



For More Information

(855) 383-7957
BarrowNeuro.org/Migraine



Though migraine is the most commonly known and discussed type of headache disorder, head pain can take many different forms and can have many different causes.

At the Lewis Headache Center, our expert headache specialists have the tools and knowledge to accurately diagnose migraine and other headaches, as well as the experience and technology to minimize their effects on your daily life.

At the most basic level, pain signals being sent by the nerves in various parts of your head to your brain are the cause of headache symptoms. These signals are your body's way of letting you know about an underlying condition, such as intracranial hypotension, infection, or aneurysm.

In migraine, these signals are kind of a false alarm. You feel just as much pain, but it is the nerves themselves that are having a problem—sensing pain when no pain-causing stimuli are present.

Our team of neurologists who specialize in migraine, headaches, and headache disorders are adept at finding relief for headaches regardless of their cause. The team can tailor a migraine or headache treatment plan for the unique features of your diagnosis.

Research

The Barrow leadership team, neurologists and dedicated supporters want to establish a world-class clinical and basic research center for headache and migraine that includes clinical programs, clinical trials, research and patient support. A team of neurologists and scientists, led by Kerry Knievel, DO, is in the preliminary stages of collecting data that is crucial in developing the future tests, and research necessary to grow and develop a world-class center for cutting edge clinical care and research.

Currently, Dr. Knievel and her team of headache specialists are conducting five studies – three of which study migraine and two that study CSF leak/intracranial hypotension. The plan is to expand both the number and scope of clinical trials, as well as engage in basic translational research to understand the genetic, environmental or inflammatory triggers that might cause migraine and other headaches.

Conditions

- Migraine
- Cerebrospinal Fluid Leak (CSF)
- Cluster Headaches
- Idiopathic Intracranial Hypertension
- New Daily Persistent Headache
- Occipital Neuralgia
- Trigeminal Neuralgia
- Vestibular Migraine

Treatment

- Botox for Chronic Migraine
- Occipital Nerve Block
- Sphenopalatine Ganglion Block
- Trigeminal Nerve Block
- Headache Infusion Treatment
- Medical Massage
- Yoga For Migraine
- Neuromodulation Devices
- Medication Management



Making An Impact

The Lewis Headache Center was established through a transformational gift made by the T.W. Lewis Foundation and Jan and Tom Lewis (pictured above).

With your help, Dr. Knievel and her team can build out the clinical and basic research center to investigate better ways of diagnosing, preventing and treating headache disorders and bring additional relief to those in pain.

If you'd like to support this life-changing work, please donate to the Barrow Neurological Foundation at SupportBarrow.org/Donate or call Angela Braun at the Barrow Neurological Foundation at (602) 406-1035.



Kerry Knievel, DO

Dr. Knievel is the director of the Lewis Headache Center at Barrow Neurological Institute. She is board-certified in headache medicine. Dr. Knievel received her Doctorate of Osteopathic Medicine from Kirksville College of Osteopathic Medicine in Kirksville, Missouri. She completed her residency in neurology and a neuromuscular fellowship at Barrow Neurological Institute in Phoenix, Arizona. Dr. Knievel and her team specialize in migraines, headaches, and headache disorders and are adept at finding relief for headaches regardless of their cause. Dr. Knievel is a member of the American Headache Society, International Headache Society, American Academy of Neurology, is on the board of directors of the Headache Cooperative of the Pacific, and is a Fellow of the American Headache Society.



Courtney Schusse, MD

Dr. Schusse is a board-certified neurologist in headache medicine and an assistant professor of neurology. She earned her medical degree from the Michigan State University College of Human Medicine in East Lansing. She completed both her neurology residency and a clinical neurophysiology and epilepsy fellowship at Barrow Neurological Institute in Phoenix, Arizona. Dr. Schusse is a member of the American Academy of Neurology, the American Epilepsy Society, the American Headache Society, and is a Fellow of the American Headache Society. She is the director of the neurology residency and headache fellowship at Barrow.



Jennifer Robblee, MD

Dr. Robblee is a fellowship-trained headache neurologist and an assistant professor of neurology. She earned both her medical degree and a Master of Science degree in quality improvement and patient safety from the University of Toronto in Canada, where she also completed her neurology residency. She completed her fellowship in headache disorders at Mayo Clinic in Scottsdale, Arizona. Dr. Robblee is a member of the American Academy of Neurology, the American Headache Society, the College of Physicians and Surgeons, and the International Headache Society. She is a fellow of the Royal College of Physicians.



Shane Root, MD

Shane Root, MD, is a neurologist in the Lewis Headache Center and an assistant professor in the Department of Neurology at Barrow Neurological Institute. Dr. Root's expertise includes diagnosing and treating migraine, trigeminal neuralgia, cerebrospinal fluid leak, intracranial hypotension, idiopathic intracranial hypertension, cluster headache, and occipital neuralgia. In addition to managing headache disorders with medication, he is experienced in nerve block and Botox procedures. Dr. Root is a member of the American Academy of Neurology, The American Headache Society, the Headache Cooperative of the Pacific, and the International Headache Society. Dr. Root earned his medical degree from Eastern Virginia Medical School in Norfolk. He completed his neurology residency and a headache fellowship at Barrow Neurological Institute. Dr. Root's research interests include occipital nerve blocks for migraine treatment.



Karissa Secora, MPAS

Karissa Secora is a board-certified physician assistant with an additional certification in headache medicine. She earned her bachelor's degree in neuroscience from Carthage College and her master's degree in physician assistant studies from Concordia University in Wisconsin. Ms. Secora also serves as a preceptor for students at Northern Arizona University and Midwestern University. In 2018, she was awarded Physician Assistant of the Year by the Arizona State Association of Physician Assistants. Ms. Secora is a member of the American Academy of Neurology, the American Academy of Physician Assistants, the American Headache Society, and the Association of Neurology Physician Assistants.



Lauren Harvey, MSN, FNP-C

Lauren Harvey, MSN, FNP-C, is a nurse practitioner in the Lewis Headache Center. Ms. Harvey provides care to patients with migraine and other headache disorders. She is a member of the American Association of Nurse Practitioners and the American Nurses Association. Ms. Harvey earned both her Master of Science in Nursing—Family Nurse Practitioner and her Bachelor of Science in Nursing from Grand Canyon University in Phoenix.



Nicholaus Scarfo, MPAS, PA-C

Nicholaus Scarfo, MPAS, PA-C, is a physician assistant in the Lewis Headache Center at Barrow Neurological Institute. He is board certified by the National Commission on Certification of Physician Assistants. Mr. Scarfo's expertise includes the management of patients with headache disorders. He is a member of the American Academy of Physician Assistants, the American Headache Society, and The Arizona State Association of Physician Assistants. Mr. Scarfo earned his bachelor's degree in sports and health science from American Military University in Charles Towne, West Virginia, and his master's degree in physician assistant studies from Northern Arizona University—Phoenix Biomedical Campus.