

Richard J. Vivero, M.D., F.A.C.S
South Florida ENT Associates, PA
6705 Red Road, Suite 600
Miami, Fl 33176
Tel: (305) 667-4515

Employment

South Florida ENT Associates, PA 7/2013 - Present
Laryngologist

Postgraduate Training

Massachusetts General Hospital/Harvard Medical School 7/2012 – 6/ 2013
Fellow, Laryngeal Surgery
Mentor: Steven Zeitels, M.D.

University of Miami/Jackson Memorial Hospital 7/2011 – 6/2012
Chief Resident, Department of Otolaryngology

University of Miami/Jackson Memorial Hospital 7/2008 – 6/2012
Otolaryngology Resident, Department of Otolaryngology

University of Miami/Jackson Memorial Hospital 7/2007 – 6/2008
Surgical Intern, Department of Otolaryngology

Education

University of Miami School of Medicine, Miami, Fl 8/2003 – 5/2007
Doctor of Medicine with *research distinction*

Harvard University, Cambridge, Ma 9/1999 – 5/2003
Bachelor of Arts in Biology, *cum laude*

Certification

Diplomate, American Board of Otolaryngology 2013 - Present
Certificate 21418

Faculty Appointments

Associate Professor, Florida International University 2014 - Present
School of Medicine

Awards and Honors

Fellow, American College of Surgeons
American Academy of Otolaryngology Resident Leadership Grant (2010, 2011)
Thomas Brown McClelland Scholar, Rotary Club of Miami (2003 – 2007)
Research Distinction, University of Miami Miller School of Medicine (2007)
Alpha Epsilon Lambda Graduate Honor Society (2006)
Cum laude, Harvard University (2003)
Harvard College Scholarship (1999-2003)
Deans List, Harvard College (1999-2003)
National Merit Finalist (1999)
National Hispanic Scholar Finalist (1999)

Committee Memberships

Voice, Swallowing, and Airway REGENT Committee – American Academy of Otolaryngology (2016 – present)
Committee on Applicants – District 2, American College of Surgeons (2015 - present)

Research

University of Miami Ear Institute, Miami, FL **2006 – 2008**
Studying the efficacy of systemic hypothermia as a protective modality for cochlear trauma by assessing cochlear hair cell survival via auditory brainstem response, distortion produced otoacoustic emissions, and caspase 3 immunohistochemical staining of whole tissue mounts.
Supervisors: Thomas Van De Water, PhD and Adrien Eshraghi, MD

NIH Short-Term Research Fellowship **Summer 2004**
Pharmacology Dept, Univ. Miami School of Medicine
Studied the interaction of yeast proteins Bud14, Nuf2, and SCD5 using molecular biology techniques, including two-hybrid analysis, gene cloning, and cell conversions, to gain a better understanding of yeast structural interactions.
Supervisor: Sandra Lemmon, PhD

Research Fellow **Summer 2000, 2001**
Neurology Dept, Univ. Miami School of Medicine
Produced organotypic cultures of hippocampal tissue and immunohistochemically stained to determine cell histology post-ischemia and recovery. Studied the effects of mechanical and chemical insults on CA1, CA2, and CA3 regions of rat neonatal hippocampal tissue. Study was part of a multi-year study to assess the biochemical pathway necessary to induce neuronal protection during brain ischemia.
Supervisor: Miguel Perez-Pinzon, PhD

Peer Reviewed Publications

Barbu AM, Gniady JP, **Vivero RJ**, Friedman AD, Burns JA. Bedside Injection Medialization Laryngoplasty in Immediate Postoperative Patients. *Otolaryngol Head Neck Surg*. 2015 Dec;153(6):1007-12.

Vivero RJ, Saint-Hilaire R, Bhatia RG, Leibowitz JM. Cricotracheal separation after gunshot to the neck: report of a survivor with recovery of bilateral vocal fold function. *J Emerg Med*. 2014 Feb;46(2):e27-30.

Alabiad CR, Weed DT, Walker TJ, **Vivero R**, Hobeika GA, Hatoum GF, Shriver EM, Tse DT. En bloc resection of lacrimal sac tumors and simultaneous orbital reconstruction: surgical and functional outcomes. *Ophthal Plast Reconstr Surg*. 2014 Nov-Dec;30(6):459-67.

