



C. Kwang Sung

Assistant Professor of Otolaryngology - Head and Neck Surgery (Laryngology) at the Stanford University Medical Center

Otolaryngology - Head & Neck Surgery Divisions

CLINICAL OFFICES

- **Stanford Dept of Otolaryngology, Head and Neck Surgery**

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

Dr. Sung is a laryngologist in the Department of Otolaryngology - Head & Neck Surgery who specializes in voice, swallowing and airway disorders.

Dr. Sung graduated from Harvey Mudd College in Claremont, CA with a bachelor's of science degree in chemistry with a minor in music. He earned a master's of science degree in organic chemistry from the University of Pennsylvania. He attended the State University of New York – Downstate Medical Center and obtained his MD in 2004.

He completed his internship in general surgery at Mt. Sinai School of Medicine in New York City in 2005. He continued at Mt. Sinai to finish his residency in otolaryngology – head & neck surgery in 2009. Following residency, he completed a fellowship in laryngology at Harvard Medical School – Massachusetts Eye and Ear Infirmary with Ramon A. Franco, Jr., MD in 2010.

In addition to his medical training, Dr. Sung worked extensively as a professional singer and actor for several years. He attended drama academy in New York City and performed in productions off-Broadway, in regional theaters, and in national and international tours. He has also performed with the Stanford University Symphonic Choir.

Dr. Sung joined the Stanford faculty in 2010 as Assistant Professor. He is also a staff physician at the Veteran's Administration Palo Alto Health Care System.

His clinical interests include the care of professional voice users; phonosurgery; treatment of vocal fold paralysis with laryngeal framework surgery and injection techniques; diagnosis and Botox treatment of spasmodic dysphonia; office-based laser surgery; treatment of recurrent laryngeal papilloma; treatment of essential laryngeal tremor; and treatment of laryngeal cancer.

CLINICAL FOCUS

- Otolaryngology
- Laryngology
- Voice Disorders
- Hoarseness
- Singers
- Vocal Cord Paralysis
- Spasmodic Dysphonia
- Laryngeal Cancer
- Laryngeal Laser Therapy
- Swallowing Disorders
- Airway Disorders

ACADEMIC APPOINTMENTS

- Assistant Professor - Med Center Line, Otolaryngology - Head & Neck Surgery Divisions

ADMINISTRATIVE APPOINTMENTS

- Residency Program Director, Stanford University School of Medicine, Dept. of Otolaryngology - Head & Neck Surgery, (2019- present)
- Director of Otolaryngology Medical Student Clerkship, Stanford University School of Medicine, Dept. of Otolaryngology - Head & Neck Surgery, (2011-2017)
- Medical Student Admissions Reviewer, Stanford University School of Medicine, (2012-2013)
- Laryngology & Bronchoesophagology Education Committee, American Academy of Otolaryngology – Head and Neck Surgery, (2011-2017)
- Home Study Course Laryngology & Bronchoesophagology Working Group, American Academy of Otolaryngology – Head and Neck Surgery, (2011-2017)
- Course Director of Otolaryngology - Head & Neck Surgery Grand Rounds, Stanford University School of Medicine, Dept. of Otolaryngology, (2011-2015)

HONORS AND AWARDS

- J. Arthur Campbell Award for Chemistry, Harvey Mudd College (1989)
- Phi Lambda Upsilon, University of Pennsylvania (1989)
- Outstanding Teaching Award, Department of Chemistry, University of Pennsylvania (1990)
- Alpha Omega Alpha, SUNY Downstate Medical Center (2003)
- Award for Outstanding Academic Achievement, Department of Otolaryngology, SUNY Downstate Medical Center (2004)
- Magna Cum Laude, SUNY Downstate Medical Center (2004)
- Third Prize, Metropolitan New York Resident Research Day Symposium (2007)
- Travel Award, Triological Society (2007, 2009)
- First Prize Proffered Paper Session, New York Head and Neck Society (2008)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Academy of Otolaryngology - Head & Neck Surgery (2005 - present)
- Diplomate, American Board of Otolaryngology (2010 - present)
- Member, American Broncho-Esophagological Association (ABEA) (2013 - present)

PROFESSIONAL EDUCATION

- Internship: Icahn School of Medicine at Mount Sinai Registrar (2005) NY
- Fellowship: Massachusetts Eye and Ear Infirmary Ophthalmic Training (2010) MA
- Medical Education: SUNY Downstate School of Medicine Registrar (2004) NY
- Residency: Mt Sinai School of Medicine (2009) NY
- Board Certification: Otolaryngology, American Board of Otolaryngology (2010)
- Board Certification, American Board of Otolaryngology , Otolaryngology (2010)
- Fellowship, Harvard Medical School - Massachusetts Eye & Ear Infirmary , Laryngology (2010)

- Residency, Mt. Sinai School of Medicine , Otolaryngology (2009)
- Internship, Mt. Sinai School of Medicine , General Surgery (2005)
- MD, State University of New York - Downstate Medical Center , Medicine (2004)
- MS, University of Pennsylvania , Organic Chemistry (1992)
- BS, Harvey Mudd College , Chemistry (1989)

LINKS

- Stanford Voice & Swallowing Center: <https://stanfordhealthcare.org/medical-clinics/voice-swallowing-center.html>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

- Development of office-based laryngeal surgical methods and instrumentation.
- Clinical outcomes after treatment of glottic insufficiency.
- Clinical outcomes after treatment of benign vocal fold pathology.
- Medical student and resident training curriculum development.

