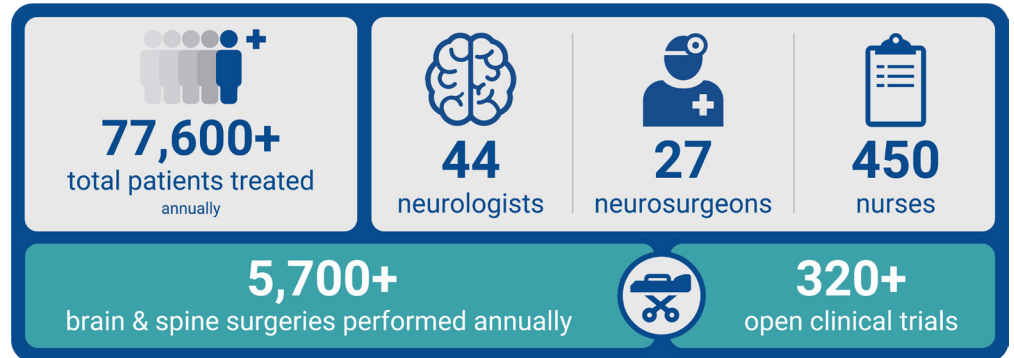


# The Barrow Difference



## Commitment to Excellence

Barrow Neurological Institute at Dignity Health St. Joseph's Hospital and Medical Center in Phoenix, Arizona is an international leader in the treatment, research, and education of brain and spinal diseases, conditions, and injuries. Led by Barrow President and CEO Michael T. Lawton, MD, one of the world's top neurosurgeons, the Institute performs more neurosurgical procedures annually than any other facility in the United States.



## For More Information

### Barrow Neurological Institute

350 West Thomas Road  
Phoenix, Arizona 85013

### Appointments

[BarrowNeuro.org/ContactUs](http://BarrowNeuro.org/ContactUs)

### Second Opinion

[BarrowNeuro.org/SecondOpinion](http://BarrowNeuro.org/SecondOpinion)

### Barrow Transfer Center

1-844-BNI-XFER  
(844-264-9337)

@BarrowNeuro



## Accreditations & Recognitions

*U.S. News and World Report* consistently ranks Barrow as a top center for neurology and neurosurgery in the country. It's the only hospital in the nation that is triple certified by the Joint Commission in Traumatic Brain Injury, Spinal Cord Injury, and Stroke. Barrow boasts a Level I trauma center, CARF-accredited neuro-rehabilitation programs, and more certified neuroscience registered nurses (CNRN) than any other hospital in the world. A decades-long destination for neuroscience education, Barrow was ranked second in the nation for reputation in 2019 by Doximity for its neurosurgical residency program.

Barrow has contributed to many breakthroughs in neuroscience and neurosurgery, including refining the cardiac standstill procedure, isolating the gene for the inherited form of cerebral cavernous malformations, and pioneering thoracoscopic spinal surgery. We are a leader in harnessing innovative technologies and procedures, such as minimally invasive spine surgery, microscopic techniques, and robotic spine surgery.

## Designated Centers of Excellence

- **ALS** – ALS Association Certified Treatment Center of Excellence
- **Alzheimer's Disease & Cognitive Disorders** – Lewy Body Dementia Association Center of Excellence
- **Cavernous Malformation** – Angioma Alliance Center of Excellence
- **Cleft & Craniofacial** – American Cleft Palate Association Approved Team for Cleft & Craniofacial
- **Epilepsy** – National Association of Epilepsy Centers – Level 4 Comprehensive Epilepsy Center
- **Movement Disorders** – Parkinson Foundation Center of Excellence
- **Multiple Sclerosis** – National Multiple Sclerosis Society Center for Comprehensive Care
- **Muscular Dystrophy** – Muscular Dystrophy Association Care Center
- **Neuro-Rehabilitation** – Ekso Bionics Center of Excellence
- **Stroke** – American Heart Association/American Stroke Association Target Stroke Honor Role Elite Plus Award and 2019 Get With the Guidelines® Stroke Gold Plus Quality Achievement Award

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## Visiting Barrow

Barrow Neurological Institute is located on the Dignity Health St. Joseph's Hospital and Medical Center campus in Phoenix, Arizona. It is approximately 7 miles from the Phoenix Sky Harbor Airport, in a metropolitan area with many choices for food, lodging, and tourism.

