

Curriculum Vitae
Dary J. Costa, MD

Personal Information

SSM Cardinal Glennon Children's Medical Center
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Current position, Department of Otolaryngology–Head and Neck Surgery Saint Louis University

Division Director, Pediatric Otolaryngology 07/14–Present
Assistant Professor 08/11–Present

Education

Fellowship in Pediatric Otolaryngology 07/10–06/11
Washington University, St. Louis, MO

Resident in Otolaryngology – Head and Neck Surgery 07/06–06/10
Saint Louis University School of Medicine, St. Louis, MO

Internship in General Surgery 07/05–06/06
Saint Louis University School of Medicine, St. Louis, MO

Doctor of Medicine 08/01–05/05
Southern Illinois University School of Medicine, Springfield, IL

Bachelors of Science 08/97–05/01
University of Illinois Urbana-Champaign, Urbana, IL

Hospital and Clinical Staff appointments

SSM St. Mary's Hospital 11/13–Present
SSM Cardinal Glennon Children's Medical Center 08/11–Present
Saint Louis University Hospital 08/11–Present

Board Certification and Licensure

Board Certification
Otolaryngology Head and Neck Surgery 06/11–Present

State Medical License
Missouri 2010–Present

Professional Society Memberships

American College of Surgeons 2016–Present
St. Louis ENT club 2016–Present
American Society of Pediatric Otolaryngology 2015–Present
Missouri Society of Otolaryngology 2013–Present
Missouri State Medical Society 2011–Present
American Academy of Otolaryngology–Head & Neck Surgery 2006–Present

Alpha Omega Alpha Honor Medical Society	2004–Present
American Medical Association	2001–Present

Honorary Societies, Honors and Awards

St. Luke’s Faithful Healer Award, Nominee	2016–2017
St. Louis Magazine, “Best Doctors”	2013–2017
Ambassador Choice Award for Exceptional Medical Care	2013–2017
St. Louis University Otolaryngology Academic Professor of the Year	2014
SSM Cardinal Glennon Ambassador Choice Award for Clinical Excellence	2013–2014
“Top Banana” for excellence in teaching medical students	2010
Saint Louis University Caring Physician Award Nominee	2009
Ogura-Harkins Resident Award, second place for case presentation	2007
Missouri State Medical Association, second place for case presentation	2007
Academic Scholarship from the Southern Illinois University Alumni Foundation	2004
Inducted into Alpha Omega Alpha as a junior medical student	2004
Honors in all clinical clerkships, Southern Illinois University School of Medicine	2003
McGraw-Hill/Appleton & Lange Award for academic excellence	2002
Summa Cum Laude Bachelors in Biology	2001

Professional Services

Saint Louis University

Resident Education Committee, Member	2014–Present
Risk Management Peer Review Committee, Member	07/11–Present
Saint Louis University Hospital Ethics Committee, Member	12/07–06/10

SSM Health Cardinal Glennon Children’s Hospital

Cardinal Glennon Critical Airway Process Team, Member	2015–Present
Cardinal Glennon Operating Room Committee, Member	2015–Present
Residency Site Director	2014–Present
Operating Room Committee, Member	07/14–Present
Medical Executive Committee, Member	07/13–Present
Anesthesia Efficiency Task Force, Member	2013–Present

Editorial and Journal Review Boards

Laryngoscope, Reviewer	2016–Present
Annals of Otolaryngology, Rhinology & Laryngology, Reviewer	2017–Present

Miscellaneous

Alpha Omega Alpha Selection Committee, Member	2015–Present
Student Advisory Committee, SIU School of Medicine, Member	03/02–05/05

Current and Past Teaching Responsibilities

Medical student head & neck exam, Instructor	04/12–Present
Resident dissection course, Instructor	09/11–Present
Resident temporal bone lab, Instructor	08/11–Present
Daily teaching of residents and medical students	08/11–Present

Protégé

Mentor for Otolaryngology Resident Sean Massa, MD	07/13–Present
Mentor for Otolaryngology Resident Sean Miller, MD	10/11–06/13

Research SupportPast Funding:

Funding Agency: Otonomy, Inc	2014
Title: A prospective, randomized, double-blind, placebo-controlled, multicenter, phase 3 study of OTO-201 given as a single intratympanic injection for intra-operative treatment of middle ear effusion in peridatric subjects requiring tympanostomy tube placement.	

