CURRICULUM VITAE

**Date of Revision: 09/25/2020**

**Name:** Michael Z. Lerner, M.D.

**Appointment:** Assistant Professor, Department of Surgery, Division of Otolaryngology

## Term: *Primary Appointment: October1, 2019 to June 30, 2022*

**School:** Yale School of Medicine

**Education:**

B.A. Brandeis University 2006

M.D. Tufts University School of Medicine 2010

**Career/Academic Appointments:**

9/2016 - 9/2019 Attending, Otolaryngology, Montefiore Medical Center, Bronx, NY

9/2016 - 9/2019 Assistant Professor, Albert Einstein College of Medicine, Bronx, NY

11/2016 - 9/2019 Visiting Assistant Professor, Yale School of Medicine, New Haven, CT

7/2015 - 6/2016 Attending Physician, Mount Sinai West/St. Luke’s, New York, NY

7/2015 - 6/2016 Clinical Instructor, Icahn School of Medicine, New York, NY

7/2015 - 6/2016 Fellow, Laryngology and Neurolaryngology, Mount Sinai West, NY

6/2014 - 6/2015 Chief Resident, Otolaryngology, Yale-New Haven Hospital, CT

6/2010 - 6/2014 Resident, Otolaryngology, Yale-New Haven Hospital, CT

**Administrative Positions:**

6/2018 - 9/2019 Otolaryngology Clerkship Director, Touro PA student Otolaryngology Rotation, Montefiore Medical Center, Bronx, NY

**Board Certification:**American Board Otolaryngology – Head and Neck Surgery, 2016

**Professional Honors & Recognition:**

**International/National/Regional**

2014: First Place - American Laryngological Association Poster Competition

2011: First Prize - New England Otolaryngology Society Resident Lecture Competition

2010: Alpha Omega Alpha, Tufts University School of Medicine

2005: Junior Phi Beta Kappa, Brandeis University

**University**

2019: Teacher of the Year Award: Albert Einstein College of Medicine / Montefiore Medical Center, Department of Otolaryngology

2013: “Top Gun” Award for Highest Inservice Exam Score, Yale Otolaryngology Residency

2011: SICU Resident of the Year Award, Bridgeport Hospital/YNHH, Department of Surgery

2010: Medical Class of 1928 Award for Excellence in Anatomy

2010: Dr. Frank Inserra Prize for Excellence in Pathology

2006: Hebrew Prize, Brandeis University

# Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:

**International/National**

2020: American Broncho-Esophagological Association (ABEA) 100th Annual Meeting – Oral

Presentation, Best of ABEA Virtual Session: “A MAUDE Database Analysis of Contamination

Events Involving Upper Aerodigestive Endoscopy: Is Flexible Laryngoscopy Different?”

2018: Combined Otolaryngology Spring Meeting - American Laryngological Association, Podium Presentation, National Harbor, MD: "Anatomic Considerations for a Posterior Endoscopic Approach to the Cricoarynteoid Joint”

**Regional**

2020: Yale Otolaryngology Residency Seminar, New Haven, CT: “Office-Based Laryngeal Surgery”

2020: Yale Otolaryngology Residency Seminar, New Haven, CT: “Benign Vocal Fold Lesions & Principles of Phonosurgery”

2020: Greenwich Hospital, Community Outreach Lecture, Greenwich, CT: “Vocal Health for Anyone Who Talks, Laughs, or Sings”

2020: Purchase College, Acting BFA Student Seminar, Purchase, NY: “Laryngology – Professional and Performing Voice”

2019: Rutgers New Jersey Medical School, Otolaryngology Grand Rounds, Newark, NJ: “Chronic Cough: A Spectrum of Unusual Suspects”

2019: Yale Otolaryngology Residency Seminar, New Haven, CT: “Naming Benign Vocal Fold Lesions”

2019: Yale Otolaryngology Residency Seminar, New Haven, CT: “Principles of Phonosurgery”

2019: Montefiore Medical Center – Laryngology Conference, Bronx, NY: “Botulinum Toxin for Disorders of the Head and Neck”

2018: Burke Rehabilitation Hospital, Grand Rounds, White Plains, NY: “Laryngology & Neurolaryngology – Providing a Basis for Collaboration with Burke”

2018: ENT & Allergy Associates/Montefiore Grand Rounds, Tarrytown, NY: “Chronic Cough – A Spectrum of Unusual Suspects”

2018: Yale Otolaryngology Residency Seminar, New Haven, CT: “Academic vs. Private Practice – Perspectives Among Recent Graduates”

