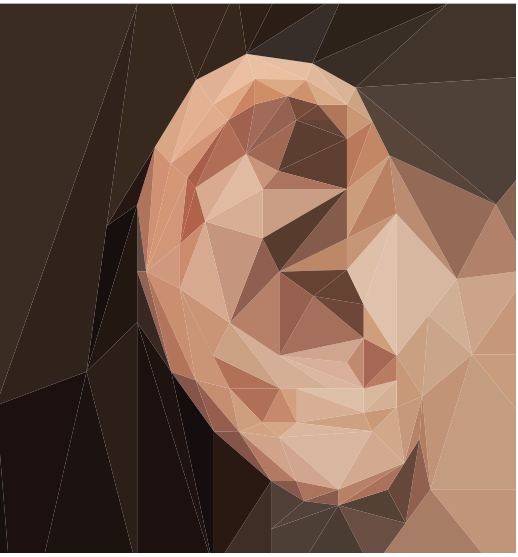
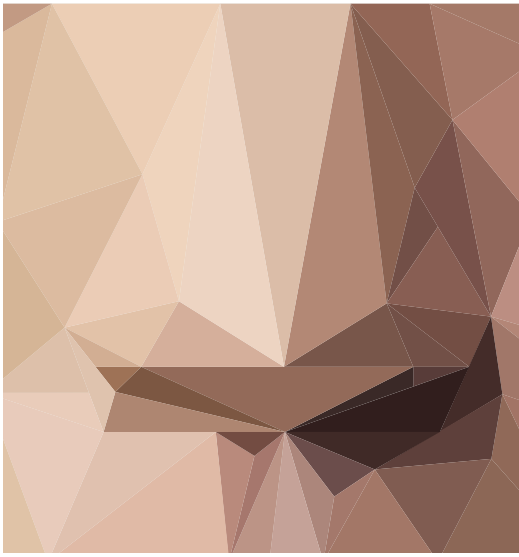
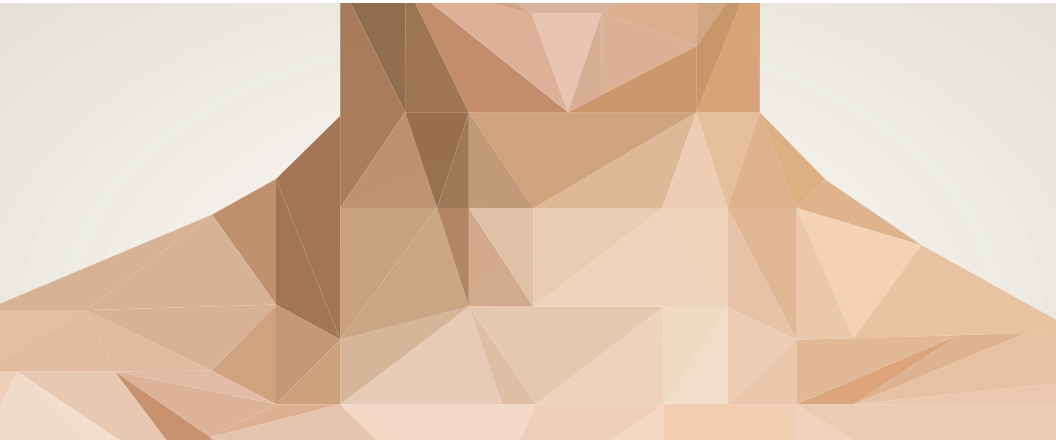
Otolaryngology

HEAD & NECK SURGERY







Stanford
HEALTH CARE

Adult Clinical Programs

STANFORD DEPARTMENT OF OTOLARYNGOLOGY – HEAD & NECK SURGERY

HEAD AND NECK SURGERY

900 Blake Wilbur Dr, 3rd Fl
Palo Alto, CA 94304

Appointments
650.498.6000

Faculty
Vasu Divi, MD
Chris Holsinger, MD
Michael J. Kaplan, MD
Lisa A. Orloff, MD, FACS, FACE
Eben Rosenthal, MD
Davud Sirjani, MD, FACS
Heather Starmer, MA, CCC-SLP, BCS-S
John B. Sunwoo, MD

Stanford Head and Neck Surgery provides state-of the art comprehensive evaluation and surgical treatment for benign and malignant tumors of the head & neck and skull base, a renowned endocrine surgery program, and comprehensive speech and swallowing rehabilitation.

