



A world-renowned pediatric neuroscience 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 inpatient and outpatient neurological, behavioral and psychiatric care and services to infants, children and adolescents who have a wide range of acute and chronic neurological, mental and behavioral illnesses. Our goal is to provide 360-degree care, from initial diagnosis to medical and surgical treatment, rehabilitation and cognitive and behavioral supportive care. Providers across our five divisions – neurology, neurosurgery, developmental pediatrics, neuropsychology and physical medicine and rehabilitation – work collaboratively to provide optimal, world-class care for each child.

By the Numbers



One of the largest pediatric neurosciences program in the U.S.



30+ pediatric conditions treated each year



400% increase in clinical appointments over the past decade

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

Active research program with **40+** funded research studies

93 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 tumor
- Cerebrovascular diseases
- Craniofacial
- 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're also among the few hospitals that can offer pediatric neurosurgery, neurology, psychology, psychiatry, developmental pediatrics and rehabilitation all in one central location, with satellite sites throughout the metro Phoenix area.

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:

