



## Lisa A. Orloff

Professor of Otolaryngology - Head and Neck Surgery at the Stanford University Medical Center

Otolaryngology - Head & Neck Surgery Divisions

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### ACADEMIC CONTACT INFORMATION

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### Bio

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#### BIO

Lisa A. Orloff, MD, FACS, FACE is Director of the Endocrine Head and Neck Surgery Program and Professor in the Department of Otolaryngology, Division of Head and Neck Surgery, at Stanford University School of Medicine. She is Director of the Stanford Thyroid Tumor Program within the Stanford Cancer Center. Her clinical practice focuses on the surgical management of thyroid and parathyroid tumors.

Dr. Orloff is an internationally recognized leader in the field of endocrine head and neck surgery. She is also an expert in the application of ultrasonography to the diagnosis and management of diseases of the head and neck, with an emphasis on thyroid cancer. Her background in microvascular and laryngeal surgical techniques lends a unique level of refinement to her endocrine surgical practice. A major component of her clinical work is the management of persistent or recurrent thyroid cancer. Dr. Orloff's multidisciplinary approach to the management of endocrine head and neck disease involves collaboration with her colleagues in other specialties at Stanford and throughout the country. Dr. Orloff also studies the regeneration of tissue that has been lost as a result of cancer therapies.

Dr. Orloff received her bachelor's degree at Stanford, and her medical degree from the University of California, Los Angeles. She completed her residency in Otolaryngology/Head & Neck Surgery at the University of Washington and a visiting fellowship in Microvascular & Reconstructive Surgery at Mount Sinai Medical Center in New York. Prior to joining the faculty at Stanford, she was the Robert K. Werbe Distinguished Professor in Head and Neck Cancer, and Chief of the Division of Head and Neck Surgery at the University of California, San Francisco (UCSF.)

Dr. Orloff served three consecutive terms as the Chair of the American Academy of Otolaryngology—Head and Neck Surgery (AAO-HNS) Endocrine Surgery committee, and served for many years as a voting member of the FDA's Panel to evaluate medical devices for Otolaryngology. She holds leadership roles within the American Head and Neck Society, the American Thyroid Association, the American Institute of Ultrasound in Medicine, and the American College of Surgeons. She is co-chair of the ACS Thyroid, Parathyroid, and Neck Ultrasound training program and a member of the ACS National Ultrasound Faculty executive board. She is also a member of such influential teams as the National Cancer Institute (NCI) steering committee on Thyroid Cancer Clinical Trials and the Endocrine Surgery Committee of the American Association of Clinical Endocrinology (AACE). She authored the leading textbook, *Head and Neck Ultrasonography* (Plural Publishing), as a reference for clinicians; the second edition was published in 2017. Dr. Orloff is a former Fulbright scholar.

If you would like to refer a patient to Dr. Orloff, or have any questions, she and her team can be contacted at: by phone 650.498-6000; fax: 650.724.1433

## **CLINICAL FOCUS**

- Cancer > Head and Neck Cancer
- Endocrine Surgical Procedures
- Cancer, Thyroid
- Thyroid surgery
- Parathyroidectomy
- Ultrasonography
- Laryngeal surgery
- Otolaryngology

## **ACADEMIC APPOINTMENTS**

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

## **HONORS AND AWARDS**

- Patient-Centered Awardee (1 of 5 MDs with Exceptional Likelihood to Recommend Scores - 99th %ile), Stanford Health Care (scores ranked nationally) (2019)
- Henry J. Kaiser Foundation Award for Excellence in Clinical Teaching, Stanford Medicine (2018)
- Teacher of the Year, Stanford Department of Otolaryngology-Head and Neck Surgery, Stanford Medicine (2016)
- Teacher of the Year, Stanford Department of Otolaryngology-Head and Neck Surgery, Stanford Medicine (2015)
- Fulbright Scholar, J. William Fulbright Association (2003)

