

Matthew L. Rontal, MD

PROFILE

I am an otolaryngologist and craniofacial surgeon specializing in reconstruction of defects of the face, head, and neck resulting from congenital defects, tumor, and trauma.

EXPERIENCE

Partner. Rontal Clinic, Royal Oak, Michigan – 2010-present

Assistant Professor. Department of Surgery. Oakland University Medical School/William Beaumont Hospital – 2016-present

Attending Physician. Department of Surgery. William Beaumont Health System – 2007-present

Attending Physician. Department of Surgery and Craniofacial Institute, Saint John Providence Medical Center, Southfield, Michigan – 2006-2010.

EDUCATION

Fellow – AO-ASIF –AAFP RS Craniomaxillofacial and Facial Plastic and Reconstructive Surgery, SUNY Upstate Medical Center, Syracuse, NY – 2005-2006

Resident – Otolaryngology – Head and Neck Surgery, University of Michigan Medical Center, Ann Arbor, Michigan – 2000-2005

Post-doctoral Fellowship – Developmental Neuro-Otology, Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania – 1998-2000

Transitional Year Internship – Department of Internal Medicine, Albert Einstein Medical Center, Philadelphia, Pennsylvania – 1997-1998

MD – University of Michigan Medical School, Ann Arbor, Michigan – 1993-1997

BA, History – University of Michigan, College of Literature, Science and Arts – 1989-1993

Diploma – Andover High School, Bloomfield Hills, Michigan – 1986-1989

MEMBERSHIPS AND SOCIETIES

American Board of Otolaryngology Head and Neck Surgery. Diplomate 2006 - present

American Medical Association. 2006 - present

American Cleft Palate Craniofacial Association. 2016 - present

Michigan Otolaryngologic Society. 2016 - present

Virtual Center for Velocardiofacial Syndrome. 2014 - present

HONORS AND AWARDS

John L. Kemink Award for Best Clinical Paper – Department of Otolaryngology – Head and Neck Surgery – 2005

Plastic and Reconstructive Surgery Research Grant – \$15,000. American Head and Neck Society, Synthes Corporation: *Ex-vivo Gene Therapy Directed Osteogenesis in Infected Wounds* – 2003

Graduated with Distinction – University of Michigan , College of Literature, Science and Arts – 1993

Dean's List – University of Michigan, College of Literature, Science and Arts – 1990, 1993

RESEARCH ACTIVITIES

Grant-funded Resident Research Position – University of Michigan Dental School, Ann Arbor, Michigan – projects in ex-vivo gene therapy directed osteogenesis. MPREOP, Michigan Preoperative Risk Evaluation in Otolaryngology Patients – 2003-2005

Post-doctoral Fellow – Department of Otolaryngology, University of Pennsylvania – 1998-2000

Research Technician – Kresge Hearing Research Institute, University of Michigan, Ann Arbor, Michigan – 1991-1992

PEER-REVIEWED PUBLICATIONS

1. Comparison of three different surgical techniques for designing pharyngeal flaps according to findings of videonasopharyngoscopy and multiplanar videofluoroscopy.
2. Ysunza PA, Chaiyasate K, Rontal M, Shaheen K, Bartholomew B. International Journal Pediatric Otorhinolaryngology. 2019 May; 120: 123-129
3. Ysunza PA, Bloom D, Chaiyasate K, Rontal M, VanHulle R, Haheen K, Gibson D. Velopharyngeal videofluoroscopy: Providing useful information in the area of reduced dose radiation and safety. Ysunza PA, Bloom D, Chaiyasate K, Rontal, M VanHulle R, Shaheen K, Gibson D. International Journal of Pediatric Otorhinolaryngology. 2016 Oct; 89: 127-32
4. Current Controversies in Diagnosis and Management of Cleft Palate and Velopharyngeal Insufficiency. Ysunza PA, Repetto, GM, Pamplona MC, Calderon JF, Chaiyasate K, Rontal M. BioMed Research International 2015, Jul 26

