

Barrow Neurological Institute at Phoenix Childrens



A world-renowned pediatric neurosciences center

The Barrow Neurological Institute at Phoenix Children's is the largest pediatric neurosciences center in the Southwest. Combining cutting-edge technology, specialized pediatric neuro specialists and innovative neurological research, we offer the most comprehensive neurological care to infants, children and adolescents who have a wide range of acute and chronic neurological conditions. Our approach includes inpatient and outpatient services, aiming to provide comprehensive care from initial diagnosis through medical and surgical treatments, rehabilitation, and ongoing cognitive and behavioral support. Barrow Neurological Institute at Phoenix Children's encompasses all divisions related to neuroscience, united by a commitment to providing comprehensive clinical care, education and research focused on the nervous system. Five key divisions comprise the Center: neurology, neurosurgery, developmental pediatrics, neuropsychology, and physical medicine and rehabilitation.

By the Numbers



One of the largest pediatric neurosciences programs in the U.S. with 200 team members



30+ pediatric conditions treated each year



35k+ clinic visits
1k+ surgeries

\$6.4 million associated with innovative neuroscience research studies, which includes grants, revenue, philanthropy, etc.

Active research program with **50+** funded research studies

55 peer-reviewed papers

63 regional and national presentations

Team of Experts

With a multidisciplinary team skilled in the most complex neurological conditions, we provide the highest quality, most comprehensive care to young patients and their families throughout the Southwest. Together, we create individual, personalized treatment plans to ensure every one of our patients has the best possible treatment outcome.

Epilepsy Diagnosis and Treatment Excellence

Our nationally-renowned Comprehensive Epilepsy Program is home to a team of top clinicians and leading-edge technology for customized patient care plans based on the latest developments in pediatric epilepsy diagnosis and treatment.

Research Breakthroughs

At the Barrow Neurological Institute at Phoenix Children's, research is central to our mission of improving the lives of children with neurological disorders. Clinical trials and translational laboratory research are integral to our ability to provide children with diagnoses, novel treatments and care as quickly and safely as possible. Our clinicians are also involved in nearly a dozen consortiums, sharing best practices and learnings with colleagues at institutions worldwide.

Specialized Pediatric Neuroscience Programs

Our medical experts treat a wide variety of brain, spine/spinal cord and peripheral nervous system conditions in children and adolescents. Some of our pediatric programs include:

- Attention deficit hyperactivity disorder (ADHD)
- Brain tumors
- Cerebrovascular diseases
- Down syndrome
- Epilepsy
- Fetal and neonatal neurology
- Fragile X
- Headache
- Movement disorders
- Neurocardiac care
- Neurocritical care
- Neurofibromatosis
- Neuroimmunology
- Neurotrauma including traumatic brain injury and concussion
- Neuromuscular disorders
- Peripheral nerve diseases
- Physical medicine and rehabilitation (CARF-Accredited)



Recognition

We're proud to be consistently recognized as one of *U.S. News & World Report's* Best Children's Hospitals for neurology and neurosurgery. We are the only comprehensive pediatric neuroscience program in Arizona to be ranked by USNWR. Barrow Neurological Institute at Phoenix Children's encompasses all divisions related to neuroscience, united by a commitment to providing comprehensive clinical care, education and research focused on the nervous system.

Contact Us

Clinical experts in the Barrow Neurological Institute at Phoenix Children's regularly speak on a variety of neurological conditions that impact children of all ages. To request an interview or speaker, please contact mediarelations@phoenixchildrens.com.

Other national recognition includes:

