


Stanford



Fred M Baik, MD

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

Otolaryngology - Head & Neck Surgery Divisions

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Otolaryngology Head and Neck Surgery**

900 Blake Wilbur Dr

3rd Fl

Stanford, CA 94305

Tel (650) 498-6000 **Fax** (650) 724-1445

- **Stanford Cancer Center South Bay**

2589 Samaritan Dr

San Jose, CA 95124

Tel (408) 426-4900 **Fax**

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Tausha Richardson - Administrative Assistant

Email taushar1@stanford.edu

Tel 650-725-5968

Bio

BIO

Dr Baik is a head and neck cancer and reconstructive surgeon. He studied Biology at the University of Pennsylvania and went on to receive his medical training at UC San Diego. After completing his residency in Otolaryngology at the University of Washington, he pursued advanced training in Head and Neck Oncology and Reconstructive Surgery at Mount Sinai Beth Israel Hospital in New York City.

His primary focus is to provide surgical care for patients with head and neck cancer, specifically squamous cell carcinoma and melanoma.

His research is focused on precision diagnostics to aid pre-operative and intra-operative decision making. He is interested in improving cancer detection using labeled and un-labeled imaging techniques combined with machine learning algorithms.

CLINICAL FOCUS

- Head and Neck cancer
- Microvascular Reconstruction of the Head and Neck
- Skin cancer
- Melanoma
- Otolaryngology

ACADEMIC APPOINTMENTS

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

PROFESSIONAL EDUCATION

- Medical Education: University of California San Diego School of Medicine (2011) CA
- Board Certification: Otolaryngology, American Board of Otolaryngology (2018)
- Fellowship, Mount Sinai Beth Israel Hospital, New York , Head and Neck Oncologic & Reconstructive Surgery (2018)
- Residency, University of Washington , Otolaryngology - Head and Neck Surgery (2017)
- MD, University of California, San Diego , Medicine (2011)
- MAS, University of California, San Diego , Clinical research (2010)
- BA, University of Pennsylvania , Biology (2005)

LINKS

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

Research & Scholarship

CLINICAL TRIALS

- Comparing Sentinel Lymph Node (SLN) Biopsy With Standard Neck Dissection for Patients With Early-Stage Oral Cavity Cancer, Recruiting
- Panitumumab-IRDye800 Compared to Sentinel Node Biopsy and (Selective) Neck Dissection in Identifying Metastatic Lymph Nodes in Patients With Head&Neck Cancer, Not Recruiting

Publications

PUBLICATIONS

- **Effect of Formalin Fixation for Near-Infrared Fluorescence Imaging with an Antibody-Dye Conjugate in Head and Neck Cancer Patients.** *Molecular imaging and biology*
Kapoor, S., Lu, G., van den Berg, N. S., Krishnan, G., Pei, J., Zhou, Q., Martin, B. A., Baik, F. M., Rosenthal, E. L., Nishio, N.
2020
- **Oral squamous carcinoma: Aggressive tumor pattern of invasion predicts direct mandible invasion.** *Head & neck*
Yue, L. E., Sharif, K. F., Sims, J. R., Sandler, M. L., Baik, F. M., Sobotka, S., Everest, S., Brandwein-Weber, M., Khorsandi, A. S., Likhterov, I., Urken, M. L.
2020
- **Molecular profiling of a primary cutaneous signet-ring cell/histiocytoid carcinoma of the eyelid.** *Journal of cutaneous pathology*
Raghavan, S., Clark, M., Louie, C., Jensen, K. C., Dietrich, B., Beadle, B. M., El-Sawy, T., Baik, F., Kunder, C. A., Brown, R. A.
2020
- **Positive Lymph Node Counts in American Thyroid Association Low-Risk Papillary Thyroid Carcinoma Patients.** *World journal of surgery*
Griffin, M. J., Baik, F. M., Brandwein-Weber, M., Qazi, M., Yue, L. E., Osorio, M., Urken, M. L.
2020
- **Where Dysphagia Begins: Polypharmacy and Xerostomia.** *Federal practitioner : for the health care professionals of the VA, DoD, and PHS*
Marcott, S. n., Dewan, K. n., Kwan, M. n., Baik, F. n., Lee, Y. J., Sirjani, D. n.
2020; 37 (5): 234-41
- **Radiographic surveillance of abdominal free fat graft in complex parotid pleomorphic adenomas: A case series.** *Heliyon*
Lee, Y. J., Fischbein, N. J., Megwalu, U. n., Baik, F. M., Divi, V. n., Kaplan, M. J., Sirjani, D. B.
2020; 6 (5): e03894
- **Multifocal Parotid Oncocytic Cystadenomatosis: A Rare Process that Can Mimic Malignancy.** *Head and neck pathology*
Yue, L. E., Spaulding, S. L., Baik, F. M., Khorsandi, A. n., Brandwein-Weber, M. n., Urken, M. L.
2020
- **Endoscopic Fluorescence-Guided Surgery for Sinonasal Cancer Using an Antibody-Dye Conjugate.** *The Laryngoscope*
Hart, Z. P., Nishio, N., Krishnan, G., Lu, G., Zhou, Q., Fakurnejad, S., Wormald, P. J., van den Berg, N. S., Rosenthal, E. L., Baik, F. M.