5. A Shetty, GE Bello-Rojas, ML Rontal, IT Jackson. Long-term Results of Craniofacial Implantation: A Return to Methylmethacrylate. *European Journal of Plastic Surgery*. February 2012, Vol 35(2), pp177-180
6. Rontal ML: State of the art in craniomaxillofacial trauma – Frontal sinus. *Curr Opin Otolaryngology Head and Neck Surg*. 2008 Aug;16(4);381-6
7. Echterler SM, Magardino T, Rontal ML: Spatiotemporal patterns of neuronal programmed cell death during postnatal development of the gerbil cochlea. *Developmental Brain Research* 2005, Jun, 30; 157(2); 192-200
8. Kagan SH, Chalian AA, Goldberg AN, Rontal ML, et al: Impact of age on clinical care pathway length of stay after complex head and neck resection. *Head and Neck*, 2002, Jun; 24(6):545-8

BOOK CHAPTERS

1. Kellman RM, Rontal ML: FACE. In: *Trauma*, 6th Edition, McGraw-Hill, pp 437-467. 2007
2. Rontal ML, Pieper DR, Perez-Cruet MJ: TRANSORAL AND TRANSNASAL APPROACHES TO THE CRANIOCERVICAL JUNCTION. In: *An Anatomical Approach to Minimally Invasive Spine Surgery*, Thieme Verlagsgruppe, 2019, pp181-190

PRESENTATIONS

1. Rontal ML, Anatomy of the velopharynx, implications for velopharyngeal reconstruction. Actualización e innovaciones para el tapamiento quirurgico de Insuficiencia Velofaringea. Hospital Infantil de Mexico Federico Gomez. Mexico City, Mexico. 21 May, 2018
2. Rontal ML, Secondary Reconstruction of the Velopharynx in Cleft Palate. Actualización e innovaciones para el tapamiento quirurgico de Insuficiencia Velofaringea. Hospital Infantil de Mexico Federico Gomez. Mexico City, Mexico. 21 May, 2018
3. Rontal ML, Ysunza PA. Tonsillectomy and Adenoidectomy Prior to Secondary Reconstruction of the Velopharynx, When and Why? Actualización e innovaciones para el tapamiento quirurgico de Insuficiencia Velofaringea. Hospital Infantil de Mexico Federico Gomez. Mexico City, Mexico. 21 May, 2018
4. Rontal ML, Ysunza PA. Anatomy and Secondary Reconstruction of the Velopharynx in Cleft Palate. Asociacion Mexicana de Labio, Paladar Hendido y Anomalias Craneofaciales. Mexico City, Mexico. 22 May, 2018
5. Rontal ML, Oromandibular Reconstruction, Osteocutaneous Radial Forearm Free Tissue Transfer, Rehabilitation Implications. Beaumont Rehabilitation Services Oncology Rehabilitation Symposium. 9 September, 2017
6. Rontal ML. Challenges in Free Flap Reconstruction in the Private Practice Setting. Henry Ford Hospital, Department of Otolaryngology. 14 December, 2016
7. Rontal ML, Endoscopic Assisted Transbuccal Fixation in Oromandibular Reconstruction. William Beaumont Hospital, Oakland University Medical School. 6 November, 2015
8. Rontal ML. Transphenoidal Surgery, Technique and Considerations in Approach and Reconstruction. Minimally Invasive Neurosurgical Society. Breckenridge, Colorado. 16 July, 2015
9. Rontal ML. Analysis of the Nose, Key Factors in Planning Revision Surgery. Mid-Year Seminar of the AOCOO-HNS Foundation. Detroit, Michigan. 22 September, 2013

