

Stanford



Jake J. Lee, MD

Clinical Assistant Professor, Otolaryngology (Head and Neck Surgery)

CLINICAL OFFICE (PRIMARY)

- **Head and Neck Cancer Program**

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Bio

BIO

Dr. Lee is a fellowship-trained head and neck surgical oncologist with Stanford Medicine Cancer Center's Head and Neck Cancer Program. He is also a clinical assistant professor in the Department of Otolaryngology—Head & Neck Surgery at Stanford University School of Medicine.

He treats benign and malignant tumors of the head and neck, including oral cancer, tonsil cancer, throat cancer, and thyroid cancer. As a result of his fellowship training, he also specializes in minimally invasive transoral surgery, organ preserving laryngeal surgery, and microvascular free flap reconstruction. Microvascular free flap reconstruction involves moving a piece of tissue, with blood vessels included, to a different part of the body to preserve function after cancer therapy.

Dr. Lee's research interests include assessment of head and neck cancer treatment outcomes and development of patient-reported outcome measures (PROMs) in order to optimize form and function. He has also studied new therapies for smell and taste loss, including the design and implementation of randomized controlled trials (RCTs).

He has published in several peer-reviewed journals, including JAMA Otolaryngology—Head & Neck Surgery, Head & Neck, Otolaryngology—Head and Neck Surgery, and Laryngoscope. He has presented to his peers at international, national, and regional meetings, including the annual meetings of the American Head and Neck Society (AHNS), American Rhinologic Society (ARS), and the American Academy of Otolaryngology—Head & Neck Surgery (AAO-HNS).

Dr. Lee is a member of the AHNS, AAO-HNS, and Triological Society. He has previously served as the chair of the AAO-HNS Foundation Section for Residents and Fellows-in-Training.

CLINICAL FOCUS

- Otolaryngology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Otolaryngology (Head and Neck Surgery)

HONORS AND AWARDS

- William K. Sieber, MD, Award for Excellence in Pediatric Surgery, University of Pittsburgh Medical Center
- Resident Research CORE Grant, American Rhinologic Society
- Resident Leadership Travel Grant, American Academy of Otolaryngology—Head & Neck Surgery (AAO-HNS)
- Resident Bowl Competition Finalist, Triological Society 2019 Combined Sections Meeting
- Poster Award (Second Place), Triological Society 2016 Combined Sections Meeting
- Otolaryngology—Head and Neck Surgery Resident Teaching Award, Washington University School of Medicine in St. Louis
- Michael Paparella Research Award—Second Place Clinical, Washington University School of Medicine in St. Louis
- Dr. Tryphena Humphrey Student Award in Neurology, University of Pittsburgh Medical Center Department of Neurology
- Dean's Summer Research Project Grant, University of Pittsburgh School of Medicine
- Alpha Omega Alpha Honor Medical Society, University of Pittsburgh School of Medicine

PROFESSIONAL EDUCATION

- Fellowship: University of Pennsylvania Head and Neck Oncology and Microvascular Recontrusctruction (2024) PA
- Residency: Washington University School of Medicine Otolaryngology Program (2023) MO
- Medical Education: University of Pittsburgh School of Medicine (2016) PA