## **PROFESSIONAL EDUCATION**

- Medical Education: UCLA David Geffen School Of Medicine Registrar (1986) CA
- Residency: University of Washington WA
- Internship: University of Washington WA
- Fellowship, Mt Sinai Medical Center , NY
- Board Certification: Otolaryngology, American Board of Otolaryngology (1993)

## **LINKS**

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Publications

### PUBLICATIONS

- **A THYROID GENETIC CLASSIFIER CORRECTLY PREDICTS BENIGN NODULES WITH INDETERMINATE CYTOLOGY: TWO-INDEPENDENT MULTICENTER, PROSPECTIVE VALIDATION TRIALS.** *Thyroid : official journal of the American Thyroid Association*  
Zafereo, M., McIver, B., Vargas, S., Domínguez Ruiz-Tagle, J. M., Steward, D., Holsinger, F. C., Kandil, E., Williams, M. D., Cruz, F., Loyola, S., Solar, A., Roa, J. C., Leon, et al  
2020
- **African Head and Neck Society Clinical Practice guidelines for thyroid nodules and cancer in developing countries and limited resource settings.** *Head & neck*  
Zafereo, M., Yu, J., Onakoya, P. A., Aswani, J., Baidoo, K., Bogale, M., Cairncross, L., Cordes, S., Daniel, A., Diom, E., Maurice, M. E., Mohammed, G. M., Biadgelign, et al  
2020
- **Transoral thyroidectomy with a next generation flexible robotic system: A feasibility study in a cadaveric model** *GLAND SURGERY*  
Chan, J. K., Koh, Y. W., Richmon, J., Kim, J., Holsinger, F., Orloff, L., Anuwong, A.  
2019; 8 (6): 644-+
- **Recognizing Persistent Disease in Well-Differentiated Thyroid Cancer and Association with Lymph Node Yield and Ratio.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*  
Noel, J. E., Orloff, L. A.  
2019: 194599819886123
- **Adjuvant external beam radiotherapy for locally invasive papillary thyroid cancer** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*  
Megwalu, U. C., Orloff, L. A., Ma, Y.  
2019; 41 (6): 1719-24
- **Adjuvant external beam radiotherapy for locally invasive papillary thyroid cancer.** *Head & neck*  
Megwalu, U. C., Orloff, L. A., Ma, Y.  
2019
- **Enhanced interdisciplinary communication: development of an interactive thyroid nodule/cancer disease map** *LARYNGOSCOPE*  
Moubayed, S. P., Machado, R., Tuttle, R., Orloff, L. A., Randolph, G., Hernandez-Prera, J. C., Griffin, M. J., Urken, M. L.  
2019; 129 (1): 269-74
- **Transoral thyroidectomy with a next generation flexible robotic system: A feasibility study in a cadaveric model.** *Gland surgery*  
Chan, J. Y., Koh, Y. W., Richmon, J., Kim, J., Holsinger, F. C., Orloff, L., Anuwong, A.  
2019; 8 (6): 644-47
- **Radioactive iodine in differentiated thyroid cancer: a national database perspective.** *Endocrine-related cancer*  
Orosco, R., Hussain, T., Noel, J. E., Chang, D., Dosiou, C., Mitra, E., Divi, V., Orloff, L.  
2019
- **International neuromonitoring study group guidelines 2018: Part II: Optimal recurrent laryngeal nerve management for invasive thyroid cancer-incorporation of surgical, laryngeal, and neural electrophysiologic data.** *The Laryngoscope*  
Wu, C., Dionigi, G., Barczynski, M., Chiang, F., Dralle, H., Schneider, R., Al-Quaryshi, Z., Angelos, P., Brauckhoff, K., Brooks, J. A., Cernea, C. R., Chaplin, J., Chen, et al  
2018
- **International neural monitoring study group guideline 2018 part I: Staging bilateral thyroid surgery with monitoring loss of signal.** *The Laryngoscope*  
Schneider, R., Randolph, G. W., Dionigi, G., Wu, C., Barczynski, M., Chiang, F., Al-Quaryshi, Z., Angelos, P., Brauckhoff, K., Cernea, C. R., Chaplin, J., Cheetham, J., Davies, et al  
2018
- **AHNS Series: Do you know your guidelines? AHNS Endocrine Section Consensus Statement: State-of-the-art thyroid surgical recommendations in the era of noninvasive follicular thyroid neoplasm with papillary-like nuclear features** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*