Conditions Treated

- Thyroid and parathyroid tumors
- Tumors of the pharynx, larynx, nose, and paranasal sinuses
- Melanoma and skin cancers of the head, neck and face

The Program Provides

- Thyroid and parathyroid surgery, minimally invasive parathyroidectomy and rapid intraoperative PTH assay
- Microvascular reconstructive surgery with computer-assisted design for advanced reconstruction, a specialized program for osteoradionecrosis and 3D-printed implants for patient specific reconstruction
- Minimally invasive surgery of the throat including Transoral Robotic Surgery, Robotic Head and Neck Surgery and Transoral Laser Microsurgery
- Sialoendoscopy and advanced surgical techniques for salivary gland tumors
- Sentinel lymph node biopsies
- Speech and Swallowing Rehabilitation Program offering comprehensive rehabilitative services
- Multidisciplinary Thyroid Tumor Board
- Office-based ultrasonography and guided procedures

LARYNGOLOGY (VOICE AND SWALLOWING)

801 Welch Rd
Stanford, CA 94305
tel: 650.723.5281

Faculty

Edward J. Damrose, MD, FACS
C. Kwang Sung, MD, MS
Elizabeth Erickson-DiRenzo, PhD, CCC-SLP
Ann Kearney, MA, CCC-SLP

The **Stanford Voice and Swallowing Center** specializes in laryngeal, esophageal and airway surgery, including the surgical management of hoarseness, aspiration, and swallowing disorders.

The Program Provides

- Surgical management of cricopharyngeal spasm and Zenker's diverticulum
- Botox and surgical therapy for spasmodic dysphonia
- Airway reconstruction, including tracheal and cricotracheal resection
- Endoscopic management of laryngeal cancer and benign laryngeal lesions
- Partial and total laryngectomy
- Voice restoration procedures for the total laryngectomy patient
- In-office laser treatment of benign laryngeal lesions
- Phonosurgery for vocal fold nodules, cysts, polyps
- Voice restoration for vocal fold paralysis, including in-office injection laryngoplasty, reinnervation, thyroplasty and arytenoid adduction
- Trans-oral robotic surgery of the larynx
- Voice and swallowing therapy
- Respiratory retraining for chronic cough, laryngospasm and paradoxical vocal fold motion

RHINOLOGY (NOSE AND SINUS)

801 Welch Rd, 1st Fl
Stanford, CA 94305

Appointments
650.732.5281

Faculty
Peter H. Hwang, MD
Jayakar V. Nayak, MD, PhD
Zara M. Patel, MD

The **Stanford Sinus Center** offers comprehensive medical and surgical care for disorders of the nose, paranasal sinuses and skull base.

Conditions Treated

- Acute and chronic sinusitis, nasal polyposis, deviated nasal septum, nasal obstruction, nasal autoimmune disease, chronic nosebleeds, and sinonasal benign and malignant tumors

The Sinus Center Provides

- Computer-guided, transnasal endoscopic sinus surgery to address the range of sinus pathology, from new surgical cases to complicated, tertiary-care sinus concerns
- Interdisciplinary minimally invasive approaches with experienced neurosurgeons and ophthalmologists to endoscopically treat tumors of the pituitary gland, brain, skull base, olfactory nerve, orbit, and optic nerve
- Research protocols exploring mucosal function and healing, intranasal therapeutics, mucosal stem cell biology, and olfaction

COCHLEAR IMPLANT CENTER (ADULTS AND CHILDREN)

2452 Watson Ct, Ste 1700
Palo Alto, CA 94303
tel: 650.736.4351

Faculty
Nikolas Blevins, MD
Kay Chang, MD
Alan G. Cheng, MD
Matthew Fitzgerald, PhD
John S. Oghalai, MD

