



E. Bradley Strong, M.D.

Philosophy of Care

It's an honor to work with my patients, providing the highest quality of care in a compassionate and understanding environment. I seek to apply cutting edge research and technology, developing a patient centered treatment plan, to achieve the best possible outcomes.

Clinical Interests

Dr. Strong's clinical interests lie in both reconstructive facial plastic surgery as well as endoscopic sinus/skull base surgery. He is internationally recognized for his expertise in computer aided surgery (virtual surgical planning and visualization, rapid prototyping, 3D printing, intra-operative navigation, and intra-operative imaging) – applying these techniques for the treatment of maxillofacial trauma, sinusitis, and skull base tumors.

Research/Academic Interests

Dr. Strong's research focus is on reconstructive facial plastic surgery, rhinology, and skull base surgery. He studies minimally invasive approaches and computer aided applications in facial and skull base reconstruction. This includes the use of virtual surgical planning & visualization, rapid prototyping, 3D printing, as well as intra-operative navigation and imaging.

Title

Professor
Vice Chair
Division Chief

Specialty

Otolaryngology (ENT/Ears, Nose, Throat), Rhinology, Trauma, Reconstructive Surgery, 3D Printing - Augmented Reality

Department

[Otolaryngology](#)

Division

Head and Neck Surgery

Address/Phone

Glassrock Building, General Otolaryngology Clinic, 2521 Stockton Blvd. Suite 5200 Sacramento, CA 95817

Phone: 916-734-5400

Additional Phone

Clinic Fax: 916-734-5297
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education

M.D., Thomas Jefferson School of Medicine, Philadelphia PA 1991
B.S., Physiology, UC Davis, Davis CA 1986

Internships

Internal Medicine, University of Utah, Salt Lake City UT 1991

Residency

Otolaryngology, University of Utah, Salt Lake City UT 1992-1996

Fellowships

Facial Plastic and Reconstructive Surgery, UC Davis, Sacramento CA 1996-1997



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Board Certifications

American Board of Facial Plastic and Reconstructive Surgery
American Board of Otolaryngology
CA Medical Board, License
Fluoroscopy Certification

Professional Memberships

American Academy of Otolaryngology - Head and Neck Surgery
American Rhinologic Society
AO-ASIF North American Maxillofacial Faculty
Greater Sacramento Society of Otolaryngology
Society of Otolaryngology - Head and Neck Surgery

Honors and Awards

Sacramento Magazine's List of Best Doctors (Ear, Nose & Throat), 2011, 2012, 2015, 2017, 2018
Faculty Teaching Award, ENT Resident Graduation, UC Davis, 2014
Certificate of Merit for Outstanding Contribution, Association for the Study of Internal Fixation, 2012
Certificate of Merit for Outstanding Service, Association for the Study of Internal Fixation, 2009
Honor Award for Outstanding Service, American Academy of Otolaryngology, 2004

Select Recent Publications

Wickwire P, Kahlon S, Kazemi S, Tollefson T, Steele T, Chang J, Strong B. Improving Patient Education of Facial Fractures Using 3-Dimensional Computed Tomography. *Otolaryngol Head Neck Surg.* 2022 Apr;166(4):657-661. doi:10.1177/01945998211028523. Epub 2021 Jul 19. PMID:34280047.

Hoshal SG, Dedhia RD, Strong EB. Frontal Sinus Fractures: A Contemporary Approach in the Endoscopic Era. *Facial Plast Surg Clin North Am.* 2022 Feb;30(1):71-83. doi:10.1016/j.fsc.2021.08.006. PMID:34809888.

Bacorn C, Morisada MV, Dedhia RD, Steele TO, Strong EB, Lin LK. Traumatic Optic Neuropathy Management: A Survey Assessment of Current Practice Patterns. *J Emerg Trauma Shock.* 2021 Jul-Sep;14(3):136-142. doi:10.4103/JETS.JETS_66_20. Epub 2021 Apr 27. PMID:34759631.

Cornelius CP, Stiebler T, Mayer P, Smolka W, Kunz C, Hammer B, Jaquiéry C C, Buitrago-Téllez C, Leiggenger CS, Metzger MC, Wilde F, Audigé L, Probst M, Strong EB, Castelletti N, Prein J, Probst FA. Prediction of surface area size in orbital floor and medial orbital wall fractures based on



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topographical subregions. J Craniomaxillofac Surg. 2021 Jul;49(7):598-612. doi:10.1016/j.jcms.2020.07.010. Epub 2020 Jul 27. PMID:34020871.

Virani FR, Wilson MD, Beliveau AM, Gill AS, Strong EB, Steele TO. The Impact of Surgical Posterior Nasal Nerve Cryoablation on Symptoms and Disease-Specific Quality of Life in Patients With Chronic Rhinitis. Ear Nose Throat J. 2021 Jun 15:1455613211018576. doi:10.1177/01455613211018576. Epub ahead of print. PMID:34128402.

Gill AS, Biggs PC, Hagwood G, Beliveau AM, Shahlaie K, Strong EB, Steele TO. Health Literacy and Web-Based Audiovisual Multimedia in Pituitary and Endoscopic Skull Base Surgery. J Neurol Surg B Skull Base. 2021 May 17;83(Suppl 2):e401-e409. doi:10.1055/s-0041-1729979. PMID:35832984.

Gill AS, Hwang J, Beliveau AM, Alt JA, Strong EB, Wilson MD, Steele TO. The Impact of Medical Comorbidities on Patient Satisfaction in Chronic Rhinosinusitis. Ann Otol Rhinol Laryngol. 2021 May 12:34894211015736. doi:10.1177/00034894211015736. Epub ahead of print. PMID:33978506.

Gill AS, Virani FR, Hwang JC, Wilson MD, Beliveau AM, Strong EB, Steele TO. Preoperative Gabapentin Administration and Its Impact on Postoperative Opioid Requirement and Pain in Sinonasal Surgery. Otolaryngol Head Neck Surg. 2021 Apr;164(4):889-894. doi:10.1177/0194599820952805. Epub 2020 Sep 8. PMID:32894993.

Singh DD, Schorn L, Strong EB, Grant M, Schramm A, Hufendiek K, Gellrich NC, Rana M. Computer-Assisted Secondary Orbital Reconstruction. Craniomaxillofac Trauma Reconstr. 2021 Mar;14(1):29-35. doi:10.1177/1943387520935004. Epub 2020 Jul 9. PMID:33613833.

Gill AS, Levy JM, Wilson M, Strong EB, Steele TO. Diagnosis and Management of Depression in CRS: A Knowledge, Attitudes and Practices Survey. Int Arch Otorhinolaryngol. 2021 Jan;25(1):



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e48-e53. doi:10.1055/s-0040-1701268. Epub 2020 Apr 24. PMID:33542751.

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