2019

- **Ten patients with high-grade transformation of acinic cell carcinomas: Expression profiling of beta-catenin and cyclin D1 is useful.** *Pathology, research and practice*
Yue, L. E., Samankan, S., Liu, X., Sharif, K. F., Everest, S., Singh, T., Dhorajjiya, P., Baik, F. M., Khorsandi, A., Stevens, T. M., Brandwein-Weber, M., Urken, M. L.
2019: 152767
- **Combined mandibular and maxillary reconstruction: Managing sinus secretions and preventing infection** *LARYNGOSCOPE*
Baik, F. M., Yue, L. E., Sharif, K. F., Sims, J. R., Urken, M. L.
2019; 129 (11): 2475–78
- **Fluorescence molecular imaging for identification of high-grade dysplasia in patients with head and neck cancer.** *Oral oncology*
Fakurnejad, S., van Keulen, S., Nishio, N., Engelen, M., van den Berg, N. S., Lu, G., Birkeland, A., Baik, F., Colevas, A. D., Rosenthal, E. L., Martin, B. A.
2019; 97: 50–55
- **Acinic Cell Carcinoma with High-Grade Transformation: beta-Catenin and Cyclin D1 Data**
Everest, S., Yue, L., Qazi, M., Stevens, T., Sharif, K., Baik, F., Dhorajjiya, P., Liu, X., Brandwein-Weber, M.
NATURE PUBLISHING GROUP.2019
- **Acinic Cell Carcinoma with High-Grade Transformation: beta-Catenin and Cyclin D1 Data**
Everest, S., Yue, L., Qazi, M., Stevens, T., Sharif, K., Baik, F., Dhorajjiya, P., Liu, X., Brandwein-Weber, M.
NATURE PUBLISHING GROUP.2019
- **Combined mandibular and maxillary reconstruction: Managing sinus secretions and preventing infection.** *The Laryngoscope*
Baik, F. M., Yue, L. E., Sharif, K. F., Sims, J. R., Urken, M. L.
2019
- **Reconstructive and prosthodontic outcomes after multiple palatomaxillary reconstructions.** *The Laryngoscope*
Sharif, K. F., Sims, J. R., Yue, L. E., Baik, F. M., Kiplagat, K. J., Buchbinder, D. n., Okay, D. J., Chai, R. L., Urken, M. L.
2019
- **Intraoperative Molecular Imaging for ex vivo Assessment of Peripheral Margins in Oral Squamous Cell Carcinoma.** *Frontiers in oncology*
Fakurnejad, S. n., Krishnan, G. n., van Keulen, S. n., Nishio, N. n., Birkeland, A. C., Baik, F. M., Kaplan, M. J., Colevas, A. D., van den Berg, N. S., Rosenthal, E. L., Martin, B. A.
2019; 9: 1476
- **Development of proficiency-based knot-tying and suturing curriculum for otolaryngology residents: A pilot study.** *Auris, nasus, larynx*
Sato, E. n., Mitani, S. n., Nishio, N. n., Kitani, T. n., Sanada, T. n., Ugumori, T. n., Christopher Holsinger, F. n., Baik, F. M., Hato, N. n.
2019
- **Gorilla endoscopic sinus surgery: a life-saving collaboration between human and veterinary medicine** *INTERNATIONAL FORUM OF ALLERGY & RHINOLOGY*
Davis, G. E., Baik, F. M., Liddell, R. M., Ayars, A. G., Branch, K. R., Pottinger, P. S., Hillel, A. D., Helmick, K., Collins, D.
2018; 8 (7): 857–62
- **Septic arthritis of the sternoclavicular joint: A unique late complication after tracheostomy.** *American journal of otolaryngology*
Sharif, K. F., Baik, F. M., Jategaonkar, A. A., Khorsandi, A. S., Urken, M. L.
2018; 39 (5): 646–48
- **Airway management for symptomatic benign thyroid goiters with retropharyngeal involvement: Need for a surgical airway with report of 2 cases** *Otolaryngology Case Reports*
Baik, F. M., Zhu, V., Patel, A., Urken, M. L.
2018; 7 (C): 10-12
- **A rare primary leiomyosarcoma of the parotid gland: A case report and literature review.** *American journal of otolaryngology*
Yue, L. E., Qazi, M. n., Kiplagat, K. n., Baik, F. M., Khorsandi, A. n., Brandwein-Weber, M. n., Urken, M. n.
2018; 39 (3): 345–48
- **Survival and Gastrostomy Prevalence in Patients With Oropharyngeal Cancer Treated With Transoral Robotic Surgery vs Chemoradiotherapy** *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*

