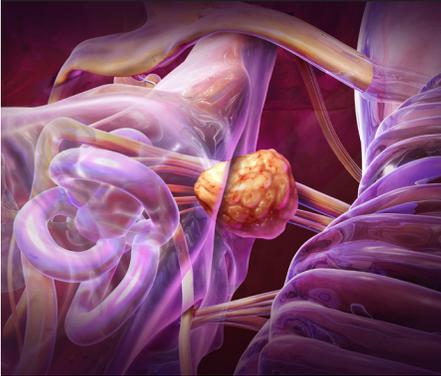


Department of Otolaryngology and Skull Base Surgery



Patient Referrals

To refer a patient, please fax imaging and medical records to **(602) 406-8810**. If you have questions, please call **(602) 406-8811**.

More Information

BarrowNeuro.org



The Department of Otolaryngology and Skull Base Surgery at Barrow Neurological Institute is committed to providing compassionate, comprehensive, and patient-centered care to individuals with disorders of the head and neck, sino-nasal passages, ear, vestibular system, facial nerve, and skull base. Our multidisciplinary team, founded with a commitment to evidence-based medicine and scholarly advancement, is proud to serve Arizona and our region.

The Barrow Difference

Barrow has long been recognized for its pioneering contributions to the neurosciences and as a premier destination for subspecialized treatment. We continue this mission with the Department of Otolaryngology and Skull Base Surgery. As the Institute continues to grow in its scope, our surgeons, audiologists, and other providers will be part of a highly integrated, multi-disciplinary team approach to complex patient care. In turn, patients will benefit from comprehensive and coordinated care delivery to treat the most complex cancers, tumors, and functional disorders encountered by our specialty.

Our team is highly committed to Barrow's mission of academic advancement. We will strive to improve patient care and develop novel treatments through clinical trials, scientific research endeavors, national and international scholarly engagement, and education of the next generation.

The department is led by Shawn M. Stevens, MD, FACS, and Griffin Santarelli, MD. Dr. Stevens is a dual board-certified neurotologist, otologist, and lateral skull base surgeon who is an expert in the treatment of disorders within his discipline. Dr. Santarelli is a fellowship-trained and board-certified expert in the treatment of anterior skull base disorders, complex sino-nasal disease, and head-neck oncology.

Programs Directed by Dr. Stevens

- Lateral Skull Base Surgery Program
- Cochlear Implant and Osseointegrated Implant Program
- Auditory Brainstem Implant Program

Conditions Treated by Dr. Stevens

- Autoimmune and Systemic Conditions
 - Eosinophilic Otitis Media (Churg-Strauss Syndrome)
 - Sarcoidosis
 - Wegener's Granulomatosis
- Congenital Ear Disorders
 - Aural Atresia
 - Familial Hearing Loss
- Dizziness and Vertigo
 - Benign Paroxysmal Positional Vertigo (BPPV)
 - Labyrinthitis
 - Meniere's Disease
 - Persistent Postural Perceptual Dizziness (PPPD)
- Facial Nerve Disorders
 - Bell's Palsy
 - Facial Nerve Tumors
 - Ramsay Hunt Syndrome (Zoster Oticus)
 - Temporal Bone Trauma/Fracture
- Hearing Loss
 - Age-Related Hearing Loss
 - Conductive and Mixed Hearing Losses
- Superior Canal Dehiscence Syndrome
- Vestibular Neuronitis

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- Otosclerosis
- Sensorineural Hearing Loss
- Tinnitus (Continuous or Pulsatile)
- Tympanic Membrane Perforation
- Infectious and Acquired Disorders of the Ear
 - Cholesteatoma
 - Eustachian Tube Dysfunction
 - Otitis Media
 - Otomastoiditis
- Petrous Apicitis
- Ototoxicity
 - Antibiotic-Induced Ototoxicity
 - Chemotherapy-Induced Ototoxicity
 - Loud Noise Exposure/Acoustic Trauma
- Skull Base Tumors/Lesions
 - Acoustic Neuroma
 - Arachnoid Cysts
- Cerebrospinal Fluid Leak
- Encephalocele/Meningoencephalocele
- Epidermoid Cysts
- Glomus Tumors
- Meningioma
- Neurofibromatosis Type 2 (NF2)
- Temporal Bone Cancers

Treatment Options

We offer the full spectrum of ENT treatment from hearing aids and implantable hearing devices to radiosurgery and microsurgical techniques.

Our Experts



Griffin Santarelli, MD

Griffin Santarelli, MD, is an otolaryngologist at Barrow Neurological Institute. He is board certified by the American Board of Otolaryngology—Head and Neck

Surgery. His areas of expertise include complex sinus disease, sinusoidal tumors, skull base approaches and reconstruction, and complex treatment of head and neck cancer. Dr. Santarelli earned his medical degree from the University of Toledo College of Medicine and Life Sciences in Ohio. He completed his residency in otolaryngology at Eastern Virginia Medical School in Norfolk and fellowship in neurorhinology and open and endoscopic skull base surgery at the University of North Carolina at Chapel Hill. Dr. Santarelli joins Barrow as a full-time faculty member following service as a private specialty consultant practicing in Phoenix.



Shawn M. Stevens, MD, FACS

Shawn M. Stevens, MD, FACS, is an otolaryngologist and neuro-otologist at Barrow Neurological Institute. He is dual board certified in neurotology, otology, and lateral skull base

surgery; as well as otolaryngology. His areas of expertise include hearing and vestibular disorders, hearing implant surgery, skull base and temporal bone tumors, facial nerve disorders, and stereotactic radiosurgery.

Dr. Stevens earned his medical degree from The Ohio State University College of Medicine in Columbus. He completed his residency in otolaryngology at the Medical University of South Carolina in Charleston and a fellowship in otology, neurotology, and skull base surgery at the University of Cincinnati. Dr. Stevens is native to the Phoenix area.



Lisa Thompson, AuD, CCC-A

Lisa Thompson, AuD, is an audiologist at Barrow Neurological Institute. She specializes in hearing aids, cochlear implants, auditory brainstem implants, and bone

anchored systems. She holds a certification in cochlear implantation from the Institute for Cochlear Implant Training. Dr. Thompson earned her master's degree in audiology from California State University, Long Beach and her Doctor of Audiology degree from A.T. Still University in Mesa, Arizona.