Active Research Projects

1. SimTube Study (resident training simulation project). Brinkmeier JV, **Costa DJ**, Walen SG.
2. Role of FOXP3+ CD4+ and FOXP3+ CD8+ T regulatory cells in obstructive sleep apnea. Sanford TR, Mikulec AA, **Costa DJ**, Stith JA, Wild AP, Walker RJ, Rajeev A.

Bibliography**Peer Reviewed Articles:**

1. **Costa D**, Peterson W, Ioffreda M, Isaacson J. Pathology quiz case 1. Xanthogranuloma. Arch Otolaryngol Head Neck Surg. 2006 Feb;132(2):220, 222.
2. **Costa DJ**, Mitchell RB, Brink DS. Congenital/infantile fibrosarcoma in a 3-week-old boy. Ear Nose Throat J. 2008 Apr;87(4):196, 198.
3. **Costa DJ**, Mitchell R. Adenotonsillectomy for obstructive sleep apnea in obese children: A meta-analysis. Otolaryngol Head Neck Surg. 2009 Apr;140(4):455-60.
4. **Costa DJ**, Varvares MA, Bieneman BK. Fistula between the carotid artery and larynx in a 67-year-old man. Ear Nose Throat J. 2009 Aug;88(8):1030-2.
5. **Costa DJ**, Sindwani R. Advances in surgical navigation. Otolaryngol Clin North Am. 2009 Oct;42(5):799-811, ix.
6. **Costa DJ**, Stith JA. Posterior glottic web in a 6-year-old boy. Ear Nose Throat J. 2009 Oct;88(10):1154-5.
7. **Costa DJ**, Sanford T, Janney C, Cooper M, Sindwani R. Radiographic and anatomic characterization of the nasal septal swell body. Arch Otolaryngol Head Neck Surg. 2010 Nov;136(11):1107-10.
8. Oakley GM, **Costa DJ**, Mitchell RB, Sotelo C. Osteosarcoma of the skull base in a 15-year-old boy. Ear Nose Throat J. 2011 Oct;90(10):479-80.
9. Karimnejad K, **Costa DJ**. Otolaryngologic surgery in children with trisomy 18 and 13. Int J Pediatr Otorhinolaryngol. 2015 Nov;79(11):1831-3.
10. **Costa DJ**, Walen S, Varvares M, Walker R. Scalp Rotation Flap for Reconstruction of Complex Soft Tissue Defects. J Neurol Surg B Skull Base. 2016 Feb;77(1):32-7.

11. Karimnejad K, Rohde RL, **Costa DJ**. A Congenital Nasal Mass Causing Respiratory Distress. JAMA Otolaryngol Head Neck Surg. 2017 Apr 1;143(4):417-418.
12. Pierson MJ, Wehrmann D, Albers JA, El Tecle NE, **Costa D**, Elbabaa SK. Programmable Shunt Valve Interactions with Osseointegrated Hearing Devices. J Neurosurg Pediatr. 2017 Apr;19(4):384-390.
13. Karimnejad K, Nelson EJ, Rohde RL, **Costa DJ**. External Auditory Canal Foreign Body Extraction Outcomes. Ann Otol Rhinol Laryngol. 2017 Nov;126(11):755-761.
14. Jumaily M, Franco J, Gallogly JA, Hentzelman JL, **Costa DJ**, Wild APK, Mikulec AA. Butterfly cartilage tympanoplasty outcomes: A single-institution experience and literature review. Am J Otolaryngol. 2018 Mar 29.
15. Challapalli SD, Simpson MC, Adjei Boakye E, Pannu JS, **Costa DJ**, Osazuwa-Peters N. Head and Neck Squamous Cell Carcinoma in Adolescents and Young Adults: Survivorship Patterns and Disparities. J Adolesc Young Adult Oncol. 2018 May 10.

Book Chapters

1. **Costa D**, Sanford T, Sindwani R. Image-guided surgery of the paranasal sinuses in Rhinology and Facial Plastic Surgery. Editors: Stucker F, de Souza C, Kenyon G, Lian T, Draf W. Springer-Verlag, Germany. 2009, pages 527-41.