The **Stanford Cochlear Implant Center** specializes in hearing restoration for the deaf with the latest digital, multichannel devices

- Evaluation, counseling, surgery, and post-implant rehabilitation

COMPREHENSIVE OTOLARYNGOLOGY

801 Welch Rd, 1st Fl
Stanford, CA 94305
tel: 650.723.5281
fax: 650.725.6685

Appointments
650.723.5281

Faculty
Jennifer Y. Lee, MD
Uchechukwu Megwalu, MD, MPH

The Division of **Comprehensive Otolaryngology** provides surgical expertise in a wide range of diseases involving the ears, nose and throat.

We provide coordinated care involving multi-systems in the ears, nose and throat. Active research in clinical outcomes are integrated into practice to improve quality of care.

Conditions treated

- Nasal obstruction from nasal polyps or deviated septum
- Mouth or tongue lesions or masses for in-office biopsy
- Ear fullness or clogged sensation from Eustachian tube dysfunctions
- Nasal obstruction with sleep apnea
- Neck masses involving facial masses, lymph nodes, or glands
- Recurrent or chronic sinusitis
- Post nasal discharge
- Recurrent throat infections
- Ear discharge or infections
- Sudden hearing loss

ADULT AUDIOLOGY (HEARING, HEARING DEVICES AND BALANCE DISORDERS)

2452 Watson Ct, Ste 1700
Palo Alto, CA 94303
tel: 650.736.4351

Faculty
Matthew Fitzgerald, PhD
Gerald R. Popelka, PhD

The **Adult Audiology** program provides comprehensive diagnostic evaluation of the auditory and vestibular systems, including:

- Rehabilitation and counseling for hearing loss and balance-related problems
- Fits and services all advanced digital hearing aids at our **Advanced Hearing Device Center**
- Assistive listening and alerting devices

CRANIAL BASE CENTER

801 Welch Rd
Stanford, CA 94305
tel: 650.723.5281

Faculty

Anterior & Central Cranial Base
Peter H. Hwang, MD
Michael J. Kaplan, MD
Jayakar V. Nayak, MD, PhD
Zara M. Patel, MD

Posterior Cranial Base
Nikolas Blevins, MD
Robert K. Jackler, MD
John S. Oghalai, MD

The **Cranial Base Center** provides multidisciplinary management of a wide variety of skull base neoplasms, including:

- Anterior and central skull base: Nasal and sinus roof, sphenoid, orbital apex, clivus
- Posterolateral skull base: Meckel's cave, cerebellopontine angle, jugular foramen
- Management of cranial base trauma and CSF leak
- Treatment of tumors, such as Sinonasal malignancies, meningioma, schwannoma, esthesioneuroblastoma, paragangliomas, nasopharyngeal carcinoma, chordoma, chondrosarcoma

FACIAL PLASTIC AND RECONSTRUCTIVE SURGERY

801 Welch Rd
Stanford, CA 94305
tel: 650.736.3223

Faculty

Sam P. Most, MD, FACS

The **Facial Plastic and Reconstructive Surgery Program** offers the full spectrum of cosmetic procedures to enhance appearance of the face and neck, including:

- Aesthetic surgery of the nose (rhinoplasty) and complicated revision, including rib grafting
- Treatment of the aging face, such as facelift, eye rejuvenation, endoscopic midface or forehead lifting
- Treatment of the complicated nasal airway (functional rhinoplasty)
- Surgical correction of facial nerve injuries
- Restoration of facial contour after injury
- Special emphasis is placed upon minimally invasive approaches such as endoscopic surgery. Botox, injection of fillers, and use of fractionated lasers and IPL therapy.

