

Petznick Stroke Center



IMPACT OF PHILANTHROPY



1,015
Mobile Stroke Unit
dispatches



80+
Tele-Stroke calls
per month



6
clinical research
trials

A stroke can occur at any time, in any place, and at any age. However, suffering a stroke doesn't have to lead to permanent, life-altering disability if it is identified early and treated quickly.

The Petznick Stroke Center is dedicated to revolutionizing stroke care and increasing access to vascular neurology expertise for all patients. This includes expanding care outside of the clinic, advancing cutting-edge research, and educating future stroke specialists. Barrow is distinguished as one of only three facilities in Arizona to be named a Comprehensive Stroke Center by The Joint Commission, the highest possible designation in the stroke field.

You contribute to life-saving patient care.

Tele-Stroke: The Tele-Stroke Program connects Barrow vascular neurologists to other hospitals in real time, allowing them to diagnose and recommend treatment virtually. The Program has grown rapidly over the past year, with 17 sites across Arizona, more than 80 calls per month, and a 50% inpatient transfer rate.

Barrow Emergency Stroke Treatment Units: The Mobile Stroke Units bring expert stroke care directly to patients' homes. Last year, the units were dispatched 1,015 times, with an average door-to-drug administration time of 15.5 minutes. The team continues to work with the Phoenix Fire Department to provide education on the latest stroke-care guidelines.

TCD Ultrasonography: Transcranial Doppler (TCD) ultrasonography is a non-invasive way to evaluate blood flow in the brain. The Center recently recruited a specialist to run the outpatient TCD ultrasound clinic, making Barrow the only facility in Arizona to offer this technology in both the inpatient and outpatient settings.

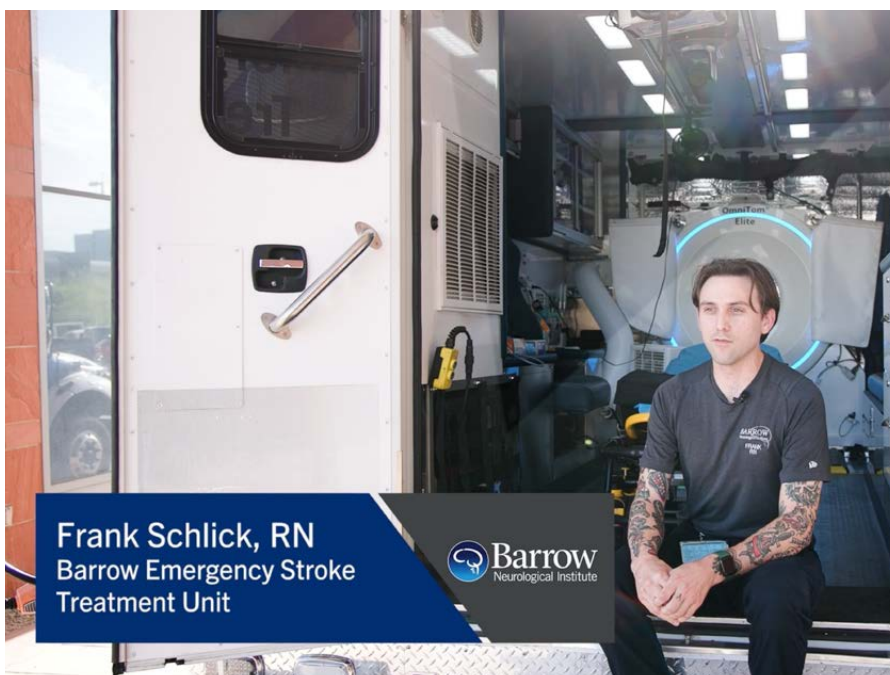


Your support advances innovative stroke research.

The Stroke Center currently has six clinical studies funded by the National Institutes of Health (NIH). This includes the StrokeNet FASTEST study, which aims to improve hemorrhagic stroke outcomes by getting a specific drug to patients as quickly as possible. It is also one of only a few sites

internationally included in the FASTEST pre-hospital study using the Mobile Stroke Unit.

Barrow had a strong presence at the 2024 International Stroke Conference. The Center's vascular neurologists presented research ranging from the effectiveness of a new clot-busting drug in the Mobile Stroke Unit to a novel technology that cools and protects the brain during a stroke. Nursing research was also a focus, with Barrow stroke nurses presenting six research studies.



Frank Schlick, RN
Barrow Emergency Stroke
Treatment Unit



You make a difference in the lives of patients and families.

“I put my faith in Barrow’s expertise. And I’m glad I did, because the doctors told me if I’d waited any longer, I could have been extremely impaired or died. But thanks to Barrow, I’m still here, I’m still me, and I still have a lot to look forward to in life.”

Terry Rice,
treated at Barrow for
a brainstem stroke



Read the full story:

SCAN ME



On the Horizon

Tele-Stroke Program: Barrow recently welcomed Judea Wiggins, MD, as program director and signed contracts with two new sites: Little Colorado Medical Center in Winslow, Arizona, and Chinle Comprehensive Health Care Facility in Chinle, Arizona, which is a part of the Indian Health Service.

Fellowship Program: Paige Banyas, DO, the Stroke Center's 2021-22 Fellow, will return to Barrow to direct the Vascular Neurology Fellowship Program.

Research: The stroke team plans to submit 10 abstracts to the 2025 International Stroke Conference.



The mission of Barrow Neurological Foundation is simple: to be the catalyst of our donors' passion for transformation by providing the resources for Barrow Neurological Institute to achieve its mission of saving human lives through innovative treatment, groundbreaking research, and educating the next generation of the world's leading neuroscience specialists.