



MAIN PROGRAM
October 22-24, 2021
Miami, Florida

FRIDAY, OCTOBER 22, 2021– Main Conference		
7:00 – 8:00 AM	Registration, Continental Breakfast, Exhibit Viewing	
8:00 – 8:10 AM	Opening Remarks	
8:10– 9:10 AM	FREE PAPERS: COVID-19 moderated by David Rosow, MD	
	<i>*The Effect of Masks and Respirators on Acoustic Voice Analysis During the COVID-19 Pandemic – Ebru Gojayev, MD</i>	
	<i>Prevalence and Demographics of Dysphagia in COVID+ Hospitalized Patients - Courtney Tipton, MD</i>	
	<i>Post-acute COVID-19 Laryngeal Injury and Dysfunction – Andrew Neevel, BA</i>	
	<i>Say it, Don't Spray It – The Impact of Personality Type and Vocal Endurance on Particulate Emissions – Sandra Stinnett, MD</i>	
	<i>COVID-19: Acoustic Measures of Voice in Individuals Wearing Different Facemasks – Teresa Procter, MA, CCC-SLP</i>	
	<i>Otolaryngologic Symptom Severity Post SARS-CoV2 Infection – Andrew Tkaczuk, MD</i>	
	Q&A – Audience Discussion	
9:10-10:10 AM	FREE PAPERS: Artificial Intelligence in Laryngology moderated by Donna Lundy, PhD	
	<i>Can Machine Learning Replace Human Listeners for Voice Gender Recognition? – Einav Silverstein, BA</i>	
	<i>Defining the Human Level Performance of Clinician Ability to Screen for Laryngeal Mass from Voice – Grace Wandell, MD</i>	
	<i>Automatic Informative Frame Selection and Vocal Fold Polyp Recognition in Laryngoscopic Videos Using Deep Learning – Peter Yao, BSE</i>	
	<i>Automated Measurement of Glottic Aperture in Bilateral Vocal Fold Immobility using a Deep Learning Algorithm – Eliana DeVore, MD</i>	
	<i>Quantifying and Improving Performance of Voice Recognition Systems on Dysphonic Voices – Julio Hidalgo Lopez, Student</i>	
	<i>A Use-Case for Machine Learning in Voice Analytics – Vinay Sudha Ethiraj, MD</i>	
	Q&A – Audience Discussion	
10:10 – 10:40 AM	Break: Exhibit and Poster Viewing	
10:40 – 11:25 AM	Panel: “Artificial Intelligence in Laryngology” Moderator: Paul Bryson, MD Panelists: Anthony Law, MD; David Rosow, MD, Yael Bensoussan, MD and Maria Powell, MD	
11:25 – 12:25 PM	KEYNOTE SPEAKER: Marion Couch, M.D., Ph.D., M.B.A., F.A.C.S presenting “Our New Normal: Who Plays and Pays”	
12:25 – 1:55 PM	Lunch Break	
1:55 – 2:45 PM	FREE PAPERS: Basic Science moderated by Maggie Kuhn, MD	FREE PAPERS: Tele-Practice moderated by Maxine van Doren, SLP
	<i>Immunologic Characterization and Clinical Study of Recurrent Respiratory Papillomatosis – Clint Allen, MD</i>	<i>Implementing Remote Acoustic Voice Analysis in Clinical Practice – Zoe Weston, MS, CCC-SLP</i>
	<i>Glucocorticoid Steroid Effects on Proliferation and Barrier Repair in Rabbit Vocal Fold Epithelial Cells – Xiaochuan Xu, PhD</i>	<i>Efficacy of Behavioral Cough Suppression Therapy delivered via Telepractice – Nathaniel Sundholm, MS, CCC-SLP</i>
	<i>Oral and Inhalation Administration of selected HIV Protease Inhibitors reverses Pepsin Induced Damage in a Laryngopharyngeal Reflux Mouse Model – Nikki Johnston, PhD</i>	<i>A Comparison of Voice Therapy Attendance Rates between In-Person and Telepractice – Grace Cutchin, CCC-SLP</i>
	<i>Development of a Mouse Model of Laryngeal e-cigarette Exposure – Elizabeth Erickson-DiRenzo, PhD, CCC-SLP</i>	<i>Predictors of Satisfaction with Voice Teletherapy in Patients with Dysphonia – Alexandra Schenck, MA</i>