Teaching

COURSES

2018-19

- Introduction to Otolaryngology-Head and Neck Surgery: OTOHNS 200 (Win)

Publications

PUBLICATIONS

- **Outcomes in modified transoral resection of diverticula for Zenker's diverticulum.** *European archives of oto-rhino-laryngology : official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS) : affiliated with the German Society for Oto-Rhino-Laryngology - Head and Neck Surgery*
Junlapan, A., Abu-Ghanem, S., Sung, C. K., Damrose, E. J.
2019
- **The Clinical Course of Idiopathic Bilateral Vocal Fold Motion Impairment in Adults: Case Series and Review of the Literature.** *Journal of voice : official journal of the Voice Foundation*
Abu Ghanem, S., Junlapan, A., Tsai, S. W., Shih, L., Sung, C., Damrose, E. J.
2018
- **Early Injection Laryngoplasty After Surgery: 30 Cases and Proposed Aspiration Assessment Protocol.** *Journal of voice : official journal of the Voice Foundation*
Abu-Ghanem, S., Rudy, S., Deane, S., Tsai, S. W., Shih, L., Damrose, E. J., Sung, C.
2018
- **Improvement in the Reflux Symptom Index Following Surgery for Cricopharyngeal Dysfunction** *JOURNAL OF VOICE*
Jiang, N., Sung, C. K., Damrose, E. J.
2017; 31 (1): 86-89
- **Surgical Management of Supraglottic Stenosis Using Intubationless Optiflow.** *The Annals of otology, rhinology, and laryngology*
Tam, K., Jeffery, C., Sung, C. K.
2017; 126 (9): 669-72
- **Phonicrosurgery simulation: A low-cost teaching model using easily accessible materials.** *Laryngoscope*
Zambricki, E. A., Bergeron, J. L., DiRenzo, E. E., Sung, C. K.

2016; 126 (11): 2528-2533

- **Consultation via telemedicine and access to operative care for patients with head and neck cancer in a Veterans Health Administration population** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*
Beswick, D. M., Vashi, A., Song, Y., Pham, R., Holsinger, F. C., Rayl, J. D., Walker, B., Chardos, J., Yuan, A., Benadam-Lenrow, E., Davis, D., Sung, C. K., Divi, et al
2016; 38 (6): 925-929
- **Tracheal Stenosis Because of Wegener Granulomatosis Misdiagnosed as Asthma. A & A case reports**
O'Hear, K. E., Ingrande, J., Brodsky, J. B., Morton, J. M., Sung, C.
2016; 6 (10): 311-312
- **Symptomatic Anterior Cervical Osteophyte Causing Dysphagia: Case Report, Imaging, and Review of the Literature.** *Cureus*
Chen, Y., Sung, K., Tharin, S.
2016; 8 (2)
- **Deep brain stimulation for vocal tremor: a comprehensive, multidisciplinary methodology** *NEUROSURGICAL FOCUS*
Ho, A. L., Erickson-DiRenzo, E., Pendharkar, A. V., Sung, C., Halpern, C. H.
2015; 38 (6)
- **Deep Brain Stimulation for Essential Vocal Tremor: A Technical Report.** *Cureus*
Ho, A. L., Choudhri, O., Sung, C. K., DiRenzo, E. E., Halpern, C. H.
2015; 7 (3)
- **Endoscopic suture retriever for endolaryngeal keel placement in treatment of anterior glottic webs.** *The Annals of otology, rhinology, and laryngology*
Beswick, D. M., Clark, A. K., Bergeron, J., Sung, C. K.
2015; 124 (3): 240-243
- **Single-Operator Flexible Nasolaryngoscopy-Guided Transthyroid Vocal Fold Injections** *Meeting of the American-Broncho-Esophagological-Association*
Sung, C. K., Tsao, G. J.
ANNALS PUBL CO.2013: 9-14
- **Office-Based Laser Laryngeal Surgery** *Op Tech in Otolaryngol*
Sung CK
2012; 23 (2): 102-105
- **Management of Recurrent Laryngeal Nerve Paralysis** *Surgery of the Thyroid and Parathyroid Glands*
Sung CK, Franco RA Jr.
2011
- **Airway and respiratory complications: Tracheal Stenosis** *Spinal Cord Injury: Rehabilitation Medicine Quick Reference*
Altman KW, Sung CK
2010
- **Airway and respiratory interventions: Tracheostomies.** *Spinal Cord Injury: Rehabilitation Medicine Quick Reference*
Altman KW, Sung CK
2010
- **TRANSORAL ROBOTIC SURGERY FOR THE MANAGEMENT OF HEAD AND NECK CANCER: A PRELIMINARY EXPERIENCE** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*
Genden, E. M., Desai, S., Sung, C.
2009; 31 (3): 283-289
- **Transoral robotic assisted free flap reconstruction** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
Mukhija, V. K., Sung, C., Desai, S. C., Wanna, G., Genden, E. M.
2009; 140 (1): 124-125
- **Transoral Robotic Surgery Using a Carbon Dioxide Flexible Laser for Tumors of the Upper Aerodigestive Tract** *LARYNGOSCOPE*
Desai, S. C., Sung, C., Jang, D. W., Genden, E. M.
2008; 118 (12): 2187-2189

- **Transoral Robotic Surgery Using an Image Guidance System** *LARYNGOSCOPE*
Desai, S. C., Sung, C., Genden, E. M.
2008; 118 (11): 2003-2005
- **The administration of IL-12/GM-CSF and Ig-4-1BB ligand markedly decreases murine floor of mouth squamous cell cancer** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
Adappa, N. D., Sung, C., Choi, B., Huang, T., Genden, E. M., Shin, E. J.
2008; 139 (3): 442-448
- **Combined VSV Oncolytic Virus and Chemotherapy for Squamous Cell Carcinoma** *110th Annual Meeting of the Triological-Society*
Sung, C., Choi, B., Wanna, G., Genden, E. M., Woo, S. L., Shin, E. J.
WILEY-BLACKWELL.2008: 237-42