2017: Montefiore Medical Center – Pulmonology Grand Rounds, Bronx, NY: “The Irritable Larynx that Coughs: A Laryngologist’s Perspective”

2017: Montefiore Medical Center – Laryngology Conference, Bronx, NY: “Nomenclature for Benign Vocal Fold Lesions”

2017: Montefiore Medical Center – Laryngology Conference, Bronx, NY: “Vocal Leukoplakia

2017: Montefiore Medical Center – Laryngology Conference, Bronx, NY: “Office-Based Laryngeal Surgery”

2017: Montefiore Medical Center – Laryngology Conference, Bronx, NY: “Anatomy, Physiology of the Larynx and Pharynx”

2017: Montefiore Medical Center – Otolaryngology Grand Rounds, Bronx, NY: “Managing ‘Pain in the Neck’ Disorders in Otolaryngology – Utilizing Neuromodulation for Temporomandibular Disorder, Migraine, and Chronic Cough”

2016: New York University, Speech Language Pathology Program, Invited Guest Lecture, New York, NY: “Anatomy and Physiology of Voice Production”

2011: New England Otolaryngology Society, Fall Meeting, Boston, MA: “System-Based Practice for Otolaryngology Residents – Assessing a Vague Competency”

**Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale:**

**International/National**

2020: Combined Otolaryngology Spring Meeting – American Laryngological Association, Virtual Poster Session: “Adverse Events Associated with Vocal Fold Medialization: A MAUDE Database Cross-sectional Analysis

2019: Fall Voice Conference, Poster Presentation, Dallas, TX: “Incidental Otolaryngologic Pathology Noted upon Esophagogastroduodenoscopy (EGD): Case series and review of the literature.”

2018: Combined Otolaryngology Spring Meeting - American Laryngological Association, Poster Presentation, National Harbor, MD: “Transcutaneous Electrical Nerve Stimulation as a Treatment for Chronic Cough: A Feasibility Study”

2016: Combined Otolaryngology Spring Meeting – American Laryngological Association, Poster Presentation, Chicago, IL: “Gender Differences in Onabotulinum Toxin A Dosing for Adductor Spasmodic Dysphonia”

2016: Combined Otolaryngology Spring Meeting – American Broncho-Esophagological Association, Poster Presentation, Chicago, IL: “Abrasion and Blunt Force Tissue Trauma Study of a Novel Flexible Robotic System in the Porcine Model”

2014: Combined Otolaryngology Spring Meeting – American Laryngological Association, Poster Presentation, Las Vegas, NV: “Effect of Intravenous Mesenchymal Stem Cells on Functional Recovery after Recurrent Laryngeal Nerve Injury: A Rat Model”

2013: Combined Otolaryngology Spring Meeting – American Laryngological Association, Poster Presentation, Orlando, FL: “Voice Disorders in Actors"