	<i>Amniotic Fluid for Treatment of Vocal Fold Injury in an In Vivo Rabbit Model – Jenny Pierce, PhD, CCC-SLP</i>	<i>Utility of Telemedicine for Diagnosis and Management of Laryngology-Related Complaints during COVID-19 – Janet Choi, MD</i>
	Q&A – Audience Discussion	Q&A – Audience Discussion
2:45- 3:40 PM	FREE PAPERS: Surgical Voice Treatment <i>moderated by Robert Buckmire, MD</i>	FREE PAPERS: Behavioral and Medical Voice Treatments <i>moderated by Sarah Schneider, MS, CCC-SLP</i>
	<i>Early Safety and Experience with a Novel Silk Protein Microparticle-Based Material used for Vocal Fold Injection Medialization – William Gao, MD</i>	<i>*Personality and Motivation as Factors Involved in Post-Surgical Voice Rest Adherence: Preliminary Results – Abigail Dueppen, MS, CCC-SLP</i>
	<i>Long-Term Outcomes of Laryngeal Reinnervation- Vanessa Torrecillas, MD</i>	<i>Comparison of Progressive Masked Voice Exercises (PMVE™) to Vocal Function Exercises: A preliminary study introducing a novel treatment approach – Matthew Frank, MS, CCC-SLP</i>
	<i>Effect of Medialization on Dyspnea Index in Unilateral Vocal Fold Paralysis – Blake Simpson, MD</i>	<i>Relationships between Daily Speaking Voice Use and Personality in Singers with Phonotrauma and Vocally Healthy Singers – Laura Toles, PhD, CCC-SLP</i>
	<i>Safety and Predictors of 30-Day Adverse Events of Laryngeal Framework Surgery: An Analysis of ACS-NSQIP Data – David Garber, MD</i>	<i>Oral Glucocorticoid Treatment of Vocal Fold Edema: Videostroboscopic, Objective, Audio-Perceptual, and Functional Outcomes – Christine Murphy Estes, MA, CCC-SLP</i>
	<i>Evidence for Two Distinct Categories of Phonotrauma – Lucian Sulica, MD</i>	<i>Measuring Thyrohyoid Space with Ultrasonography: A Feasibility Study – Abbey Carlson, MS</i>
	<i>Assessing Tolerability of Patients Undergoing In-Office KTP Laser Procedures of the Larynx – Edward Harris, BS</i>	<i>The Patient Experience: The Relationship Between Vocal Handicap, Congruency, Perceived Present Control and Mood Across Four Voice Disorders – Miriam van Mersbergen, PhD, CCC-SLP</i>
	Q&A – Audience Discussion	Q&A – Audience Discussion
3:40 – 4:10 PM	Break: Exhibit and Poster Viewing	
4:10 – 4:45 PM	FREE PAPERS: All Star Abstracts <i>moderated by Philip Weissbrod, MD</i>	
	<i>Phonation Resistance Training Exercises (PhoRTE) With and Without Expiratory Muscle Strength Training (EMST) For Patients With Presbyphonia: A Noninferiority Randomized Clinical Trial – Michael Belsky, MD</i>	
	<i>A Prospective, Multi-Institutional Study of the Anatomic Distribution and Disease Course of Recurrent Respiratory Papillomatosis – Adam Kravietz, MD</i>	
	<i>Voice Patients' Reports of Pre- and Peri-Pandemic Stress: Implications for Our Understanding of Stress and Muscle Tension Dysphonia – Brett Welch, MS, CCC-SLP</i>	
	<i>Localization of Mechanotransduction Channels in the Human Larynx – Emily Kimball, PhD, CCC-SLP</i>	
	Q&A – Audience Discussion	
4:45 – 5:30 PM	Panel: “How I Built It: Entrepreneurship in Laryngology” <i>Moderator: Peter Belafsky, MD</i> <i>Panelists: Adam Klein, MD; Ramon Franco, MD; Eva van Leer, PhD</i>	
5:30- 7:00 PM	Faculty Appreciation & Poster Reception	