- Ferris, R. L., Nikiforov, Y., Terris, D., Seethala, R. R., Ridge, J., Angelos, P., Quan-Yang Duh, Wong, R., Sabra, M. M., Fagin, J. A., McIver, B., Bernet, V. J., Harrell, R., et al  
2018; 40 (9): 1881–88
- **Current Experience of Ultrasound Training in Otolaryngology Residency Programs.** *Journal of ultrasound in medicine : official journal of the American Institute of Ultrasound in Medicine*  
Meister, K. D., Vila, P. M., Bonilla-Velez, J., Sebelik, M., Orloff, L. A.  
2018
  - **AHNS Series: Do you know your guidelines? Optimizing outcomes in reoperative parathyroid surgery: Definitive multidisciplinary joint consensus guidelines of the American Head and Neck Society and the British Association of Endocrine and Thyroid Surgeons** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*  
Stack, B. C., Tolley, N. S., Bartel, T. B., Bilezikian, J. P., Bodenner, D., Camacho, P., Cox, J. T., Dralle, H., Jackson, J. E., Morris, J. C., Orloff, L., Palazzo, F., Ridge, et al  
2018; 40 (8): 1617–29
  - **American Thyroid Association Statement on Postoperative Hypoparathyroidism: Diagnosis, Prevention, and Management in Adults** *THYROID*  
Orloff, L. A., Wiseman, S. M., Bernet, V. J., Fahey, T. J., Shaha, A. R., Shindo, M. L., Snyder, S. K., Stack, B. C., Sunwoo, J. B., Wang, M. B., Amer Thyroid Assoc Surgical Affair  
2018; 28 (7): 830–41
  - **American Thyroid Association Statement on Postoperative Hypoparathyroidism: Diagnosis, Prevention, and Management in Adults.** *Thyroid : official journal of the American Thyroid Association*  
Orloff, L. A., Wiseman, S., Bernet, V., Fahey, T. J., Shaha, A. R., Shindo, M., Snyder, S. K., Stack Jr, B. C., Sunwoo, J. B., Wang, M. B.  
2018
  - **Thyroid cancer mortality is higher in Filipinos in the United States: An analysis using national mortality records from 2003 through 2012** *CANCER*  
Nguyen, M. T., Hu, J., Hastings, K. G., Daza, E. J., Cullen, M. R., Orloff, L. A., Palaniappan, L. P.  
2017; 123 (24): 4860–67
  - **Indications and extent of central neck dissection for papillary thyroid cancer: An American Head and Neck Society Consensus Statement.** *Head & neck*  
Agrawal, N., Evasovich, M. R., Kandil, E., Noureldine, S. I., Felger, E. A., Tufano, R. P., Kraus, D. H., Orloff, L. A., Grogan, R., Angelos, P., Stack, B. C., McIver, B., Randolph, et al  
2017
  - **Successful ablation of plunging ranula by ultrasound-guided percutaneous ethanol injection.** *Laryngoscope*  
Nguyen, M. T., Orloff, L. A.  
2017
  - **Indolent thyroid cancer: knowns and unknowns.** *Cancers of the head & neck*  
Hahn, L. D., Kunder, C. A., Chen, M. M., Orloff, L. A., Desser, T. S.  
2017; 2: 1
  - **An improved ATAC-seq protocol reduces background and enables interrogation of frozen tissues.** *Nature methods*  
Corces, M. R., Trevino, A. E., Hamilton, E. G., Greenside, P. G., Sinnott-Armstrong, N. A., Vesuna, S., Satpathy, A. T., Rubin, A. J., Montine, K. S., Wu, B., Kathiria, A., Cho, S. W., Mumbach, et al  
2017
  - **Thyroid cancer mortality is higher in Filipinos in the United States: An analysis using national mortality records from 2003 through 2012.** *Cancer*  
Nguyen, M. T., Hu, J., Hastings, K. G., Daza, E. J., Cullen, M. R., Orloff, L. A., Palaniappan, L. P.  
2017; 123 (24): 4860–67
  - **Improving the adoption of thyroid cancer clinical practice guidelines.** *Laryngoscope*  
Likhterov, I., Tuttle, R. M., Haser, G. C., Su, H. K., Bergman, D., Alon, E. E., Bernet, V., Brett, E., Cobin, R., Dewey, E. H., Doherty, G., Dos Reis, L. L., Klopper, et al  
2016; 126 (11): 2640-2645
  - **The Changing Landscape of Primary, Secondary, and Tertiary Hyperparathyroidism: Highlights from the American College of Surgeons Panel, "What's New for the Surgeon Caring for Patients with Hyperparathyroidism"** *JOURNAL OF THE AMERICAN COLLEGE OF SURGEONS*  
Shindo, M., Lee, J. A., Lubitz, C. C., McCoy, K. L., Orloff, L. A., Tufano, R. P., Pasieka, J. L.  
2016; 222 (6): 1240-1250