**Professional Service**

**Journal Service:**

Reviewer  
*The Laryngoscope*

*Annals of Otology, Rhinology & Laryngology*

*Lasers in Surgery and Medicine*

*Dysphagia*

*ORL Journal for Oto-Rhino-Laryngology, Head and Neck Surgery*

*SAGE Open Medical Case Reports*

**Professional Service for Professional Organizations:**

***American Laryngological Association***

2019 Contributor, ALA Online Curriculum Development

2016-Present Post-Graduate Member (PGM) Group

***New York Laryngological Society***

2017 Member, Post-Graduate Group

***American Academy of Otolaryngology – Head and Neck Surgery***

2010-2016 Member, Section for Residents and Fellows

***Meeting Planning/Participation***

2017 Semi-Annual New York City Regional Laryngology Conference (ELR), presented by Montefiore Laryngology, New York, NY

2018 Semi-Annual New York City Regional Laryngology Conference (ELR), presented by Montefiore Laryngology, New York, NY

**Bibliography:**

**Peer-Reviewed Original Research**

1. Leder S, **Lerner MZ**. Nil per os except medications order in the dysphagic patient. QJM: An International Journal of Medicine 2012; 106:71-75.
2. **Lerner MZ**, Paskhover B, Acton L, Young N. Voice disorders in actors. Journal of Voice 2013; 27:705-708.
3. **Lerner MZ**, Matsushita T, Lankford KL, Radtke C, Kocsis JD, Young NO. Intravenous mesenchymal stem cell therapy after recurrent laryngeal nerve injury: a preliminary study. The Laryngoscope 2014; 124:2555-2560.
4. Aaronson NL, Toman JC, **Lerner MZ**, Baum ED. Fetal rhabdomyoma of the tongue in a newborn. Ear, Nose & Throat Journal 2015; 94:266-269.
5. **Lerner MZ**. Book Review: Laryngeal Physiology for the Surgeon and Clinician: SAGE Publications Sage CA: Los Angeles, CA, 2017.
6. **Lerner MZ**, Lerner BA, Patel AA, Blitzer A. Gender differences in onabotulinum toxin A dosing for adductor spasmodic dysphonia. The Laryngoscope 2017; 127:1131-1134.
7. **Lerner MZ**, Mor N, Paek H, Blitzer A, Strome M. Metformin prevents the progression of dysplastic mucosa of the head and neck to carcinoma in nondiabetic patients. Annals of Otology, Rhinology & Laryngology 2017; 126:340-343.
8. **Lerner MZ**, Tricoli M, Strome M. Abrasion and blunt tissue trauma study of a novel flexible robotic system in the porcine model. American journal of otolaryngology 2017; 38:447-451.
9. Patel AA, **Lerner MZ**, Blitzer A. IncobotulinumtoxinA Injection for Temporomandibular Joint Disorder: A Randomized Controlled Pilot Study. Annals of Otology, Rhinology & Laryngology 2017; 126:328-333.
10. Langerman J, Doukas SG, Hasegawa H, Goodrich J, **Lerner MZ**, Sasaki C. In search of a longitudinal animal model of evoked swallow function. Laryngoscope investigative otolaryngology 2018; 3:191-197.
11. **Lerner MZ**. Book Review: Professional Voice: The Science and Art of Clinical Care: SAGE Publications Sage CA: Los Angeles, CA, 2018.
12. **Lerner MZ**. Book Review: Clinical Esophagology and Transnasal Esophagoscopy: SAGE Publications Sage CA: Los Angeles, CA, 2019.
13. **Lerner MZ**, Downie SA, Tan-Geller M. Anatomic Considerations for a Posterior Endoscopic Approach to the Cricoarytenoid Joint. Annals of Otology, Rhinology & Laryngology 2019; 128:420-425.
14. Quintero O, Trachuk P, **Lerner MZ**, Sarungbam J, Pirofski L-a, Park SO. Risk factors of laryngeal cryptococcosis: A case report. Medical mycology case reports 2019; 24:82-85.
15. Haines A, Kohli N, Lerner BA, **Lerner MZ**. Examining Referral Patterns between Otolaryngology and Gastroenterology: A Window into Potential Inter-Specialty Knowledge Gaps. Annals of Otology, Rhinology & Laryngology. 2020 Apr 4:0003489420916215.
16. Narwani V, Kohli N, **Lerner MZ**. Application of a modified endoscopy face mask for flexible laryngoscopy during the COVID-19 pandemic. Otolaryngology–Head and Neck Surgery. 2020 May 14:0194599820928977.
17. Jiang R, Kasle DA, Alzahrani F, Kohli N, **Lerner MZ**. A Manufacturer and User Facility Device Experience Analysis of Upper Aerodigestive Endoscopy Contamination: Is Flexible Laryngoscopy Different? [published online ahead of print, 2020 Jun 19]. *Laryngoscope*. 2020;10.1002/lary.28826. doi:10.1002/lary.28826
18. Singh AK, Kasle DA, Jiang R, Sukys J, Savoca EL, **Lerner MZ**, Kohli N. A Review of Telemedicine Applications in Otorhinolaryngology: Considerations During the COVID‐19 Pandemic. The Laryngoscope.

**Chapters, Books, and Reviews**

1. Sasaki CT, **Lerner MZ**, Reza Nouraei S. Physiology and Phylogeny of the Larynx and Trachea. Laryngeal and Tracheobronchial Stenosis 2015:27.
2. Blitzer A, Patel AA, **Lerner MZ**. Therapeutic Uses of the Botulinum Toxins. Botulinum Toxin E-Book: Procedures in Cosmetic Dermatology Series 2012:1.
3. **Lerner MZ**, Pitman MJ. Neurolaryngology. In Current Diagnosis and Treatment in Otolaryngology, Fourth Edition 2020:31 McGraw Hill.
4. **Lerner MZ**, Blitzer A. Botulinum Neurotoxin for Temporomandibular Disorders, Masseteric Hypertrophy, and Cosmetic Masseter Reduction. Botulinum Neurotoxins for Head and Neck Disorders. 2020 Mar 21.