Vivero RJ, Dave SP, Gomez CR, Weed DT. Giant cell tumor of the larynx: a case of malignant sarcomatous transformation. *Ear Nose Throat J*. 2013 Jun;92(6):E59.

Rosow DE, Parikh P, **Vivero RJ**, Casiano RR, Lundy DS. Considerations for initial dosing of botulinum toxin in treatment of adductor spasmodic dysphonia. *Otolaryngol Head Neck Surg*. 2013 Jun;148(6):1003-6.

Vivero RJ, Ouyang X, Kim YG, Liu W, Du L, Yan D, Liu XZ. Audiological and Genetic Features of the A3243G mutation. **Vivero RJ**, Ouyang X, Kim YG, Liu W, Du L, Yan D, Liu XZ. Audiologic and Genetic Features of the A3243G mtDNA Mutation. *Genet Test Mol Biomarkers*. 2013 May;17(5):383-9.

Eloy JA, Neskey DM, **Vivero RJ**, Ruiz JW, Choudhry OJ, Casiano RR. High-resolution computed tomography analysis of the frontal sinus ostium: A pilot study. *Am J Otolaryngol*. 2013 Mar;34(2):99-102

Wood JW, Eloy JA, **Vivero RJ**, Sargi Z, Civantos FJ, Weed DT, Morcos JJ, Castaño J, Lo K, Casiano RR. Efficacy of transnasal endoscopic resection for malignant anterior skull-base tumors. *Int Forum Allergy Rhinol*. 2012 Nov;2(6):487-95

Grobman A, **Vivero RJ**, Campuzano-Guluaga G, Ganjei-Azar P, Rosow D. Laryngeal Involvement of Multiple Myeloma," *Case Reports in Oncological Medicine*, vol. 2012, Article ID 257814, 3 pages, 2012.

Vivero RJ, Ouyang X, Yan D, Du L, Liu W, Angeli SI, Liu XZ. Mitochondrial DNA mutation screening in an ethnically diverse nonsyndromic deafness cohort. *Genet Test Mol Biomarkers*. 2012 Sep;16 (9):1146-8.

Angeli SI, Abi-Hachem RN, **Vivero RJ**, Telischi FT, Machado JJ. L-N-Acetylcysteine treatment is associated with improved hearing outcome in sudden idiopathic sensorineural hearing loss. *Acta Otolaryngol*. 2012 Apr;132(4):369-76

Lai R, Hu P, Zhu F, Zhu G, **Vivero R**, Peng A, Wu W, Xiao Z, Liu X, Xie D. Genetic diagnosis and cochlear implantation for patients with nonsyndromic hearing loss and enlarged vestibular aqueduct. *J Laryngol Otol.* 2012 Apr;126(4):349-55

Vivero RJ, Doshi PH, Eloy JA, Gomez-Fernandez C, Casiano RR. Primary sclerosing fibroinflammatory pseudotumor of the maxillary sinus. *Ear Nose Throat J.* 2011 Dec; 90(12):578-90.

Vivero RJ, Fan K, Liu X. Cochlear Implant Outcomes in the Genetically Deaf: A Review of the Literature. *Int J Pediatr Otorhinolaryngol.* 2010 Oct;74(10):1107-12.

Van De Water TR.; Abi Hachem RN.; Dinh CT.; Bas E; Haake SM.; Hoosien, G; **Vivero R**; Chan S; He J; Eshraghi AA.; Angeli SI.; Telischi FF.; Balkany TJ. Conservation of Hearing and Protection of Auditory Hair Cells against Trauma-Induced Losses by Local Dexamethasone Therapy: Molecular and Genetic Mechanisms. *Cochlear Implants International.* 2010 June; 11 (Supp 1): 42-55.

Vivero R, Fort A, Ruiz J, Roy S. Airway Implications of Congenital Sternal Agenesis. *Am J Otolaryngol.* 2010 Sep-Oct;31(5):364-7

Van De Water TR, Eshraghi AE, Dinh CT, **Vivero RJ**, Balkany TJ. Mechanisms of Hearing Loss from Trauma and Inflammation: Otoprotective Therapies from the Laboratory to the Clinic. *Acta Otolaryngol.* 2009 Jul 4:1-4.

