



Hilary A. Brodie, M.D., Ph.D.

Clinical Interests	Dr. Brodie has a sub-specialty practice in Otolaryngology and Neurotology. His clinical focus is in hearing loss and various diseases affecting the middle and inner ears. He works with a comprehensive team of Ear Surgeons, Audiologists, and Speech Pathologists, to provide a comprehensive program on cochlear implantation. Dr. Brodie also focuses his practice on various tumors in and adjacent to the ear including vestibular schwannomas, glomus jugulare tumors, and cholesteatoma.
Research/Academic Interests	Dr. Brodie has engaged in many years of studies on the underlying mechanisms of a disease called labyrinthitis ossificans, in which new bone forms in the inner ear following diseases such as meningitis, skull fractures, and various inflammatory diseases. The significance of this research involves future cochlear implantation. If a child is deafened by meningitis and the cochlea fills with new bone deposition will hopefully allow for inhibition of the process and thereby maintain a patent cochlea. His current research is focused on understanding the microbiome of the middle ear. He is also continuing his clinical studies involving temporal bone fractures.
Title	Professor, Department of Otolaryngology/Head and Neck Surgery Chairman Emeritus, Department of Otolaryngology/Head and Neck Surgery
Specialty	Otolaryngology (ENT/Ears, Nose, Throat)
Department	Otolaryngology
Division	Head and Neck Surgery
Center/Program Affiliation	UC Davis Comprehensive Cancer Center
Address/Phone	Glassrock Building, General Otolaryngology Clinic, 2521 Stockton Blvd. Suite 5200 Sacramento, CA 95817 Phone: 916-734-5400
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., University of Colorado School of Medicine, Denver CO 1983 Ph.D., Comparative Pathology, UC Davis School of Medicine, Sacramento CA 1977 B.S., Physiological Psychology, UC Santa Barbara, Santa Barbara CA 1977
Internships	Surgery, Presbyterian Hospital, Denver CO 1983-1984
Residency	Otolaryngology - Head and Neck Surgery, UC Davis Medical Center, Sacramento CA 1987-1991



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Fellowships

Otology and Neurotology, UC Davis Medical Center, Los Angeles CA 1991-1992
Skull Base Surgery, University of Zurich, Zurich, Switzerland 1992

Board Certifications

American Board of Otolaryngology
American Board of Otolaryngology - Neurotology

Professional Memberships

American Academy of Otolaryngology - Head and Neck Surgery
American Medical Association
American Neurotology Society
American Otological Society
Association for Research in Otolaryngology
Association of Academic Departments of Otolaryngology-Head and Neck Surgery
Sacramento Society of Otolaryngology-Head and Neck Surgery
Society of University Otolaryngologists-Head and Neck Surgeons

Honors and Awards

Director of External Access, UCD Health Sacramento, 2017, 2018, 2019, 2020, 2021
Interim Chair, Neurological Surgery, 2017
President, Society of University Otolaryngologists, 2016, 2017
Chair, Department of Otolaryngology Head And Neck Surgery, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017
President of the American Neurotology Society, 2013, 2014

Select Recent Publications

Dedhia RD, Chin OY, Kaufman M, Hsieh TY, Diaz RC, Brodie HA, Funamura JL. Predicting complications of pediatric temporal bone fractures. *Int J Pediatr Otorhinolaryngol*. 2020 Nov;138:110358. doi:10.1016/j.ijporl.2020.110358. Epub 2020 Sep 1. PMID:32906079.

Goodarzi A, Toussi A, Garza N, Lechpammer M, Brodie H, Diaz RC, Shahlaie K. Internal Acoustic Canal Stenosis Due to Hyperostosis. *J Neurol Surg B Skull Base*. 2020 Jun;81(3):216-222. doi: 10.1055/s-0039-1685530. Epub 2019 Apr 22. PMID:32499994.

Hsieh TY, Timbang L, Kuhn M, Brodie H, Squires L. Assessment of Tracheostomy and Laryngectomy Knowledge among Non-Otolaryngology Physicians. *Ann Otol Rhinol Laryngol*. 2020 Feb;129(2):115-121. doi:10.1177/0003489419877198. Epub 2019 Sep 16. PMID: 31526031.



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Diaz RC, Cervenka B, Brodie HA. Treatment of Temporal Bone Fractures. *J Neurol Surg B Skull Base*. 2016 Oct;77(5):419-29. doi:10.1055/s-0036-1584197. Epub 2016 Jun 2. PMID:27648399.

Nakayama M, Masuda A, Ando KB, Arima S, Kabaya K, Inagaki A, Nakamura Y, Suzuki M, Brodie H, Diaz RC, Murakami S. A Pilot Study on the Efficacy of Continuous Positive Airway Pressure on the Manifestations of Ménière's Disease in Patients with Concomitant Obstructive Sleep Apnea Syndrome. *J Clin Sleep Med*. 2015 Oct 15;11(10):1101-7. doi:10.5664/jcsm.5080. PMID:26094927.

Farwell DG, Birchall MA, Macchiarini P, Luu QC, de Mattos AM, Gallay BJ, Perez RV, Grow MP, Ramsamooj R, Salgado MD, Brodie HA, Belafsky PC. Laryngotracheal transplantation: technical modifications and functional outcomes. *Laryngoscope*. 2013 Oct;123(10):2502-8. doi:10.1002/lary.24053. Epub 2013 Mar 11. PMID:23483551.

Tanigawa T, Tanaka H, Sato T, Banno S, Kishimoto M, Brodie H, Ueda H. Craniometaphyseal dysplasia unnoticed until 19 years of age: First diagnosed from facial nerve paralysis. *Auris Nasus Larynx*. 2011;38(3):406-10.

Nakayama M, Suzuki M, Inagaki A, Takemura K, Watanabe N, Tanigawa T, Okamoto K, Hattori H, Brodie H, Murakami S. Impaired quality of sleep in Ménière's disease patients. *J Clin Sleep Med*. 2010 Oct 15;6(5):445-9. PMID:20957844.

Diaz RC, Brodie HA. Gamma Knife and Other Stereotactic Radiotherapies for Acoustic Neuroma. *eMedicine*. 2009 April 10.

Hahn Y, Diaz R, Hartman J, Bobinski M, Brodie H. Assessing stapes piston position using computed tomography: a cadaveric study. *Otol Neurotol*. 2009 Feb;30(2):223-30. doi:10.1097/MAO.0b013e31818de5cd. PMID:19008770.



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