SLEEP AND SNORING SURGERY

450 Broadway St
Pavilion B, 2nd Fl (B21)
Redwood City, CA 94063

Appointments
650.723.5281

Faculty
Robson Capasso, MD, FAASM
Stanley Yung Liu, MD, DDS
Robert Riley, MD, DDS

The Division of **Sleep Surgery** specializes in the evaluation and treatment of obstructive sleep apnea and snoring in adults, offering all available options for the surgical correction of these conditions:

- Nasal obstruction, commonly associated with sleep apnea and snoring, from minimally invasive, in office procedures to complex nasal airway reconstruction.
- Widening and stabilization of the palate
- Maxillary skeletal expansion in adolescents and adults with high arched or narrowed hard/bony palate
- Robotically assisted trans-oral tongue base reduction in select cases when the tongue is involved in upper airway blockage
- Upper airway stimulation—A novel, minimally invasive method to decrease upper airway collapse
- Maxillomandibular advancement—Advancement and rotation of jaw bones can stabilize the airway, while maintaining or improving dental occlusion facial harmony

OTOLOGY AND NEUROTOLOGY (EAR)

2452 Watson Ct, Ste 1700
Palo Alto, CA 94303
tel: 650.723.5281

Adult Appointments
650.723.5281

Pediatric Appointments
650.724.4800

Faculty
Nikolas Blevins, MD
Robert K. Jackler, MD
John S. Oghalai, MD

The **Stanford Ear Institute** specializes in complex ear problems, hearing loss, vertigo, tinnitus with a focus on:

- Cholesteatoma and chronic otitis media
- Stapes surgery for otosclerosis
- Acoustic neuroma and skull base surgery
- Tumors of the ear and temporal bone
- Implantable devices (cochlear implant and bone anchored hearing aids)
- Facial nerve disorders

Pediatric Clinical Programs

Pediatric Otolaryngology/
Head and Neck Surgery (ENT)
Appointments: 650.724.4800
Fax: 650.498.2734

Stanford Ear Institute
2452 Watson Ct, Ste 1500
Palo Alto, CA 94303

Specialty Services — Los Gatos
14601 S Bascom Ave, Ste 200
Los Gatos, CA 95032

Lucile Packard
Children's Hospital Stanford
Mary L. Johnson Specialty Services
730 Welch Rd, 1st Fl
Palo Alto, CA 94304

Stanford Children's Health

Faculty
Kay Chang, MD
Alan G. Cheng, MD
Peter J. Koltai, MD
Anna H. Messner, MD
Douglas Sidell, MD
Mai Thy Truong, MD

Pediatric Otolaryngology/Head and Neck Surgery (ENT)

Comprehensive diagnosis and management of ear, nose, and throat disorders in infants and children.

AIRWAY PROBLEMS

- Airway obstruction and stridor
- Sleep apnea and snoring
- Voice and swallowing problems
- Removal of foreign bodies
- Microsurgery of larynx, including laser surgery for papillomas
- Tracheotomy and Laryngotracheal reconstruction

HEAD AND NECK SURGERY

- Comprehensive management of benign and malignant pediatric tumors of the head & neck
- Congenital malformations such as branchial cleft and thyroglossal duct cysts
- Surgery for velopharyngeal insufficiency

RHINOLOGY (NOSE AND SINUSES)

- Functional endoscopic sinus surgery in children
- Sinus complications of cystic fibrosis
- Septoplasty and turbinate surgery in children
- Excision/repair of congenital midline nasal masses

OTOLOGY (EAR)