- **ACTIVE SURVEILLANCE FOR PAPILLARY THYROID MICROCARCINOMA: NEW CHALLENGES AND OPPORTUNITIES FOR THE HEALTH CARE SYSTEM** *ENDOCRINE PRACTICE*  
Haser, G. C., Tuttle, R. M., Su, H. K., Alon, E. E., Bergman, D., Bernet, V., Brett, E., Cobin, R., Dewey, E. H., Doherty, G., Dos Reis, L. L., Harris, J., Klopper, et al  
2016; 22 (5): 602-611
- **Prognostic Implications of Lymph Node Yield in Central and Lateral Neck Dissections for Well-Differentiated Papillary Thyroid Carcinoma.** *Thyroid*  
Heaton, C. M., Chang, J. L., Orloff, L. A.  
2016; 26 (3): 434-440
- **Preoperative Imaging for Thyroid Cancer: Beyond Ultrasonography.** *JAMA otolaryngology-- head & neck surgery*  
Orloff, L. A., Randolph, G. W.  
2016; 142 (6): 515-16
- **Transoral robotic-assisted surgical excision of a retropharyngeal parathyroid adenoma: A case report.** *Head & neck*  
Bearely, S., Prendes, B. L., Wang, S. J., Glastonbury, C., Orloff, L. A.  
2015; 37 (11): E150-2
- **AMERICAN ASSOCIATION OF CLINICAL ENDOCRINOLOGISTS AND AMERICAN COLLEGE OF ENDOCRINOLOGY DISEASE STATE CLINICAL REVIEW: POSTOPERATIVE HYPOPARATHYROIDISM - DEFINITIONS AND MANAGEMENT** *ENDOCRINE PRACTICE*  
Stack, B. C., Bimston, D. N., Bodenner, D. L., Brett, E. M., Dralle, H., Orloff, L. A., Pallota, J., Snyder, S. K., Wong, R. J., Randolph, G. W.  
2015; 21 (6): 674-685
- **Stimulation Threshold Greatly Affects the Predictive Value of Intraoperative Nerve Monitoring** *LARYNGOSCOPE*  
Faden, D. L., Orloff, L. A., Ayeni, T., Fink, D. S., Yung, K.  
2015; 125 (5): 1265-1270
- **Management of recurrent and persistent metastatic lymph nodes in well-differentiated thyroid cancer: a multifactorial decision-making guide for the thyroid cancer care collaborative.** *Head & neck*  
Urken, M. L., Milas, M., Randolph, G. W., Tufano, R., Bergman, D., Bernet, V., Brett, E. M., Brierley, J. D., Cobin, R., Doherty, G., Klopper, J., Lee, S., Machac, et al  
2015; 37 (4): 605-614
- **Database and registry research in thyroid cancer: striving for a new and improved national thyroid cancer database.** *Thyroid*  
Mehra, S., Tuttle, R. M., Milas, M., Orloff, L., Bergman, D., Bernet, V., Brett, E., Cobin, R., Doherty, G., Judson, B. L., Klopper, J., Lee, S., Lupo, et al  
2015; 25 (2): 157-168
- **American Thyroid Association statement on preoperative imaging for thyroid cancer surgery.** *Thyroid*  
Yeh, M. W., Bauer, A. J., Bernet, V. A., Ferris, R. L., Loevner, L. A., Mandel, S. J., Orloff, L. A., Randolph, G. W., Steward, D. L.  
2015; 25 (1): 3-14
- **Management of invasive well-differentiated thyroid cancer: An American Head and Neck Society Consensus Statement AHNS Consensus Statement** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*  
Shindo, M. L., Caruana, S. M., Kandil, E., McCaffrey, J. C., Orloff, L. A., Porterfield, J. R., Shaha, A., Shin, J., Terris, D., Randolph, G.  
2014; 36 (10): 1379-1390
- **What Is the Gold Standard for Comprehensive Interinstitutional Communication of Perioperative Information for Thyroid Cancer Patients? A Comparison of Existing Electronic Health Records with the Current American Thyroid Association Recommendations** *THYROID*  
Dos Reis, L. L., Tuttle, R. M., Alon, E., Bergman, D. A., Bernet, V., Brett, E. M., Cobin, R., Doherty, G., Harris, J. R., Klopper, J., Lee, S. L., Lupo, M., Milas, et al  
2014; 24 (10): 1466-1472
- **Striving Toward Standardization of Reporting of Ultrasound Features of Thyroid Nodules and Lymph Nodes: A Multidisciplinary Consensus Statement** *THYROID*  
Su, H. K., Dos Reis, L. L., Lupo, M. A., Milas, M., Orloff, L. A., Langer, J. E., Brett, E. M., Kazam, E., Lee, S. L., Minkowitz, G., Alpert, E. H., Dewey, E. H., Urken, et al  
2014; 24 (9): 1341-1349
- **Clinician-Performed Thyroid Ultrasound-Guided Fine-Needle Aspiration** *OTOLARYNGOLOGIC CLINICS OF NORTH AMERICA*  
Tsao, G. J., Orloff, L. A.  
2014; 47 (4): 509-?