Monographs, review articles, case reports:

1. **Costa D**, Peterson W, Ioffreda M, Isaacson J. Pathology quiz case 1. Xanthogranuloma. Arch Otolaryngol Head Neck Surg. 2006;132:220, 222.
2. **Costa DJ**, Mitchell RB, Brink DS. Congenital/infantile fibrosarcoma in a 3-week-old boy. Ear Nose Throat J. 2008 Apr;87(4):196, 198.
3. **Costa DJ**, Varvares MA, Bieneman BK. Fistula between the carotid artery and larynx in a 67-year-old man. Ear Nose Throat J. 2009 Aug;88(8):1030-2.
4. **Costa DJ**, Stith JA. Posterior glottic web in a 6-year-old boy. Ear Nose Throat J. 2009 Oct;88(10):1154-5.
5. **Costa DJ**, Sindwani R. Advances in Surgical Navigation. Otolaryngol Clin N Am. 2009 Oct;42(5):799-811.
6. Oakely GM, **Costa DJ**, Mitchell RB, Sotelo C. Osteosarcoma of the skull base in a 15- year-old boy. Ear Nose Throat J. 2011 Oct;90(10):479-80.
7. Karimnejad K, Rohde R, **Costa DJ**. A congenital nasal mass causing respiratory distress. JAMA Otolaryngology. 2016 Dec 8.

Abstracts

Presentations at National Meetings

1. Harris DA, **Costa D**, Katsantonis G. Case study: Rare middle ear carcinoid tumor resulting in sensorineural hearing loss. American Auditory Society Meeting; Scottsdale, AZ; 03/08. (Poster)

2. **Costa DJ**, Varvares MA. Laryngocarotid fistula undetected by computed tomographic angiography: Case report and literature review. 7th International Conference on Head and Neck Cancer; San Francisco, CA; 07/08. (Poster)
3. **Costa DJ**, Mitchell R. Adenotonsillectomy for obstructive sleep apnea in obese children: A meta-analysis. American Academy of Otolaryngology Head & Neck Surgery; Chicago, IL; 09/08. (Podium)
4. **Costa DJ**, Varvares MA, Walker R. The scalp rotation flap for reconstruction of complex soft tissue defects. 8th International Conference on Head and Neck Cancer; Toronto, Canada; 07/12. (Poster)
5. Russell HA, Lubsch L, **Costa DJ**. Evaluation of the Use of Ciprofloxacin/Dexamethasone Otic Drops in Pediatric Airway Patients: A Retrospective Chart Review. 49th American Society of Health-System Pharmacists Midyear Clinical Meeting; Anaheim, CA; 12/14. (Poster)
6. Karimnejad K, **Costa DJ**. Otolaryngologic surgery in children with Trisomy 13 and 18. American Society of Pediatric Otolaryngology; Boston, MA; 04/15. (Poster)
7. Pierson MJ, Wehrmann D, Albers JA, El Tecle NE, **Costa D**, Elbabaa SK. Programmable shunt valve interactions with osseointegrated hearing devices. AANS/CNS Section on Pediatric Neurosurgery 45th Annual Meeting; Orlando, FL; 12/16. (Poster)
8. Karimnejad K, Nelson EJ, Rebecca RL, **Costa DJ**. External Auditory Canal Foreign Body Extraction Outcomes. ASPO Annual Meeting; Austin, TX; 05/17. (Poster)

Supplemental Material

Invited Talks/Grand Rounds

1. **Pediatric Thyroid Nodules**. Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; 05/17.
2. **Pediatric Thyroid Nodules**. Midwest Pediatric ENT consortium; 10/16.
3. **Nasoseptal flap**. 4th Annual Department of Neurosurgery Combined Ventricular and Skull Base Endoscopy Course for Neurosurgeons: Hands-on Cadaver Course, Saint Louis University; 09/16.
4. **Prosection - approach to sella**. 4th Annual Department of Neurosurgery Combined Ventricular and Skull Base Endoscopy Course for Neurosurgeons: Hands-on Cadaver Course, Saint Louis University; 09/16.
5. **Pediatric temporal bone fractures**. 2016 Midwest Pediatric Trauma Conference; St. Charles, MO; 06/16.
6. **Influence of Clinical Setting on Aural Foreign Body Extraction Outcomes**. 26th Annual William B. Harkins Memorial Lecture and Research Forum, Saint Louis University Department of Otolaryngology-Head and Neck Surgery; 06/16.
7. **Surgical treatment of pediatric airway disorders**. Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; 02/16.