Eloy A, **Vivero R**, Hoang K, Civantos F, Weed D, Morcos J, Casiano R. Comparison of Transnasal Endoscopic and Open Craniofacial Resection for Malignant Tumors of the Anterior Skull Base: The University of Miami Experience. *Laryngoscope.* 2009 May; 119 (5):834-40..

Vivero RJ, Roy S. Anterior glottic web. *Ear Nose Throat J.* 2008 Jul; 87(7):372-5.

Vivero R, Joseph D, He J, Chen S, Eshraghi AE, Balkany TJ, Van De Water TR. Dexamethasone Base Conserves Hearing During Cochlear Implantation. *Laryngoscope.* 2008 Nov; 118 (11):2028-35.

Roy S, **Vivero R**, Smith L. Post-transplant Lymphoproliferative Disease in Pediatric Tonsillectomy Patients. *Int J Pediatr Otorhinolaryngol.* 2008 Jun;72(6):865-8.

Germani R, **Vivero R**, Herzallah IR, Casiano R. Endoscopic Reconstruction of Large Anterior Skull Base Defects using Acellular Dermal Allograft. *Am J Rhinol.* 2007. Sep-Oct;21(5):615-8.

Roy S, **Vivero R**, Pediatric Clinic: Recurrent Respiratory Papillomatosis. *Ear Nose Throat J.* 2008 Jan;87(1):18-9.

Roy S, **Vivero R**. Pediatric Clinic: Bilateral choanal atresia in a newborn. *Ear Nose Throat J.* 2007 Oct; 86(10):608-9.

Dave S, **Vivero R**, Roy S. Facial Cutaneous Mucormycosis in a Full-Term Infant. *Arch Otolaryngol Head Neck Surg*. 2008 Feb;134(2):206-9.

Vivero R, Dave S, Roy S. Inflammatory Pseudotumor of the Trachea. *Int J Pediatr Otorhinolaryngol - Extra*. 2006 Sept; 1 (3): 217-219.

Xu GP, Dave KR, **Vivero R**, Schmidt-Kastner R, Sick TJ, Perez-Pinzon MA. Improvement in neuronal survival after ischemic preconditioning in hippocampal slice cultures. *Brain Res*. 2002 Oct 18; 952(2):153-8.

Xu GP, Dave KR, **Vivero R**, Schmidt-Kastner R, Sick TJ, Perez-Pinzon MA. Neuronal survival after ischemia and preconditioning experiments in hippocampal slice cultures evaluated by the neuron specific immunohistochemical marker NeuN and image analysis. *J Cereb Blood Flow Metab*. 21 (2001) S238.

Oral Presentations

Vivero RJ. Early Glottic Cancer: Is Radiation the Best Option in 2014? Cayman Islands 9th Annual Holiday Reception and Medical Lecture. Dec 4, 2014. Grand Cayman, Cayman Islands.

Vivero RJ. Tratamiento del Cancer Glotico. Baptist Health International Medical School Videoconference. June 11, 2014. Miami, Fl, USA.

Vivero RJ. Management of Early Glottic Cancer: 2014. 2014 Annual Medical Conference. Hospital General Plaza de la Salud. April, 25, 2014. Santo Domingo. Dominican Republic.

Vivero RJ, Rosow, DE, Punam P, Casiano RR, Lundy D. Considerations For Initial Dosing of Botulinum Toxin in Treatment of Adductor Spasmodic Dysphonia. 20th Annual Chandler Society Meeting, June 2012. Miami, Fl, USA

Vivero RJ, Rosow D. Recurrent Respiratory Papillomatosis: Current Diagnosis and Management University of Miami Department of Otolaryngology Grand Rounds, December 8, 2011. Miami, Fl, USA

Vivero RJ, Cofnas P, Ruiz JW. Multilevel Sleep Surgery: Efficacy of Lateral Pharyngoplasty and Midline Glossectomy for Management of Obstructive Sleep Apnea. Florida Society of Otolaryngology Annual Meeting, November, 2011. Orlando, Fl, USA.