The institute's 430,300-square-foot, 176-bed Robert F. Spetzler Neuroscience Tower is the largest neuroscience center in the nation. It features 11 of the most advanced dedicated neurosurgical operating rooms in the world, a 64-bed designated Neuro-Intensive Care Unit, and a 32-bed state-of-the-art neuro-telemetry unit. All rooms in the neuroscience tower are private and spacious with ample room for an adult guest to stay overnight with the patient.

Additionally, Barrow is home to 46 Inpatient Neuro-Rehabilitation beds.

## Barrow Second Opinion

Get a fast and secure second opinion from our renowned neurosurgeons for any of the following conditions:

- Acoustic Neuroma
- Aneurysm or Other Cerebrovascular Disorder
- Brain Tumor
- Parkinson's Disease, Essential Tremor, or Dystonia
- Peripheral Nerve Disorder
- Pituitary Tumor
- Spinal Tumor or Other Condition

Get started at  
[BarrowNeuro.org/SecondOpinion](http://BarrowNeuro.org/SecondOpinion)

## Departments

Each of the departments at Barrow Neurological Institute emphasizes clinical care, research, and education.

- Clinical Neuropsychology
- Neurobiology
- Neurology
- Neuropathology
- Neuro-Rehabilitation
- Neuroradiology
- Neuroscience Nursing
- Neurosurgery
- Radiation Oncology

## Centers and Programs

Barrow is committed to clinical excellence, outreach, and support for patients and families affected by neurological conditions and diseases. It is home to the following specialty centers and programs:

- Acoustic Neuroma Program
- Alzheimer's and Memory Disorders Program
- Aneurysms and Cerebrovascular Program
- Brain Tumor Program
  - Ivy Brain Tumor Center
- Center for Transitional Neuro-Rehabilitation (CTN)
- Cleft and Craniofacial Center
- Concussion & Brain Injury Center
  - Domestic Violence Traumatic Brain Injury Program
  - Sports Medicine
- CyberKnife & Gamma Knife Center Deep Brain Stimulation (DBS) Program
- Epilepsy Program
  - Magnetoencephalography (MEG)
  - Visual Monitoring Unit
  - Electroencephalography (EEG)
- Gregory W. Fulton ALS and Neuromuscular Disease Center
- Hypothalamic Hamartoma Program
- Jan & Tom Lewis Migraine Treatment Program
- Muhammad Ali Parkinson Center
  - Lonnie and Muhammad Ali Legacy Care Program
- Multiple Sclerosis Program
- Neuro-Oncology Program
- Neuro-Ophthalmology Program
- Neuro-Otology Program
- Neuropsychology Program
- Neuro-Rehabilitation Center
  - Inpatient Neuro-Rehabilitation Unit
  - Outpatient Neuro-Rehabilitation Center
  - Spinal Cord Injury Wellness Clinic
  - Therapeutic Recreation and Adventures Program
- Neurotrauma Program
- Normal Pressure Hydrocephalus Program
- Pituitary Center
  - Neuroendocrinology Clinic
- Skull Base Program
- Spine Program
- Stroke Program
  - Barrow Emergency Stroke Treatment Unit
  - Stroke Prevention Clinic

## Research

Barrow Neurological Institute is one of only 25 sites in the nation to be a part of the Network for Excellence in Neuroscience Clinical Trials (NeuroNEXT), which was created to improve access to clinical trials and facilitate faster answers to clinical questions. Barrow is also home to the Ivy Brain Tumor Center, the largest Phase 0 clinical trials program in the world.

The Institute conducts basic, translational, and clinical neuroscience research in the following areas:

- Brain Tumors
- Molecular and Cellular Neuroscience
- Neurodegeneration
- Neuroimaging
- Neuroinflammation and Immunity
- Neurotrauma and Spine
- Neurovascular and Stroke
- Systems and Circuits Neuroscience