SATURDAY OCTOBER 23, 2021 – MAIN CONFERENCE

7:00 – 8:00 AM	Registration, Continental Breakfast, Exhibit Viewing
8:00 – 8:05 AM	Welcome remarks
8:05 – 9:05 AM	FREE PAPERS: Novel Assessments in Voice and Swallowing <i>moderated by Yvette McCoy, SLP</i>
	<i>*Smartphone Applications Offer Superior Voice Data Collection From Patients Over Traditional Methods – Ameer Ghodke, MD</i>
	<i>Acoustic Parameters and Voice Handicap Index: Which one is a better predictor of Voice Improvement? – Kady Williams, DO</i>
	<i>Ambulatory Voice Biofeedback: Acquisition and Retention of Modified Daily Voice use in Patients with Phonotraumatic Vocal Hyperfunction – Jarrad Van Stan, PhD, CCC-SLP</i>
	<i>Psychometric Analysis of an Ecological Vocal Effort Scale in Individuals with and without Vocal Hyperfunction during Activities of daily living – Katherine Marks, PhD, CCC-SLP</i>
	<i>Correlation between Montreal Cognitive Assessment and Voice, Swallowing and Upper Airway Therapy Outcomes in the Aging Treatment-Seeking Population – Sarah Schneider, CCC-SLP</i>
	<i>Aesthesiometer-Based Testing for Laryngopharyngeal Sensation – Madeleine Strohl, MD</i>
	Q&A – Audience Discussion
9:10 – 10:00 AM	FREE PAPERS: Potpourri <i>moderated by Brandon Kim, MD</i>