Publications

PUBLICATIONS

- **Quality of Life for Patients with Sporadic Small Vestibular Schwannomas Following Middle Fossa Craniotomy.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otolology and Neurotology*
Jiramongkolchai, P., Vacaru, A., La Monte, O., Lee, J., Schwartz, M. S., Friedman, R. A.
2024; 45 (6): 684-689
- **Airway protection and outcomes after staged versus concurrent bilateral neck dissections with transoral base of tongue cancer resection** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*
Lee, J. J., Rapoport, N. A., Pipkorn, P., Puram, S. V., Jackson, R. S.
2024; 46 (5): 1020-1027
- **Neighborhood socioeconomic status and race are associated with incidence disparities in oral cavity cancers.** *Oral oncology*
Ramadan, S., Lee, J. J., Wang, R., Jackson, R. S., Pipkorn, P., Rich, J., Harbison, R. A., Zolkind, P., Kang, S. Y., Puram, S. V., Mazul, A. L.
2023; 147: 106607
- **Development and Psychometric Validation of the Olfactory Dysfunction Outcomes Rating** *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*
Lee, J. J., Mahadev, A., Kallogjeri, D., Peterson, A. M., Gupta, S., Khan, A. M., Jiramongkolchai, P., Schneider, J. S., Piccirillo, J. F.
2022; 148 (12): 1132-1138
- **Natural trajectory of recovery of COVID-19 associated olfactory loss** *AMERICAN JOURNAL OF OTOLARYNGOLOGY*
Khan, A. M., Lee, J., Rammaha, T., Gupta, S., Smith, H., Kannampallil, T., Farrell, N., Kallogjeri, D., Piccirillo, J. F.
2022; 43 (5): 103572
- **Efficacy and Safety of Saline Nasal Irrigation Plus Theophylline for Treatment of COVID-19-Related Olfactory Dysfunction The SCENT2 Phase 2 Randomized Clinical Trial** *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*
Gupta, S., Lee, J. J., Perrin, A., Khan, A., Smith, H. J., Farrell, N., Kallogjeri, D., Piccirillo, J. F.
2022; 148 (9): 830-837
- **Safety of High-Dose Nasal Theophylline Irrigation in the Treatment of Postviral Olfactory Dysfunction: a Dose-Escalation Study** *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*
Lee, J. J., Gupta, S., Kallogjeri, D., Piccirillo, J. F.
2022; 148 (9): 885-886

- **Risk Factors for Functional Outcomes in Advanced Laryngeal Squamous Cell Carcinoma** *LARYNGOSCOPE*
Lee, D. S., Lee, J. J., Sinha, P., Puram, S. V., Jackson, R. S., Adkins, D. R., Oppelt, P., Brennehan, R., Thorstad, W. L., Pipkorn, P.
2023; 133 (3): 594-600
- **Infection Control With Topical Antimicrobial Prophylaxis for Mucosal Head and Neck Surgery: A Meta-analysis** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
Lee, J. J., Chibueze, S., Walia, A., Yaeger, L. H., Zenga, J., Puram, S. V., Jackson, R. S., Pipkorn, P.
2023; 168 (3): 261-268
- **Eight Tales of Cervical Necrotizing Fasciitis and Free Tissue Transfer** *ANNALS OF OTOLARYNGOLOGY AND LARYNGOLOGY*
Rapoport, N. A., Lee, D. S., Lee, J. J., Puram, S., Jackson, R. S., Pipkorn, P.
2023; 132 (2): 226-232
- **Smell Changes and Efficacy of Nasal Theophylline (SCENT) irrigation: A randomized controlled trial for treatment of post-viral olfactory dysfunction** *AMERICAN JOURNAL OF OTOLARYNGOLOGY*
Lee, J. J., Peterson, A. M., Kallogjeri, D., Jiramongkolchai, P., Kukuljan, S., Schneider, J. S., Klatt-Cromwell, C. N., Drescher, A. J., Brunworth, J. D., Piccirillo, J. F.
2022; 43 (2): 103299
- **Development and Validation of a Novel At-home Smell Assessment** *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*
Gupta, S., Kallogjeri, D., Farrell, N. F., Lee, J. J., Smith, H. J., Khan, A. M., Piccirillo, J. F.
2022; 148 (3): 252-258
- **Chronic rhinosinusitis as a risk factor for intracranial and extracranial complications after endoscopic transsphenoidal surgery** *AMERICAN JOURNAL OF OTOLARYNGOLOGY*
Lee, J. J., Deutsch, B. C., Kallogjeri, D., Pipkorn, P., Schneider, J. S., Klatt-Cromwell, C. N.
2022; 43 (1): 103188
- **Management of Flap Failure After Head and Neck Reconstruction: A Systematic Review and Meta-analysis** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
Walia, A., Lee, J. J., Jackson, R. S., Hardi, A. C., Bollig, C. A., Graboyes, E. M., Zenga, J., Puram, S. V., Pipkorn, P.
2022; 167 (2): 224-235
- **Endonasal Free Flap Reconstruction Combined With Draf Frontal Sinusotomy for Complex Cerebrospinal Fluid Leak: A Technical Report & Case Series** *OPERATIVE NEUROSURGERY*
Lee, J. J., Wick, E. H., Chicoine, M. R., Dowling, J. L., Leuthardt, E. C., Santiago, P., Pipkorn, P.
2021; 21 (6): 478-484
- **The Impact of Treatment Delay on Malunion and Nonunion After Open Reduction of Mandible Fractures** *FACIAL PLASTIC SURGERY & AESTHETIC MEDICINE*
Lander, D. P., Lee, J. J., Kallogjeri, D., Stwalley, D., Olsen, M. A., Piccirillo, J. F., Spataro, E. A.
2021; 23 (6): 460-466
- **Computed Tomography as a Predictor of Sinonasal Inverted Papilloma Origin, Skull Base Involvement, and Stage** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Lee, J. J., Orłowski, H. P., Schneider, J. S., Roland, L. T., Eldaya, R., Jiramongkolchai, P., Kallogjeri, D., Chernock, R. D., Klatt-Cromwell, C. N.
2021; 82: E335-E341
- **Endoscopic Adipofascial Radial Forearm Free Flap Reconstruction of the Skull Base: A Technical Update** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Pipkorn, P., Lee, J. J., Zenga, J., Chicoine, M. R.
2021; 82: E243-E247
- **Free vascularized parascapular fat flap for parotidectomy reconstruction** *AMERICAN JOURNAL OF OTOLARYNGOLOGY*
Lee, J. J., Wood, C., Puram, S., Zenga, J., Bollig, C. A., Pipkorn, P.
2021; 42 (5): 103028
- **Association of Olfactory Training With Neural Connectivity in Adults With Postviral Olfactory Dysfunction** *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*
Jiramongkolchai, P., Jones, M. S., Peterson, A., Lee, J. J., Liebendorfer, A., Klatt-Cromwell, C. N., Schneider, J. S., Drescher, A. J., Ogden, M., Brunworth, J. D., Kallogjeri, D., Kukuljan, S., Peelle, et al