- **Improving the Quality of Thyroid Cancer Care: How Does the Thyroid Cancer Care Collaborative Cross the Institute of Medicine's Quality Chasm?** *THYROID*  
Mehra, S., Tuttle, R. M., Bergman, D., Bernet, V., Brett, E., Cobin, R., Doherty, G., Klopper, J., Lee, S., Machac, J., Milas, M., Mechanick, J. I., Orloff, et al  
2014; 24 (4): 615-624
- **American Thyroid Association Statement on Outpatient Thyroidectomy** *THYROID*  
Terris, D. J., Snyder, S., Carneiro-Pla, D., Inabnet, W. B., Kandil, E., Orloff, L., Shindo, M., Tufano, R. P., Tuttle, R. M., Urken, M., Yeh, M. W.  
2013; 23 (10): 1193-1202
- **External branch of the superior laryngeal nerve monitoring during thyroid and parathyroid surgery: International Neural Monitoring Study Group standards guideline statement** *LARYNGOSCOPE*  
Barczynski, M., Randolph, G. W., Cernea, C. R., Dralle, H., Dionigi, G., Alesina, P. F., Mihai, R., Finck, C., Lombardi, D., Hartl, D. M., Miyauchi, A., Serpell, J., Snyder, et al  
2013; 123: S1-S14