Vivero RJ, Cofnas P, Ruiz JW. Outcomes of Combined Pharyngoplasty and Midline Glossectomy. 19th Annual Chandler Society Meeting, June, 2011. Orlando, Fl, USA

Vivero RJ, Angeli SI. Somatosensory Management of Tinnitus. University of Miami Department of Otolaryngology Grand Rounds, December 9, 2010. Miami, Fl, USA

Vivero RJ, Hachem RA Angeli SI. Prognostic Factors in Idiopathic Sudden Sensorineural Hearing Loss. American Academy of Otolaryngology Annual Meeting, Sept, 2010. Boston, Ma, USA

Vivero RJ, Lundy D, Landera M, Younis RT. Pediatric Dysphonia; Diagnosis and Management. University of Miami Department of Otolaryngology Grand Rounds, August 19, 2010. Miami, Fl, USA

Vivero RJ, Sargi Z. Pediatric Airway Reconstruction. University of Miami Department of Otolaryngology Grand Rounds, June 24, 2010. Miami, Fl, USA

Vivero RJ, Ouyang X, Yan D, Angeli SI, Liu XZ. Frequency of mtDNA mutations in South Florida. 18th Annual Chandler Society Meeting, June, 2010. Miami, Fl, USA

Vivero RJ, Ruiz J. Medical Management of Sinonasal Polyposis. University of Miami Department of Otolaryngology Grand Rounds, July 9, 2009. Miami, Fl, USA

Vivero R, Eloy JA, Tessema B, Casiano R. Efficacy of Transnasal Endoscopic Resection of Malignant Anterior Skull Base Tumors. 17th Annual Chandler Society Meeting, June, 2009. Miami, Fl, USA

Vivero RJ, Xue L, Angeli S. Cochlear Implantation in the Genetically Deaf. University of Miami Department of Otolaryngology Grand Rounds, May 28, 2009. Miami, Fl, USA

Vivero R, Telischi F. Inner Ear Malformations: Current Diagnosis and Management. University of Miami Department of Otolaryngology Grand Rounds, December 11, 2008. Miami, Fl, USA

Vivero R, Roy S. Treatment of Complicated and Uncomplicated Preauricular Pits. Florida Society of Otolaryngology – 2008 Annual Meeting. November, 2008. Naples, Fl, USA.

Vivero R, Simons R, Grunebaum LD. Facial Implant Technology: Advancement and Applications in Rhinoplasty. University of Miami Department of Otolaryngology Grand Rounds, October 2, 2008. Miami, Fl, USA

Roy S, **Vivero R**, Ruiz J. Congenital Agenesis of the Sternum. Society for Ear, Nose, and Throat Advancements in Children (SENTAC) – 2007 Annual Meeting. December 2007. Milwaukee, Wi, USA.

Poster Presentations

Rosow, DE, **Vivero RJ**, Punam P, Casiano RR, Lundy D. Considerations For Initial Dosing of Botulinum Toxin in Treatment of Adductor Spasmodic Dysphonia. Accepted. American Academy of Otolaryngology Annual Meeting, Sept, 2012. Washington DC, USA

Vivero RJ, Wood J, Sargi Z. Fourth Branchial Sinus Communication with the Esophagus: A Rare Occurrence. Triologic Society Combined Section Meeting. Jan, 2012. Miami Beach, FL, USA.

Kim YG, **Vivero RJ**, Leibowitz J. Diagnostic Considerations in Metastatic Breast Carcinoma to the Masseter Muscle: A Case Report. Triologic Society Combined Section Meeting. Jan, 2011. Miami Beach, FL, USA.

Vivero RJ, Cofnas P, Ruiz JW. Efficacy of Lateral Pharyngoplasty and Midline Glossectomy for Management of Obstructive Sleep Apnea. American Academy of Otolaryngology Annual Meeting, Sept, 2011. San Francisco, Ca, USA.

Vivero RJ, Cofnas P, Ruiz JW. Morbidity of Combined Lateral Pharyngoplasty and Midline Glossectomy for Management of Obstructive Sleep Apnea. American Academy of Otolaryngology Annual Meeting, Sept, 2011. San Francisco, Ca, USA.

Alabiad C, Walker TJ, **Vivero RJ**, Hatoum G, Weed DT, Tse D. A Novel Approach to Resection and Reconstruction of Patients with Lacrimal Sac Tumors. American Society of Ophthalmic Plastic & Reconstructive Surgery Fall Scientific Symposium. October 13, 2010. Chicago, Il. USA.

