, SBP, P	1
PC, MK, IPC, P	2
PC, MK, IPC, P	1
PC, MK, IPC, P	2
PC, MK, IPC, P	2
PC, MK, IPC, P	2
PC, MK, IPC, P	2
PC, MK, P	3
PC, MK	
PC, MK, P	3
PC, MK, P	3
PC, MK, P	3

date: 5.13.19

residents: Brougham, LeFever, Wolfson

PC, MK, P	3
PC, MK, P	3
PC, MK, P	3
PC, MK, P	3
PC, MK, P	3
PC, MK, P	3
PC, MK, P	3
PC, MK, P	3
PC, MK, P	3
PC, MK, IPC, SBP	2
PC, MK, P, IPC, SBP, P	3
PC, MK, P, IPC, SBP, P	3
PC, MK, P, IPC, SBP, P	3
PC, MK, P, IPC, SBP, P	3
PC. MK	4
PC. MK	4
PC. MK	4
PC. MK	4
PC. MK	4
PC. MK	4
PC. MK	4
PC. MK	4
PC. MK	4
PC. MK	4
PC. MK	4
PC. MK	4
PC, MK, SBP, P, IPC, PBL	4