- Sharma, A., Patel, S., Baik, F. M., Mathison, G., Pierce, B. G., Khariwala, S. S., Yueh, B., Schwartz, S. M., Mendez, E.
2016; 142 (7): 691–97
- **Fluorescence Identification of Head and Neck Squamous Cell Carcinoma and High-Risk Oral Dysplasia With BLZ-100, a Chlorotoxin-Indocyanine Green Conjugate (vol 142, pg 330, 2016) JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY**
Baik, F. M., Hansen, S., Knoblaugh, S. E., Sahetya, D., Mitchell, R. M., Xu, C., Olson, J. M., Parrish-Novak, J., Mendez, E.
2016; 142 (5): 505
 - **Fluorescence Identification of Head and Neck Squamous Cell Carcinoma and High-Risk Oral Dysplasia With BLZ-100, a Chlorotoxin-Indocyanine Green Conjugate JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY**
Baik, F. M., Hansen, S., Knoblaugh, S. E., Sahetya, D., Mitchell, R. M., Xu, C., Olson, J. M., Parrish-Novak, J., Mendez, E.
2016; 142 (4): 330–38
 - **Identification of High-Risk Plaques by MRI and Fluorescence Imaging in a Rabbit Model of Atherothrombosis. PloS one**
Hua, N. n., Baik, F. n., Pham, T. n., Phinikaridou, A. n., Giordano, N. n., Friedman, B. n., Whitney, M. n., Nguyen, Q. T., Tsien, R. Y., Hamilton, J. A.
2015; 10 (10): e0139833
 - **Upper Aerodigestive Magnetic Foreign Bodies in Children LARYNGOSCOPE**
Brown, J. C., Baik, F. M., Ou, H. C., Otjen, J. P., Parish, H. G., Chan, D. K.
2014; 124 (6): 1481–85
 - **A Large Juvenile Xanthogranuloma within the Tongue OTOLARYNGOLOGY-HEAD AND NECK SURGERY**
Baik, F. M., Andeen, N. K., Schmechel, S. C., Futran, N. D.
2014; 150 (2): 332–33
 - **In vivo fluorescence imaging of atherosclerotic plaques with activatable cell-penetrating peptides targeting thrombin activity. Integrative biology : quantitative biosciences from nano to macro**
Olson, E. S., Whitney, M. A., Friedman, B. n., Aguilera, T. A., Crisp, J. L., Baik, F. M., Jiang, T. n., Baird, S. M., Tsimikas, S. n., Tsien, R. Y., Nguyen, Q. T.
2012; 4 (6): 595–605
 - **Comparative Case Series of Exostoses and Osteomas of the Internal Auditory Canal ANNALS OF OTOLOGY RHINOLOGY AND LARYNGOLOGY**
Baik, F. M., Nguyen, L., Doherty, J. K., Harris, J. P., Mafee, M. F., Nguyen, Q. T.
2011; 120 (4): 255–60
 - **Inverting papilloma of the temporal bone: case report and meta-analysis of risk factors. Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology**
Shen, J. n., Baik, F. n., Mafee, M. F., Peterson, M. n., Nguyen, Q. T.
2011; 32 (7): 1124–33
 - **Exostoses and Osteomas of the Internal Auditory Canal**
Nguyen, L. T., Baik, F. M., Doherty, J. K., Harris, J. P., Nguyen, Q. T.
WILEY-BLACKWELL.2010: S215
 - **An assessment of various blood collection and transfer methods used for malaria rapid diagnostic tests. Malaria journal**
Luchavez, J. n., Lintag, M. E., Coll-Black, M. n., Baik, F. n., Bell, D. n.
2007; 6: 149
 - **Regulation of TNF mediated antiapoptotic signaling in human neutrophils: role of delta-PKC and ERK1/2. Journal of leukocyte biology**
Kilpatrick, L. E., Sun, S. n., Mackie, D. n., Baik, F. n., Li, H. n., Korchak, H. M.
2006; 80 (6): 1512–21