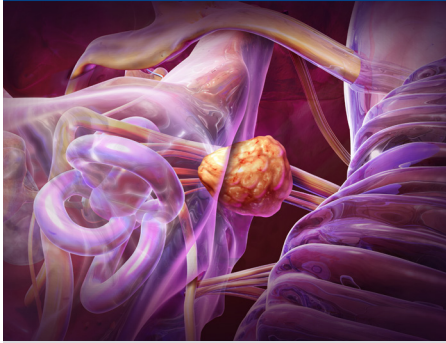


Department of ENT and Skull Base Surgery



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

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, sinonasal 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, multidisciplinary 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
 - Multidisciplinary Team Therapies
 - Ototoxicity
 - Orbital/Skull Base Malignancy
 - Lymphadenopathy
 - Skin Cancers (Basal Cell Carcinoma, Squamous Cell Carcinoma, Melanomas)
- Temporal Bone Cancers
- Mucosal Melanoma
- Free Flap Reconstruction
- Voice, Swallowing, and Airway
 - 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 a neurotologist 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.



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.



Samuel R. Barber, MD

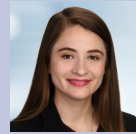
Samuel R. Barber, MD, is an otolaryngologist and a neurotologist at Barrow Neurological Institute. His expertise lies in the medical and surgical management of all types of hearing and vestibular disorders. This includes the treatment of acoustic neuromas and other skull base tumors, cholesteatomas, and inflammatory conditions of the ear. Dr. Barber also specializes in the surgical implantation of advanced hearing technologies, including cochlear implants, auditory brainstem implants, and bone-anchored hearing devices. Dr. Barber earned his Medical

Degree with Research Honors from Tufts University School of Medicine in Boston, Massachusetts. He completed his residency in otolaryngology-head and neck surgery at the University of Arizona College of Medicine in Tucson and a fellowship in neurotology at Louisiana State University Health Sciences Center in New Orleans.

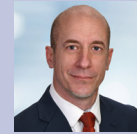


Deborah X. Xie, MD

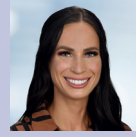
Deborah X. Xie, MD, is a head and neck cancer surgeon at Barrow Neurological Institute. She specializes in the surgical treatment of head and neck cancers, transoral robotic surgery, thyroid and parathyroid surgery, open skull base surgery, microvascular reconstructive surgery of the head and neck, facial reanimation surgery, and hypoglossal nerve stimulation implant surgery for obstructive sleep apnea. Dr. Xie earned her medical degree from Vanderbilt University School of Medicine in Nashville, Tennessee. She completed her otolaryngology-head and neck surgery residency at Johns Hopkins Hospital in Baltimore, Maryland and a fellowship in head and neck surgical oncology/microvascular reconstructive surgery at Indiana University in Indianapolis.



Nancy Flores, AuD, CCC-A



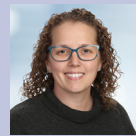
William Gronberg, PA-C



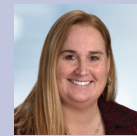
Marine Prevost, AuD, CCC-A



Alivia M. Iorio, PA-C



Ashley Randall, AuD, CCC-A



Jennifer Jallo, PA-C



Claudia C. Cardenas, PA-C