	<i>Daily Phonotrauma Index: an objective correlate of differences in self-reported vocal status in the daily life of females with Phonotraumatic Vocal Hyperfunction</i> – Charles Nudelman, Student	
	<i>Aerosol Generation during Clinical Stroboscopic Examination: A Prospective Study</i> – Katherine Wallerius, MD	
	<i>Towards a Unified System to Classify Voice Therapy</i> – Jarrad Van Stan, PhD, CCC-SLP	
	<i>Adaptation and initial validation of the Revised Patterson Edema Scale</i> – Heather Starmer, MA, CCC-SLP	
	<i>Long-term Characterization of Iatrogenic Vocal Fold Wound Healing in an in-vivo Rabbit Model</i> – Zachary Zimmerman, MS	
	Q&A – Audience Discussion	
10:00-10:30 AM	Break: Exhibit and Poster Viewing	
10:30-11:30	FREE PAPERS: Dysphagia moderated by Nicole Maronian, MD	
	<i>The Esophageal Assessment Venn Diagram: Correlating Structure and Function Data Amongst Videofluoroscopy, Barium Esophagram, and High Resolution Esophageal Manometry</i> – Ashley Logan, CCC-SLP	
	<i>Trending now: Retrograde CP Dysfunction</i> – Jennifer Anderson, MD	
	<i>Evaluation of Esophageal Motility in Patients with Cricopharyngeal Dysfunction</i> – Lindsey Shehee, MD	
	<i>Relationship between Laryngeal and Pharyngeal Edema and Swallowing Impairment in Patients with Head and Neck Cancer</i> – Heather Starmer, MA, CCC-SLP	
	<i>Characterizing Dysphagia in Pediatric Patients with True Vocal Fold Dysfunction</i> – Khashayar Arianpour, MD	
	<i>Collaborative Management of Functional Dysphagia: Speech-Language Pathology, Laryngology, Gastroenterology & GI Behavioral Health Psychology</i> – Margaret Tiner, MS, CCC-SLP	
	Q&A – Audience Discussion	
11:30 – 12:15 PM	Panel: “Muscle Tension Dysphagia” Moderator: Greg Postma, MD Panelists: Ashli O’Rourke, MD; James Curtis, CCC-SLP, Christina Kang, MM, MS, CCC-SLP	
12:15 – 1:30 PM	Lunch Break	
1:30 – 2:25 PM	FREE PAPERS: Airway Stenosis moderated by Brianna Crawley, MD	FREE PAPERS: Gender affirming voice – AC Goldberg, SLP
	<i>Serial Intralesional Steroid Injections (SILSI) for Idiopathic Subglottic Stenosis. Clinical Success and Complications: An 11-year experience</i> – Ramon Franco, MD	<i>*Voice Therapy Results in Long-term Pitch Elevation in Trans Women</i> – Sarah Rappaport, MD
	<i>The Trajectory of Long Term Voice Outcomes for Subglottic Stenosis Patients after Cricotracheal Resection</i> – Evan Compton, MD	<i>Feminization Laryngoplasty: 17-year Review on Long-Term Outcomes, Safety, and Technique</i> – James Thomas, MD
	<i>Idiopathic Subglottic Stenosis in Non-Caucasian Women</i> – Amber Suk, MD	<i>Examining the Test-Retest Reliability of Communicative Congruence and Dysphoria: Investigating Whether These Constructs are States or Traits</i> – Brett Welch, MS, CCC-SLP
	<i>Pre-Tracheotomy in Complex Airway Care</i> – Timothy McCulloch, MD	<i>Amplifying Voices in Transition: Characterizing Barriers to Gender-Affirming Voice Care Among Gender-Expansive Individuals</i> – Sloane Brazina, BA
	<i>Computational Modeling of Laryngotracheal Stenosis and its Correlation to Pulmonary Function Measures and Disease Characterization</i> – Tyler Crosby, MD	<i>Trans Woman Voice Questionnaire Scores Highlight Specific Benefits of Adjunctive Glottoplasty with Voice Therapy in Treating Voice Feminization</i> – Chris Park, CCC-SLP
	Q&A – Audience Discussion	Q&A – Audience Discussion
2:25 – 3:15 PM	FREE PAPERS: Chronic Cough moderated by Adam Rubin, MD	FREE PAPERS: Virtual Sessions moderated by Adam Klein, MD
	<i>*Botulinum Toxin Improves Laryngeal Symptoms in Chronic Refractory Cough</i> – Daniel Novakovic, MD, PhD	<i>*Long-lasting Effect after Single Hyaluronate Injection for Unilateral Vocal Fold Paralysis: Does Concentration Matter?</i> – Tuan-Jen Fang, MD
	<i>Cough Desensitization Therapy for Refractory Chronic Cough: Pilot 2</i> – Laurie Slovarp, PhD	<i>*Are We Training Fellows Enough for Office-based Procedures? Past Graduates’ Perspective</i> – Necati Enver, MD
	<i>Chronic Cough: Patients’ Motivation to Seek Cough Suppression Therapy</i> – Shambavi Rao, BA	<i>*Prospective Cohort Study of Voice Outcomes Following Secondary Tracheoesophageal Puncture in Gastric Pull-up Reconstruction After Total Laryngopharyngoesophagectomy</i> – Emily Deane, MD
	<i>Development of a New Assessment for Chronic Cough: Urge to Cough Testing</i> – Jane Reynolds, MS, CCC-SLP	<i>*Trauma as a Social Determinant of Health in Women with Voice Disorders</i> – Geneva Mayne, CCC-SLP

	<i>The Role of Bilateral Superior Laryngeal Nerve Block in Managing Refractory Chronic Cough</i> – Brooke Quinton, BS	<i>*Hemi-laryngopharyngeal Spasm (HeLPS): Defining a New Clinical Entity</i> – Amanda Hu, MD
	Q&A – Audience Discussion	Q&A – Audience Discussion
3:15 – 3:45 PM	Break: Exhibit and Poster Viewing	
3:45 – 4:15 PM	FREE PAPERS: Upper Airway Potpourri moderated by Sandra Stinnett, MD	
	<i>Outcomes of Intubated Patients with COVID-19 Requiring Tracheostomy</i> – Tejasvi Peesay, MS	
	<i>The Influence of Vaping on Vocal, Pulmonary, and Vascular Function</i> – Phillip Sechtem, PhD	
	<i>Early Intervention in Posterior Glottic Stenosis</i> – Christopher Rayle, MD	
	Q&A – Audience Discussion	
4:15 – 4:55 PM	Panel: “Post-intubation: Voice, Swallow, Airway Implications” Moderator: VyVy Young, MD Panelists: Martin Brodsky, PhD, SLP; Mark Fritz, MD, Samantha Kridgen, MS, CCC-SLP	
4:55 – 5:00 PM	Closing Remarks	

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