



Davud Sirjani

Clinical Associate Professor, Otolaryngology (Head and Neck Surgery)

CLINICAL OFFICES

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

801 Welch Rd

MC 5739

Stanford, CA 94305

Tel (650) 498-6000

Fax (650) 724-7091

Bio

BIO

Dr. Sirjani graduated from the University of Arizona with Honors in Biochemistry and was awarded the most outstanding senior award for the college of sciences and the Centennial Achievement Award. He matriculated to the University of Arizona School of Medicine on the Dean's Scholarship.

He completed a residency in Otolaryngology at Washington University in St. Louis and a fellowship in Head and Neck Cancer and Microvascular reconstruction at the University of Washington in Seattle in 2009.

He joined the Division of Head and Neck Surgery in 2009 and, since 2012, has also served as Chief of Otolaryngology at the VA in Palo Alto. Dr. Sirjani has pioneered the use of telemedicine to provide complicated head and neck cancer care to remote VA satellite across the Pacific and Mountwaint West.

Under his leadership, the Stanford VA has become a premier hub for head and neck cancer care in the West Coast.

As the director of the salivary program at Stanford since 2013, Dr. Sirjani's practice is focused on minimally invasive parotidectomy.

He was the first surgeon at Stanford to offer patients sialendoscopy. His research interests include innovations in minimizing morbidity from parotid cancer treatment.

Dr. Sirjani's research interests focus on surgical simulation and surgical innovation. He invented the only parotidectomy surgical simulator in the country, which is funded by CIMIT and used to teach other surgeons about the tension placed on the facial nerve during Parotidectomy. Stanford is now a primary center for the treatment of salivary related cancers.

Dr. Sirjani incorporates new innovations, basic science research, and his high volume of operative experience to tailor operations to best suite the patient.

CLINICAL FOCUS

- Cancer > Head and Neck Cancer
- Parotid Neoplasms
- Salivary Gland Neoplasms
- Skull Base Neoplasms
- Surgical Flaps

5 OF 10

ACADEMIC APPOINTMENTS

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

ADMINISTRATIVE APPOINTMENTS

- Chief of Otolaryngology, VA Palo Alto, (2012- present)
- Director, Stanford Salivary Gland Program, (2013- present)

HONORS AND AWARDS

- Who's Who in America, Marquis Who's Who Publications Board (2017-2018)
- Faculty Teaching Award, Stanford Department of Otolaryngology (2017)
- Faculty Teaching Award, Stanford Department of Otolaryngology (2013)
- "Surgery at the End of Life", American College of Surgeons, Issues Committee of Resident and Associate Society (2012)
- "Reconstructive Dilemma of a Rare Mandibular Tumor", Saint Louis ENT Club (2006)

5 OF 16

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Active Candidate for Fellowship, Triological Society (2016 - present)
- Member, American Academy of Otolaryngology, Medical Devices and Drugs Committee (2013 - present)
- Member, North American Skull Base Society (2012 - present)
- Member, Association of Northern California Oncologist (2011 - present)
- Member, American Telemedicine Association (2011 - present)

PROFESSIONAL EDUCATION

- Residency: Washington University School Of Medicine Registrar (2008) MO
- Internship: Washington University School Of Medicine Registrar (2002) MO
- Medical Education: University of Arizona College of Medicine Office of the Registrar (2001) AZ
- Fellowship, Stanford Biodesign Faculty Fellowship , Innovation (2017)
- F.A.C.S, American College of Surgeons (2013)

5 OF 9

LINKS

- Salivary Gland Website: <http://med.stanford.edu/ohns/healthcare/headneckcenter/programs/salivary-gland-program.html>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Innovation of devices to improve the quality of life of patients with advanced head and neck cancers, minimal invasive parotid surgery, surgical simulation, flap reconstruction of large head and neck defects to restore cosmesis and function (speech, swallowing), stem cell recovery of radiation induced salivary damage, and salivary gland cancer biology

CLINICAL TRIALS

- Phase I Panitumumab IRDye800 Optical Imaging Study, Recruiting
- Cetuximab IRDye800 Study as an Optical Imaging Agent to Detect Cancer During Surgical Procedures, Not Recruiting
- Multispectral Imaging to Characterize Patterns of Vascular Supply Within Lymphoepithelial Mucosa in Oropharyngeal Cancer, Not Recruiting

Publications

PUBLICATIONS

- **Retrograde parotidectomy under local anesthesia for benign, malignant, and inflammatory lesions.** *American journal of otolaryngology*
Chang, M., Coughran, A., Lee, Y., Collins, J., Sirjani, D.
2019
- **Regionalization of Head and Neck Cancer Surgery May Fragment Care and Impact Overall Survival.** *The Laryngoscope*
Chen, M. M., Megwalu, U. C., Liew, J., Sirjani, D., Rosenthal, E. L., Divi, V.
2018
- **Association of Time between Surgery and Adjuvant Therapy with Survival in Oral Cavity Cancer.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
Chen, M. M., Harris, J. P., Orosco, R. K., Sirjani, D., Hara, W., Divi, V.
2018; 158 (6): 1051–56
- **Aldehyde dehydrogenase 3A1 activation prevents radiation-induced xerostomia by protecting salivary stem cells from toxic aldehydes.** *Proceedings of the National Academy of Sciences of the United States of America*
Saiki, J. P., Cao, H., Van Wassenhove, L. D., Viswanathan, V., Bloomstein, J., Nambiar, D. K., Mattingly, A. J., Jiang, D., Chen, C., Stevens, M. C., Simmons, A. L., Park, H. S., von Eyben, et al
2018
- **Association of Survival With Shorter Time to Radiation Therapy After Surgery for US Patients With Head and Neck Cancer** *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*
Harris, J. P., Chen, M. M., Orosco, R. K., Sirjani, D., Divi, V., Hara, W.
2018; 144 (4): 349–59

5 OF 27