

Surgical Neurosciences

Surgical Neurosciences (7 North) is part of the Hough Family Institute for Brain Protection Sciences (IBPS), a center dedicated to treating brain disease, protecting brain health from infancy to adulthood and providing better outcomes.

The Surgical Neurosciences Unit is a specialized pediatric post-operative surgical unit caring for infants, children, and adolescents recovering from a wide variety of elective and emergency procedures. While we have a strong focus on neurological and neurosurgical care, our diverse patient population includes children undergoing surgery across numerous specialties, including General Surgery, ENT, Plastics, Urology, Nephrology, Orthopaedics, GI, Trauma, and Interventional Radiology. Our team also provides specialized care for patients requiring neurological monitoring and epilepsy evaluation.

Unit Overview

- Surgical Neurosciences is a 28-bed unit, serving patients of all acuity levels and all ages. Our typical nurse-patient ratio is 1:3-4.
- Unique to our unit are six designated beds that accommodate video EEG monitoring.
- The Epilepsy Monitoring Unit has received accreditation as a Level IV epilepsy center by the National Association of Epilepsy Centers (NAEC) as well as ABRET Neurodiagnostic Credentialing and Accreditation.

Meet Our Team

- We truly believe in a cohesive family environment. We have had numerous physicians and staff refer to our unit as “nurse heaven” as we respect and work seamlessly as a multidisciplinary team.
- Our Neuro Specialty Team nurses receive additional education and training to care for our epilepsy surgery patients.
- A third of our nursing team have been here > 10 years
- 20% of our nurses have been here > 20 years
- 85% of our nurses have their BSN
- 51% of our nurses have a certification
- 7N dedicated almost 5,000 hours in 2025 to precepting new Johns Hopkins All Children’s personnel from multiple areas.

Recognitions

- 2025 Society of Pediatric Nurses Pediatric Nursing Excellence Award, Platinum Level
- 2026 Award Recipients: 7N had 3 Daisy, 3 Preceptor of the Quarter, and 2 BEE Award winners.
- 2025-2026 *U.S. News & World Report* #1 Children’s Hospital in Florida
- NAEC Accredited Level IV
- ANCC Practice Transition Accreditation Program® (PTAP) accreditation — RN Residency Program
- Magnet Designation

What to Expect

- Customized 13-week orientation
- Specialized classes
- Brain Series course
- PEARS certification
- PALS certification

For more information on the Johns Hopkins All Children’s RN Residency Program, visit:

[HopkinsAllChildrens.org/
PediatricRNResidency](https://HopkinsAllChildrens.org/PediatricRNResidency)



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Surgical Neurosciences

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