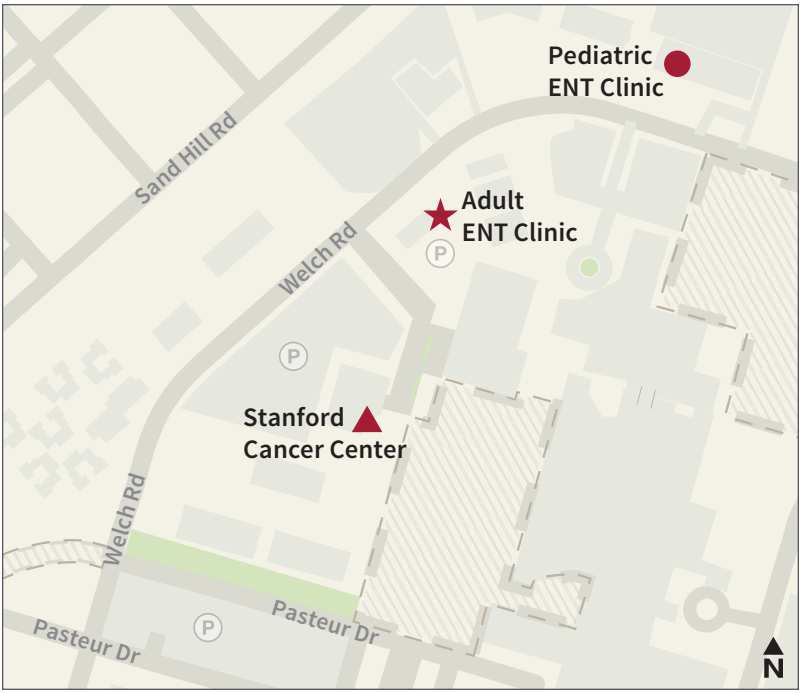
- Hearing loss and deafness
- Chronic ear infections
- Chronic ear surgery (tympanoplasty, tympano-mastoidectomy, ossicular chain reconstruction)
- Bone anchored hearing aids (BAHA)
- Repair of congenital ear canal atresia; Microtia reconstruction with rib cartilage

PEDIATRIC AUDIOLOGY (HEARING TESTING)

- Comprehensive diagnostic and rehabilitative services
- Hearing aids in infants and children
- Newborn Screening Program for hearing

PEDIATRIC COCHLEAR IMPLANT CENTER

- Hearing restoration for the deaf with the latest digital, multichannel devices at **The Children's Hearing Center at Lucile Packard Children's Hospital Stanford**
- Evaluation, counseling, surgery, and post-implant rehabilitation



★ **Adult ENT Clinic** (except Otology) • **801 Welch Road • Stanford, CA 94305**
Limited free parking is available.

● **Pediatric ENT Clinic • 730 Welch Road • Palo Alto, CA 94304**
Park at LPCH patient parking behind building.

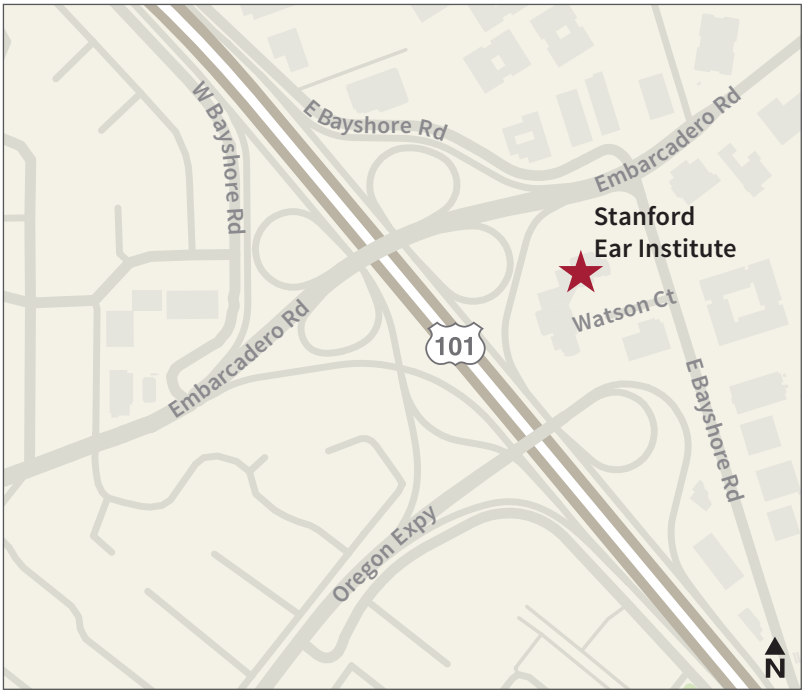
▲ **Stanford Cancer Center • 900 Blake Wilbur Drive • Palo Alto, CA 94304**
Turn onto Pasteur Drive, left on Blake Wilbur Drive. Please park in SHC patient parking adjacent to the Cancer Center.