10. Rontal ML. Reconstruction of the Total Anterior Glossectomy Defect. Multidisciplinary Approach to Head and Neck Cancer, 3rd Annual Symposium. William Beaumont Hospital, Oakland University Medical School. 13 September 2013
11. Rontal ML. Combined Approaches to the Skull Base. Minimally Invasive Neurosurgical Society. Detroit, MI. 11 August, 2013
12. Rontal ML. Nasopharyngeal Anatomy, Endoscopic Considerations. Minimally Invasive Neurosurgical Society. Auburn Hills, Michigan. 8 August, 2013
13. Rontal ML. Reconsidering Regional Flaps in Head and Neck Reconstruction, Supraclavicular Flap, Infrahyoid Flap. Michigan Otolaryngologic Society. Bay Harbor, Michigan. 19 July, 2013
14. Rontal ML. Management of the Unilateral Cleft Lip Deformity. First International Craniofacial Anomalies Congress. Suleyman Demirel University. Isparta, Turkey. 25 April, 2013.
15. Rontal ML. Primary Management of the Unilateral Cleft Nasal Deformity. First International Craniofacial Anomalies Congress. Suleyman Demirel University. Isparta, Turkey. 25 April, 2013.
16. Rontal ML. Endoscopic and Robotic Applications in Head and Neck Reconstruction. Multidisciplinary Approach to Head and Neck Cancer Symposium. William Beaumont Health System – Oakland University Medical School. 2012
17. Rontal ML. Combined Endoscopic and Open Skull Base Surgery, Indications and Technique. Minimally Invasive Neurosurgical Society, Mackinac Island, Michigan 2012
18. Rontal ML. Fronto-Orbital and Cranial Vault Reconstruction, Operative Technique and Perioperative Concerns. Grand Rounds, Department of Surgery. William Beaumont Health System – Oakland University Medical School. Royal Oak, Michigan. 2011
19. Rontal ML, Rontal DR. Endoscopic Skull Base Reconstruction. Minimally Invasive Neurosurgical Society, Mackinac Island, Michigan 2011
20. Rontal ML. Recent Technologies – Reduce Morbidity in Head and Neck Reconstruction. Advances in Head and Neck Cancer - minimizing morbidity and dealing with HPV in a multidisciplinary fashion. 2011.
21. Rontal ML. Multidisciplinary Management of Anterior Skull Base Tumors. New Frontiers in Neuroscience: 2011. William Beaumont Health System – Oakland University Medical School. 2011
22. Rontal ML. Facial Trauma. General Surgery Grand Rounds. William Beaumont Hospital, Department of Surgery. Royal Oak, Michigan. 2010
23. Rontal ML. Novel Reconstructions in Anterior Skull Base Surgery. Michigan Association of Neurological Surgeons. Grand Traverse Resort and Spa, Acme, Michigan. 2010
24. Rontal ML. Anterior Encephalocele Repair. Minimally Invasive Neurosurgical Society, Mackinac Island, Michigan 2010
25. Rontal ML. Congenital Midline Nasal Malformations. Filipino Nurses Association. Sterling Heights Michigan. 2010
26. Rontal ML. Craniofacial Approaches to the Anterior Skull Base and Reconstructive Options. Michigan State University Otolaryngology Residency Program Lecture Series. Troy, Michigan. 2009

27. Rontal ML. Congenital Midline Nasal Malformations. Otolaryngology and Facial Plastic Surgery Conference. Michigan State University Otolaryngology Residency Program Lecture Series. Troy, Michigan. 2009
28. Rontal ML. Congenital Midline Nasal Malformations. Neuroscience Conference. Ascension Health Michigan Ministries. 2009
29. Rontal ML. Cancer of the Oral Cavity. Grand Rounds, St. John Providence Hospital Grand Rounds, Department of Internal Medicine. 2009
30. Rontal ML. Congenital Midline Nasal Malformations. Pediatric Grand Rounds, St. John Hospital and Medical Center. Detroit, Michigan. 2009
31. A Shetty, GE Bello-Rojas, IT Jackson, ML Rontal, HI Cantor. Poster. Long-term Results of Craniofacial Implantation: A Return to Methylmethacrylate. American Society of Plastic Surgeons. Baltimore, Maryland. 2007
32. Rontal ML. Craniofacial Approaches to the Anterior Skull Base, advantages of the subcranial approach. Grand Rounds, Department of Anesthesiology, University of Buffalo, Buffalo, New York. 2006.
33. Rontal ML. Craniofacial Approaches to the Anterior Skull Base, advantages of the subcranial approach. Grand Rounds, Department of Surgery, Division of Otolaryngology, SUNY Upstate Medical Center. 2006.
34. Kagan SH, Chalian AA, Goldberg AN, Rontal ML, et al. Impact of age on clinical care pathway length of stay after complex head and neck resection. Presented at 5th International Conference on Head and Neck Cancer, San Francisco, California, 2000.
35. Rontal ML, Nussenbaum B, Prince ME, Haughey GH, Teknos TN. Esophageal Dissection. Poster. 6th International Conference on Head and Neck Cancer. Washington DC, 2004
36. Rontal ML and Echterler SM: Spatio-temporal patterns of apoptotic cell death in the developing spiral ganglion. Poster. Cochlear Implant Conference, Miami, Florida, 2000.

Matthew L. Rontal, MD

18 March, 2022