

Concussion & Brain Injury Center



Our doctors and specialists at the Barrow Concussion & Brain Injury Center understand the uncertainty and fear that can accompany concussions and other brain injuries. We know that you have questions about your symptoms and recovery, and our accomplished team of highly trained specialists is here to provide you with the answers and guidance you need.

The Barrow Difference

The Concussion & Brain Injury Center at Barrow Neurological Institute is the first of its kind in the nation. We offer comprehensive, compassionate, and cutting-edge treatment and rehabilitation for adolescents and adults with traumatic brain injuries. We developed a unique program dedicated to identifying and treating traumatic brain injuries in survivors of domestic violence. We also lead the way in concussion outreach and education for high school and youth athletes.

For More Information

(602) 406-4323
BarrowNeuro.org/Concussion

#MindingWhatMattersMost



What We Treat

- Concussion
- Post-Concussion Syndrome
- Traumatic Brain Injury

Our Specialists

- Concussion and Brain Injury Neurologists
- Headache Neurologists
- Neuro-Otologists
- Neuropsychiatrists
- Neuropsychologists
- Occupational Therapists
- Physical Therapists
- Social Workers
- Speech-Language Pathologists
- Sports Medicine Physician

Outreach & Education

The Concussion & Brain Injury Center has created engaging education programs to help prevent and address concussions in high school and youth sports. Our Barrow Brainbook web-based learning tool has been taken by nearly every high school athlete in the state of Arizona. For younger athletes, we launched an educational video game called Barrow Brainball. Additionally, we offer a concussion baseline testing program and sideline consultations via telemedicine for high school athletes.

Domestic Violence Traumatic Brain Injury Program

The Concussion & Brain Injury Center developed the Domestic Violence Traumatic Brain Injury Program to identify and treat individuals with traumatic brain injuries caused by domestic abuse. Patients are identified through community partnerships, and care is provided for free. Through compassionate care, education, and research, the program has changed the lives of hundreds of patients in this underserved population.

Continued on back

Our Team



Javier Cárdenas, MD

Javier Cárdenas, MD, is a board-certified neurologist and the director and founder of the Barrow Concussion & Brain Injury Center. He received his medical degree from the University of Arizona College of Medicine in Tucson. He completed a residency in pediatrics at St. Joseph's Hospital and Medical Center and residency in child neurology at Barrow Neurological Institute. Dr. Cárdenas is a member of the American Academy of Neurology; the Arizona Neurological Society; the Arizona State Governor's Advisory Council on Spinal and Head Injuries; and the National Football League's Head, Neck and Spine Committee.



Glynnis Zieman, MD

Glynnis Zieman, MD, is a board-certified neurologist in the Barrow Concussion & Brain Injury Center and the director of the Domestic Violence Brain Injury Program. She earned her medical degree from the University of Missouri—Kansas City School of Medicine. She completed her residency and fellowships in neuro-oncology and sports neurology at Barrow Neurological Institute. Dr. Zieman is a member of the American Academy of Neurology and the American Headache Society.



Padmaja Bollam, MD

Padmaja Bollam, MD, is a neuropsychiatrist in the Barrow Concussion & Brain Injury Center. She is board certified in psychiatry by the American Board of Psychiatry and Neurology. Dr. Bollam earned her medical degree from Kakatiya Medical College in Telangana, India and completed her residency in psychiatry at Valleywise Health Medical Center in Phoenix.