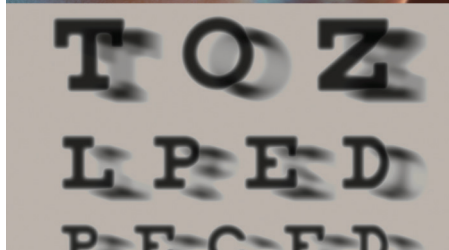


Neuro-Ophthalmology Program



Neuro-ophthalmology is a branch of medicine concerned with visual problems related to diseases of the brain or optic nerves, rather than the eyes themselves. Barrow Neurological Institute is home to a fellowship-trained neuro-ophthalmologist, who has the unique training and experience to evaluate patients with these visual problems.

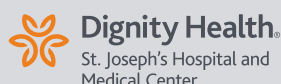
The Barrow Difference

Neuro-ophthalmology is an uncommon specialty, with parts of the world still underserved. Patients with an underlying neurological condition are often referred to our Barrow Neuro-Ophthalmology Program for further evaluation after seeing a neurologist, ophthalmologist or optometrist. Our neuro-ophthalmologist will take as much time with you as possible and strive to provide you with the answers you need about how your neurological condition affects your vision. Our sub-specialists are focused on studying the connection between your vision and your brain. Barrow is also home to experts in a variety of neurological conditions that underlie eye and visual problems, allowing you to receive comprehensive care on one campus.

For More Information

(602) 406-6262
BarrowNeuro.org/Vision

#MindingWhatMattersMost



Symptoms Evaluated

- Abnormal Eye Movements (e.g. Nystagmus)
- Double Vision (Diplopia)
- Eyelid Abnormalities (e.g. Ptosis)
- Forced Eye Closure (Blepharospasm)
- Unequal Pupil Size (Anisocoria)
- Visual Field Defects

Underlying Neurological Conditions

- Brain Tumors
- Intracranial Hypertension
- Multiple Sclerosis
- Myasthenia Gravis
- Parkinson's Disease
- Pituitary Disorders
- Stroke

Optic Nerve Disorders

- Hereditary Optic Neuropathies
- Nutritional Optic Neuropathies
- Ischemic Optic Neuropathies
- Optic Neuritis
- Papilledema
- Toxic Optic Neuropathies
- Traumatic Optic Neuropathy

Meet Our Expert



Karl Golnik, MD, MEd

Karl Golnik, MD, MEd, is a neuro-ophthalmologist and a professor in the Department of Neurology at Barrow Neurological Institute. He is board certified in ophthalmology by the American Board of Ophthalmology. He earned his medical degree from Johns Hopkins University School of Medicine in Baltimore, Maryland, and a master's degree in education from the University of Cincinnati in Ohio. He completed his ophthalmology residency at the University of Virginia in Charlottesville and a neuro-ophthalmology fellowship at the Wilmer Eye Institute at Johns Hopkins Hospital. Dr. Golnik's research interests include devising practical methods to assess patients with neuro-ophthalmic disorders, and developing validated tools to teach and assess ophthalmic surgical skill and clinical competence.