Vivero RJ, Ouyang X, Yan D, Liu XZ. Genotype-Phenotype Correlation of mtDNA Mutations Over 3 Generations. American Academy of Otolaryngology Annual Meeting, Sept, 2010. Boston, Ma, USA.

Vivero RJ, Ouyang X, Yan D, Angeli Si, Liu XZ. Frequency of mtDNA Mutations in Nonsyndromic Hearing Loss. Triologic Society Annual Meeting, April, 2009. Las Vegas, NV, USA.

Vivero R, Dave S, Weed T. Giant Cell Tumor of the Larynx. Triologic Society Southern Section Meeting. January, 2009. Bonita Springs, FL, USA.

Neskey D, Eloy JA, **Vivero R**, Casiano RR. High-resolution computed tomography analysis of the frontal sinus ostium. American Rhinologic Society – Annual Meeting. Sept, 2008. Chicago, Il. USA.

Vivero R, Doshi P, Eloy JA, Gomez C, Casiano RR. Sclerosing Pseudotumor of the Maxillary Sinus. American Rhinologic Society – Annual Meeting. Sept, 2008. Chicago, Il. USA.

Vivero R, Roy S. Treatment of Complicated and Uncomplicated Preauricular Pits. American Academy of Otolaryngology- Head and Neck Surgery – 2008 Annual Meeting. Sept, 2008. Chicago, Il, USA.

Eshraghi AE, **Vivero R**, Joseph D, He J, Balkany T, Van De Water TR. Scala Tympani Infusion with Dexamethasone Base (DXMb) in Artificial Perilymph Protects Against Electrode

Trauma-Induced Hearing Loss. The Association for Research in Otolaryngology – Mid Winter Meeting. February 2008. Phoenix, Az, USA

Vivero R, Joseph D, He J, Chen S, Eshraghi AE, Balkany TJ, Van De Water TR. Dexamethasone Conserves Hearing during Cochlear Implantation. American Academy of Otolaryngology – Head and Neck Surgery - 2007 Annual Scientific Forum Meeting. Sept 2007. Washington, DC, USA

Dave S, **Vivero R**, Roy S. Facial Cutaneous Mucormycosis in a Full-Term Infant. American Society of Pediatric Otolaryngology (ASPO)- Twenty Second Annual Meeting. April 2007. San Diego, Ca, USA.

Vivero R, Joseph D, He J. Chen S, Eshraghi A, Balkany T, Van De Water T. Local Treatment of the Cochlea With Dexamethasone Conserves Auditory Function During and After Cochlear Implant Insertion Trauma. Eastern Atlantic Student Research Forum - 2007 Meeting. February 2007. Miami, Fl, USA

Vivero R, Dave S, Roy S. Inflammatory Pseudotumor of the Trachea. Society for Ear, Nose, and Throat Advances in Children (SENTAC) – 2006 Annual Meeting. December 2006. San Francisco, Ca, USA.

Other Presentations

Barbu A, Gniady JP, **Vivero R**, Friedman A, Burns JA. Bedside Injection Medialization Laryngoplasty in the Acute Care Setting. American Laryngological Association Annual Meeting, April 10-11, 2013.

Grobman A, **Vivero RJ**, Campuzano-Guluaga G, Ganjei-Azar P, Rosow D. Laryngeal Involvement of Multiple Myeloma. Florida Society of Otolaryngology Annual Meeting, October 19-21, 2012. Naples, Fl, USA.

Eshraghi A, **Vivero RJ**. Integrative Approach to Treat Tinnitus. Division of Complementary Medicine. Dept of Family Medicine, University of Miami, June 9, 2012. Miami, Fl, USA.

Rosow DE, **Vivero RJ**, Wood JW. A Novel Technique for Endoscopic Management of Complete Supraglottic Stenosis. New York University The Fall Voice Conference, October 4 – 6, 2012.