8. **ENT topics in neonatology.** Grand Rounds, Division of Neonatology, Saint Louis University; *06/15*.
9. **Pediatric Sinusitis.** Midwest Resident Update in Rhinology; *08/14*.
10. **Otolaryngologic manifestations of Trisomy 13 and 18.** 24th Annual William B. Harkins Memorial Lecture and Research Forum, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *06/14*.
11. **Vascular Rings and Slings.** Grand Rounds, Department of Otolaryngology-Head and Neck Surgery; Saint Louis University; *05/14*.
12. **Endoscopic airway techniques.** Missouri Society of Otolaryngology, St. Louis, MO; *03/14*.
13. **Nasal obstruction in infants.** Combined Missouri/Arkansas Otolaryngology Conference, Ridgedale, MO; *10/13*.
14. **Endoscopic Airway Techniques.** Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *05/13*.
15. **Pediatric Sinusitis.** Midwest Resident Update in Rhinology, St. Louis, MO; *03/13*.
16. **Airway Obstruction in Children.** Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *10/12*.
17. **Nasal Obstruction in Infants.** Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *05/12*.
18. **Pediatric Sinusitis.** Midwest Resident Update in Rhinology, St. Louis, MO; *01/12*.
19. **Pediatric Sinusitis.** Midwest Resident Update in Rhinology, St. Louis, MO; *06/11*.
20. **Orbital and Periorbital cellulitis.** Grand Rounds, Department of Pediatrics, Washington University School of Medicine; *02/11*.
21. **Pediatric Sinusitis.** Pediatric Primary Immunodeficiency Conference, St. Louis, MO; *10/10*.
22. **Scalp rotation flap for reconstruction of complex scalp defects.** 20th Annual William B. Harkins Memorial Lecture and Research Forum, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *06/10*.
23. **Noise-induced hearing loss.** Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *11/09*.
24. **Skull base osteosarcoma,** Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *10/09*.
25. **Non-surgical therapy for obstructive sleep apnea in children.** 19th Annual William B. Harkins Memorial Lecture and Research Forum, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *06/09*.

26. **Congenital nasal masses**, Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *11/08*.
27. **Adenotonsillectomy for obstructive sleep apnea in obese patients**. 18th Annual William B. Harkins Memorial Lecture and Research Forum, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *06/08*.
28. **Adenotonsillectomy for obstructive sleep apnea in obese patients**. Pediatric Science Day. Cardinal Glennon Children's Medical Center, Saint Louis, MO; *04/08*.
29. **Viruses in head and neck carcinogenesis**. Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *02/08*.
30. **Anatomic and histologic characterization of the nasal septal swell body**. 17th Annual William B. Harkins Memorial Lecture and Research Forum, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *06/07*.
31. **Management of penetrating neck trauma**. Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *04/07*.
32. **Treatment of tonsillar squamous cell carcinoma**, Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *09/04*.

Teaching Conferences

1. Resident skills session. Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *07/16*.
2. Pediatric neck masses. Department of Otolaryngology-Head and Neck Surgery, Washington University St. Louis; *11/10*.
3. Blepharoplasty. Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *02/10*.
4. Medullary thyroid carcinoma. Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *09/09*.
5. Branchial anomalies. Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *01/09*.
6. Refractory recurrent respiratory papillomas. Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; *04/08*.
7. Temporal bone gunshot injuries. Department of Otolaryngology-Head and Neck Surgery; Saint Louis University, *01/08*.
8. Retained foreign bodies. Department of Otolaryngology-Head and Neck Surgery; Saint Louis University, *09/07*.

9. Parotid abscess. Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; 07/07.
10. Unilateral vocal fold paralysis. Department of Otolaryngology-Head and Neck Surgery, Saint Louis University; 03/06.
11. Carotid fibromuscular dysplasia. Department of Surgery, Saint Louis University; 07/05.

Media and Publicity

1. "Town & Style" "Progress in Pediatrics - Helping children hear with cochlear implants." <http://townandstyle.com/greatest-gift-slucare-physician-group/>.10/15.
2. Live studio interview local NBC affiliate KSDK, "How to decide if your child needs tubes." <http://www.ksdk.com/story/entertainment/2015/03/16/how-to-decide-if-your-child-needs-ear-tubes/24859677/.03/15>.
3. Obese Children with Sleep Disorders May Be Helped, But Not Cured, By Surgery. <http://www.medicalnewstoday.com/articles/122453.php>.09/08.

Community Service/Civic Activities:

Neighborhood Database, manager	2015–Present
Walk 4 Hearing Team Captain	2014
World Pediatric Project, consultant	2011–Present
Alzheimer's Association Walk, participant	2011–2013
Special Friends Program for pediatric cancer patients, volunteer, Springfield, IL	2002–2005
Habitat for Humanity, volunteer, Springfield, IL	2004
Grade School Student Mentor, Springfield, IL	2002–2003
Orpheum Children's Science Museum, volunteer, Champaign, IL	1998–2001