Directions from US 101

Take the University Avenue exit west (toward Palo Alto/Stanford). As you enter the gates to Stanford, University Avenue changes names to Palm Drive. Continue on Palm Drive to Arboretum Road, at the traffic light, turn **right** on Arboretum Road. At the next light, turn **left** on Quarry Road. Turn **right** from Quarry Road onto Welch Road.

Directions from Interstate 280

Take the Sand Hill Road exit to the east (toward Palo Alto/Stanford). Turn **right** on Pasteur Drive. Turn **left** onto Welch Road, follow it around the curve, Otolaryngology – Head & Neck Surgery is on the **right** at 801 Welch Road. Limited free parking is available for patients behind the building.



Adult & Pediatric Otology and Audiology Services
2452 Watson Court, Suite 1500 & 1700 • Palo Alto, CA 94303

From Highway 101 North
Exit Embarcadero Road/Oregon Expressway. While exiting initially bear left at the fork, and follow the signs for Embarcadero Road East. Continue onto Embarcadero Road. Turn right onto East Bayshore Road. Take your second right onto Watson Court. 2452 Watson Court will be on your right.

From Highway 101 South
Exit Embarcadero Road. While exiting initially bear left at the fork, and follow the signs for Embarcadero Road East. Turn right onto East Bayshore Road. Take your second right onto Watson Court. 2452 Watson Court will be on your right.

From Highway 280 Northbound or Southbound
Exit Page Mill Road. Head east on Page Mill Road towards Palo Alto. After El Camino Real, bear left and continue onto Oregon Expressway. When you reach Highway 101, bear left towards Highway 101 / San Francisco. You will enter and immediately exit Highway 101, follow the signs for Embarcadero Road East. Go over Highway 101, follow the entrance/exit ramp and immediately exit onto Embarcadero Road East. Turn right onto East Bayshore Road. Take your second right onto Watson Court. 2452 Watson Court will be on your right.

Maps & Directions

Stanford Children's Health,
Specialty Services — Los Gatos
14601 S Bascom Ave, Ste 200
Los Gatos, CA 95032

Maps & Directions

Sleep Surgery Clinic
Stanford Medicine Outpatient Center
450 Broadway St
Pavilion B, 2nd Fl (B21)
Redwood City, CA 94063

STANFORD EAR INSTITUTE

2452 Watson Ct • Palo Alto, CA 94303

Adults • Ste 1700

tel: 650.723.5281
fax: 650.725.6685

Pediatrics • Ste 1500

tel: 650.498.4327
fax: 650.498.2734

ADULT ENT CLINIC

801 Welch Rd
Stanford, CA 94305

tel: 650.723.5281
fax: 650.725.6685

PEDIATRIC ENT CLINIC

730 Welch Rd
Palo Alto, CA 94304

tel: 650.724.4800
fax: 650.498.2734

AUDIOLOGY/HEARING DEVICES

2452 Watson Ct, Ste 1700
Palo Alto, CA 94303

801 Welch Rd
Stanford, CA 94305

tel: 650.736.4351
fax: 650.725.6685

SLEEP SURGERY CLINIC

Stanford Medicine Outpatient Center
450 Broadway St
Pavilion B, 2nd Fl (B21)
Redwood City, CA 94063

tel: 650.723.5281
fax: 650.725.6685

STANFORD CHILDREN'S HEALTH, SPECIALTY SERVICES — LOS GATOS

14601 S Bascom Ave, Ste 200
Los Gatos, CA 95032
tel: 408.356.0911
fax: 408.356.7140

STANFORD CANCER CENTER

900 Blake Wilbur Dr
Palo Alto, CA 94304

tel: 650.498.6000
fax: 650.723.6956

STANFORD FACIAL PLASTIC SURGERY

801 Welch Rd
Stanford, CA 94305

tel: 650.736.3223 (736FACE)
fax: 650.725.6685