2021; 147 (6): 502-509

- **Survival Outcomes of De Novo vs Inverted Papilloma-Associated Sinonasal Squamous Cell Carcinoma A Systematic Review and Meta-analysis** *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*
Lee, J. J., Peterson, A. M., Embry, T. W., Wamkpah, N. S., Kallogjeri, D., Doering, M. M., Schneider, J. S., Klatt-Cromwell, C. N., Pipkorn, P.
2021; 147 (4): 350-359
- **Survival of Young Versus Old Patients With Oral Cavity Squamous Cell Carcinoma: A Meta-Analysis** *LARYNGOSCOPE*
Lee, D. S., Ramirez, R. J., Lee, J. J., Valenzuela, C. V., Zevallos, J. P., Mazul, A. L., Puram, S., Doering, M. M., Pipkorn, P., Jackson, R. S.
2021; 131 (6): 1310-1319
- **Curbing the Cough: Multimodal Treatments for Neurogenic Cough: A Systematic Review and Meta-Analysis** *LARYNGOSCOPE*
Wamkpah, N. S., Peterson, A. M., Lee, J. J., Jia, L., Hardi, A., Stoll, C., Huston, M.
2022; 132 (1): 107-123
- **Efficacy of Timolol in a Novel Intranasal Thermosensitive Gel for Hereditary Hemorrhagic Telangiectasia-Associated Epistaxis A Randomized Clinical Trial** *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*
Peterson, A. M., Lee, J. J., Kallogjeri, D., Schneider, J. S., Chakinala, M. M., Piccirillo, J. F.
2020; 146 (11): 1006-1014
- **Untreated head and neck cancer: Natural history and associated factors** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*
Zolkind, P., Lee, J. J., Jackson, R. S., Pipkorn, P., Massa, S. T.
2021; 43 (1): 89-97
- **Risk Factors for Patient-Reported Olfactory Dysfunction After Endoscopic Transsphenoidal Hypophysectomy** *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*
Lee, J. J., Thompson, Z. S., Piccirillo, J. F., Klatt-Cromwell, C. N., Orlowski, H. P., Kallogjeri, D., Pipkorn, P., Schneider, J. S.
2020; 146 (7): 621-629
- **Randomized clinical trial to evaluate mometasone lavage vs spray for patients with chronic rhinosinusitis without nasal polyps who have not undergone sinus surgery** *INTERNATIONAL FORUM OF ALLERGY & RHINOLOGY*
Jiramongkolchai, P., Peterson, A., Kallogjeri, D., Lee, J. J., Kukuljan, S., Liebondorfer, A., Schneider, J. S., Klatt-Cromwell, C. N., Drescher, A. J., Piccirillo, J. F.
2020; 10 (8): 936-943
- **Clinical Research Needs for the Management of Chronic Rhinosinusitis with Nasal Polyps in the New Era of Biologics: A National Institute of Allergy and Infectious Diseases Workshop** *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY-IN PRACTICE*
Naclerio, R., Baroody, F., Bachert, C., Bleier, B., Borish, L., Brittain, E., Chupp, G., Fisher, A., Fokkens, W., Gevaert, P., Kennedy, D., Kim, J., Laidlaw, et al
2020; 8 (5): 1532-+
- **Morphologic, intraoperative, and histologic risk factors for sinonasal inverted papilloma recurrence**
Lee, J. J., Roland, L. T., Licata, J. J., Orlowski, H. P., Jiramongkolchai, P., Piccirillo, J. F., Kallogjeri, D., Klatt-Cromwell, C. N., Chernock, R. D., Schneider, J. S.
WILEY.2020: 590-596
- **Trend of surgery for orbital cellulitis: An analysis of state inpatient databases**
Jiramongkolchai, P., Lander, D. P., Kallogjeri, D., Olsen, M. A., Keller, M., Schneider, J. S., Lee, J. J., Jiramongkolchai, K., Piccirillo, J. F.
WILEY.2020: 567-574
- **Occlusion and Functional Outcomes after Complete Temporomandibular Joint Resection with Soft Tissue Reconstruction** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
Lee, J. J., Lander, D. P., Jackson, R. S., Zenga, J., Pipkorn, P.
2020; 162 (4): 589-592
- **Diagnosing Tongue Base Obstruction in Pierre Robin Sequence Infants: Sleep vs Awake Endoscopy** *CLEFT PALATE-CRANIOFACIAL JOURNAL*
Lee, J. J., Ford, M. D., Tobey, A. B., Jabbour, N.
2018; 55 (5): 692-696
- **Vascular applications of contrast-enhanced ultrasound imaging** *JOURNAL OF VASCULAR SURGERY*
Mehta, K. S., Lee, J. J., Taha, A. A., Avgerinos, E., Chaer, R. A.
2017; 66 (1): 266-274