Angeli SI, Hachem R, **Vivero RJ**, Telischi F, Machado JJ. L-N-Acetylcysteine Treatment Is Associated with Improved Hearing Outcome in Idiopathic Sudden Sensorineural Hearing Loss. Collegium Oto-Rhino-Laryngologicum A.S, September 4-6, 2011. Bruges, Belgium

Wood J, **Vivero RJ**, Anderson JA, Casiano R. Endoscopic Management of Anterior Skull Base Neoplasms. American Rhinologic Society Annual Meeting, Sept, 2011. San Francisco, Ca, USA.

Wood J, **Vivero RJ**, Tessema B, Casiano R. Endoscopic Management of Anterior Skull Base Neoplasms. 19th Annual Chandler Society Meeting, June, 2011. Miami, Fl. USA

Alabiad C, Walker TJ, **Vivero RJ**, Hatoum G, Weed DT, Tse D. A Novel Approach to Resection and Reconstruction of Patients with Lacrimal Sac Tumors. Bascom Palmer Eye Insitute Residents' Days 2010. June 18, 2010. Miami, Fl. USA

Eloy A, **Vivero R**, Hoang K, Civantos F, Weed D, Morcos J, Casiano R. Comparison of Transnasal Endoscopic and Open Craniofacial Resection for Malignant Tumors of the Anterior Skull Base: The University of Miami Experience. American Rhinologic Society Annual Meeting. May, 2008. Orlando, Fl. USA.

Van De Water TR, **Vivero R**, Haake S, Joseph D, Dinh C, Hoang K, Eshraghi AE, Balkany TJ. Is a Drug Eluting Cochlear Implant Feasible and If So What Is a Good Candidate Drug for the Conservation Of Hearing? 10th International Conference on Cochlear Implants and Other Implantable Auditory Technologies. April, 2008. San Diego, Ca. USA.

Van De Water TR, **Vivero R**, Haake S, Joseph D, Dinh C, Chen S, He J, Hoang K, Eshraghi AE, Overstreet E, Balkany TJ, A Drug Eluting Cochlear Implant to Conserve Residual Hearing: Can It Work and What Is a Good Candidate Drug? 8th Bionics European Research Group Meeting & 8th European Investigators' Conference. March, 2008, Marrakech, Morocco.

Van De Water TR, Dinh C, Haake S, Chen S, **Vivero R**, Hoang K, Eshraghi AE, Balkany TJ. Biopolymer Released Dexamethasone Prevents Tumor Necrosis Factor- Alpha Induced Loss of Auditory Hair Cells: Implications Toward Development of a Drug Eluting Cochlear Implant Electrode. American Otologic Society – Annual Combined Section Meeting. May 2008. Orlando, Fl, USA.

Van De Water TR, **Vivero R**, Joseph D, Haake S, Eshraghi AE, Alava I, Brickman D, Chen S, He J, Overstreet E, Pham L, Singhai A, Brito S, Balkany TJ. A Drug Eluting Cochlear Implant to conserve residual hearing: Can It Work and What Is a Good Candidate Drug? Sixth Asia Pacific Conference on Cochlear Implants and Related Sciences, November 2007. Sydney, Australia.

Germani R, **Vivero R**, Herzallah I, Casiano R. Endoscopic Reconstruction of Large Anterior Skull Base Defects using Acellular Dermal Allograft. American Rhinologic Society Annual Meeting. April 2007. San Diego, Ca, USA

Germani R, **Vivero R**, Casiano R. Endoscopic Reconstruction of Large Anterior Skull Base Defects using Acellular Dermal Allograft. Chandler Society Resident and Fellow Scientific Forum. June 2006. Marathon, Fl, USA

Book Chapters

Ayad T, **Vivero RJ**, Weed DT. Head & Neck Surgery. *Handbook of Head and Neck*

Oncology. In press.

Herman B, **Vivero R**, and Liu XZ. Cochlear Implantation in individuals with Usher Syndrome: in Satpal Ahuja (Sweden), editor: Usher syndrome, the Nova Science Publishers, 2011.

Other Publications

Roy S, **Vivero R**: Otitis Media: Diagnosis and Treatment. *Prohealth Magazine*, November – December 2007, pg 5-6.

Professional Affiliations

American Academy of Otolaryngology – Head & Neck Surgery
American College of Surgeons
Florida Society of Otolaryngology

Hobbies and Interests

Innovative cuisine, technological innovation, cars, travel, and water sports