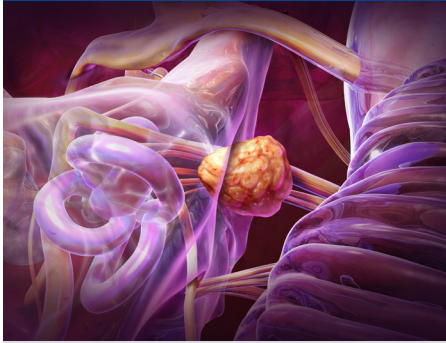


# Department of ENT and Skull Base Surgery



## 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

**#MindingWhatMattersMost**



The Department of ENT 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 ENT and Skull Base Surgery. Our surgeons, audiologists, and other providers are part of a highly integrated, multi-disciplinary team approach to complex patient care. In turn, patients 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 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.

## Programs Directed

- Acoustic Neuroma Program
- Auditory Brainstem Implant Program
- Cochlear Implant Program
- Head and Neck Cancer Program
- Lateral Skull Base Surgery Program
- Sinonasal Program

## Conditions Treated

- Autoimmune and Systemic Conditions
  - ENT manifestations of Churg-Strauss Syndrome
  - Sarcoidosis
  - Wegener's Granulomatosis
- Congenital Disorders
  - Aural Atresia
  - Familial Hearing Loss
  - Branchial cleft Disorders
  - Syndromes/Craniofacial
- Dizziness and Vertigo
  - Benign Paroxysmal Positional Vertigo (BPPV)
  - Labyrinthitis
  - Meniere's Disease
  - Persistent Postural Perceptual Dizziness (PPPD)
  - Superior Canal Dehiscence Syndrome
  - Vestibular Neuronitis
- 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
  - Otosclerosis
  - Sensorineural Hearing Loss
  - Cochlear Implants
  - Bone Implants
  - Tinnitus (Continuous or Pulsatile)
  - Tympanic Membrane Perforation
- Infectious/Acquired Ear Disorders
  - Cholesteatoma
  - Eustachian Tube Dysfunction
  - Otitis Media
  - Otomastoiditis
  - Petrous Apicitis
- Nose and Sinus Disorders
  - Chronic Sinusitis
  - Anosmia
  - Nasal Polyps
  - Mucocele
  - Fungal Sinusitis
  - Deviated Septum

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- Head and Neck
  - Malignant Neoplastic Disease
  - Advanced Stage Oral/Throat Cancer
  - Benign Neoplastic Disease
  - Salivary Tumors
  - Thyroid and Parathyroid
  - Multi-disciplinary team therapies
  - Ototoxicity
  - Orbital/Skull Base Malignancy
  - Lymphadenopathy
  - Skin Cancers (Basal Cell Carcinoma, Squamous Cell Carcinoma, Melanomas)
- Voice, Swallowing, and Airway
  - Temporal Bone Cancers
  - Mucosal Melanoma
  - Free Flap Reconstruction
  - Dysphonia
  - Vocal Cord Paralysis
  - Dysphagia
  - Chronic Cough
  - Subglottic/Tracheal Stenosis
- Skull Base Disorders
  - Acoustic Neuroma
  - Arachnoid Cysts
  - Cerebrospinal Fluid Leak
  - Encephalocele
  - Epidermoid Cysts
  - Glomus Tumors
  - Meningioma
  - Neurofibromatosis Type 2 (NF2)
  - Orbital Tumors
  - Pituitary Adenoma

## 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, sinusal 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.



### 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.

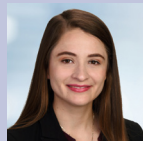
Dr. Stevens is native to the Phoenix area.



### Ameya A. Jategaonkar, MD

Ameya A. Jategaonkar, MD, is an otolaryngologist at Barrow Neurological Institute. He specializes in the surgical treatment of head and neck cancers, transoral robotic surgery, thyroid and parathyroid surgery, open skull base surgery, and microvascular reconstructive surgery of the head and neck. Dr. Jategaonkar earned his medical degree from the University of Arizona College of Medicine—Phoenix. He completed his otolaryngology residency at Icahn School of Medicine at Mount Sinai in New York City and a fellowship in advanced head and neck oncologic and microvascular reconstructive surgery at Thomas Jefferson University in Philadelphia.

Dr. Jategaonkar earned his medical degree from the University of Arizona College of Medicine—Phoenix. He completed his otolaryngology residency at Icahn School of Medicine at Mount Sinai in New York City and a fellowship in advanced head and neck oncologic and microvascular reconstructive surgery at Thomas Jefferson University in Philadelphia.



### Nancy Flores, AuD, CCC-A

Nancy Flores, AuD, is an audiologist at Barrow Neurological Institute. Her expertise includes the diagnosis, monitoring, and rehabilitation of hearing disorders. She is experienced in working with patients who have cochlear implants, hearing aids, and other assistive devices. Dr. Flores earned her bachelor's degree in speech and hearing science and her Doctor of Audiology degree from the College of Health Solutions at Arizona State University.



### Troy Hale, AuD, CCC-A

Troy Hale is an audiologist at Barrow Neurological Institute. He specializes in the diagnosis and treatment of hearing and balance dysfunction. Dr. Hale earned his bachelor's degree in biology from Arizona State University and his Doctor of Audiology degree from the Arizona School of Health Sciences at A.T. Still University in Mesa.



### Tiana Gomes, PA-C

Tiana Gomes, PA-C, is a physician assistant at Barrow Neurological Institute. Her expertise includes the diagnosis and treatment of disorders of the ear, nose, and throat. Ms. Gomes earned her bachelor's degree in biology from Grand Canyon University in Phoenix and her Master of Science in Physician Assistant Studies degree from Gardner-Webb University in Boiling Springs, North Carolina.



### William Gronberg, PA-C

William Gronberg, PA-C, is a physician assistant at Barrow Neurological Institute. His expertise includes the pre- and post-operative care of patients with disorders of the ear, nose, throat, and skull base. Mr. Gronberg earned his Bachelor of Clinical Health Services degree from the MEDEX Northwest Physician Assistant Program at the University of Washington School of Medicine in Seattle.