- **Upper Airway Stimulation for OSA: Early Adherence and Outcome Results of One Center**
Kent, D. T., Lee, J. J., Strollo, P. J., Soose, R. J.
SAGE PUBLICATIONS LTD.2016: 188-193
- **Characteristics of sleep apnea in infants with Pierre-Robin sequence: Is there improvement with advancing age?** *INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY*
Lee, J. J., Thottam, P. J., Ford, M. D., Jabbour, N.
2015; 79 (12): 2059-2067
- **Teaching the pharyngeal flap and sphincter pharyngoplasty: The sticky note method** *INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY*
Lee, J. J., Jabbour, N.
2015; 79 (11): 1905-1908
- **Severe Obstructive Sleep Apnea Treated with Combination Hypoglossal Nerve Stimulation and Oral Appliance Therapy** *Journal of Dental Sleep Medicine*
Lee, J. J., Sahu, N., Rogers, R., Soose, R. J.
2015
- **Computational analysis to predict false-lumen perfusion and outcome of type B aortic dissection** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
D'Ancona, G., Lee, J., Pasta, S., Pilato, G., Rinaudo, A., Follis, F., Pilato, M.
2014; 148 (4): 1756-1758
- **Role of Computational Modeling in Thoracic Aortic Pathology: A Review** *JOURNAL OF CARDIAC SURGERY*
Lee, J. J., D'Ancona, G., Amaducci, A., Follis, F., Pilato, M., Pasta, S.
2014; 29 (5): 653-662
- **Predicting Outcome of Aortic Dissection with Patent False Lumen by Computational Flow Analysis** *CARDIOVASCULAR ENGINEERING AND TECHNOLOGY*
Rinaudo, A., D'Ancona, G., Lee, J. J., Pilato, G., Amaducci, A., Baglini, R., Follis, F., Pilato, M., Pasta, S.
2014; 5 (2): 176-188