





**MAIN PROGRAM**  
**October 22-23, 2021**  
**Miami, Florida**

<b>FRIDAY, OCTOBER 22, 2021– Main Conference</b>		
7:00 – 8:00 AM	Registration, Continental Breakfast, Exhibit Viewing	
8:00 – 8:10 AM	Opening Remarks	
8:10– 9:10 AM	<b>FREE PAPERS: COVID-19 moderated by David Rosow, MD</b>	
	<i>*The Effect of Masks and Respirators on Acoustic Voice Analysis During the COVID-19 Pandemic – Ebru Gojayev, MD</i>	
	<i>*COVID-19: Acoustic Measures of Voice in Individuals Wearing Different Facemasks – Teresa Procter, MA, CCC-SLP</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>Prevalence and Demographics of Dysphagia in COVID+ Hospitalized Patients - Courtney Tipton, MD</i>	
	<i>Otolaryngologic Symptom Severity Post SARS-CoV2 Infection – Andrew Tkaczuk, MD</i>	
	Q&A – Audience Discussion	
9:10-10:10 AM	<b>FREE PAPERS: Artificial Intelligence in Laryngology moderated by Donna Lundy, PhD</b>	
	<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, Student</i>	
	Q&A – Audience Discussion	
10:10 – 10:40 AM	<b>Break: Exhibit and Poster Viewing</b>	
10:40 – 11:25 AM	<b>Panel: “Artificial Intelligence in Laryngology”</b>	
	<i>Moderator: Paul Bryson, MD</i>	
	<i>Panelists: Anthony Law, MD; David Rosow, MD, Yael Bensoussan, MD and Maria Powell, MD</i>	
11:25 – 12:25 PM	<b>KEYNOTE SPEAKER: Marion Couch, M.D., Ph.D., M.B.A., F.A.C.S presenting “Our New Normal: Who Plays and Pays”</b>	
12:25 – 1:55 PM	<b>Lunch Break</b>	
1:55 – 2:45 PM	<b>FREE PAPERS: Basic Science moderated by Maggie Kuhn, MD</b>	<b>FREE PAPERS: Tele-Practice moderated by Maxine van Doren, SLP</b>
	<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>*Laryngeal cancer pathogenesis is associated with specific microbiome changes – Kenneth Yan, MD, 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>Glucocorticoid Steroid Effects on Proliferation and Barrier Repair in Rabbit Vocal Fold Epithelial Cells – Xiaochuan Xu, PhD</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	<b>FREE PAPERS: Surgical Voice Treatment</b> <i>moderated by Robert Buckmire, MD</i>	<b>FREE PAPERS: Behavioral and Medical Voice Treatments</b> <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>*Oral Glucocorticoid Treatment of Vocal Fold Edema: Videostroboscopic, Objective, Audio-Perceptual, and Functional Outcomes – Christine Murphy Estes, MA, CCC-SLP</i>
	<i>Effect of Medialization on Dyspnea Index in Unilateral Vocal Fold Paralysis – Blake Simpson, MD</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>
	<i>Safety and Predictors of 30-Day Adverse Events of Laryngeal Framework Surgery: An Analysis of ACS-NSQIP Data – David Garber, 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>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>Relationships between Daily Speaking Voice Use and Personality in Singers with Phonotrauma and Vocally Healthy Singers – Laura Toles, PhD, CCC-SLP</i>
	Q&A – Audience Discussion	Q&A – Audience Discussion
3:40 – 4:10 PM	<b>Break: Exhibit and Poster Viewing</b>	
4:10 – 4:45 PM	<b>FREE PAPERS: All Star Abstracts</b> <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	<b>Panel: “How I Built It: Entrepreneurship in Laryngology”</b> <i>Moderator: Peter Belafsky, MD</i> <i>Panelists: Adam Klein, MD; Ramon Franco, MD; Eva van Leer, PhD</i>	 <p><b>“Getting back out there: professional voice users emerge from COVID”</b> What we learned about the voice, adapting to and emerging from the pandemic. Logistics, stage, masks, teaching, medical care....</p>
5:30- 7:00 PM	<b>Faculty Appreciation &amp; Poster Reception</b>	

#### SATURDAY OCTOBER 23, 2021 – MAIN CONFERENCE

7:00 – 8:00 AM	Registration, Continental Breakfast, Exhibit Viewing
8:00 – 8:05 AM	<b>Welcome remarks</b>
8:05 – 9:05 AM	<b>FREE PAPERS: Novel Assessments in Voice and Swallowing</b> <i>moderated by Yvette McCoy, SLP</i> <i>*Smartphone Applications Offer Superior Voice Data Collection From Patients Over Traditional Methods – Ameer Ghodke, MD</i>

	<p><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></p> <p><i>Acoustic Parameters and Voice Handicap Index: Which one is a better predictor of Voice Improvement? – Kady Williams, DO</i></p> <p><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></p> <p><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></p> <p><i>Aesthesiometer-Based Testing for Laryngopharyngeal Sensation – Madeleine Strohl, MD</i></p> <p>Q&amp;A – Audience Discussion</p>	
9:10 – 10:00 AM	<p><b>FREE PAPERS: Potpourri moderated by Brandon Kim, MD</b></p> <p><i>*Adaptation and initial validation of the Revised Patterson Edema Scale – Heather Starmer, MA, CCC-SLP</i></p> <p><i>*Towards a Unified System to Classify Voice Therapy – Jarrad Van Stan, PhD, CCC-SLP</i></p> <p><i>Aerosol Generation during Clinical Stroboscopic Examination: A Prospective Study – Katherine Wallerius, MD</i></p> <p><i>Daily Phonotrauma Index: an objective correlate of differences in self-reported vocal status in the daily life of females with Phonotraumatic Vocal Hyperfunction – Charles Nudelman, Student</i></p> <p><i>Long-term Characterization of Iatrogenic Vocal Fold Wound Healing in an in-vivo Rabbit Model – Zachary Zimmerman, MS</i></p> <p>Q&amp;A – Audience Discussion</p>	<p><b>Laryngology Education Health Equity Grant Forum:</b></p>  <p>This will be a great forum proposals and ideas for the HEG (final grant submissions due Jan 15<sup>th</sup>). Send me the name/topic of your idea for a HEG and present a short version of this to the FV community during the popup. Get advice, suggestions guidance and let's build interest in this wonderful grant opportunity. Projects/ideas in really any stage are welcomed to the stage. Tune in and hear what is coming/support/suggest/engage!</p>
10:00-10:30 AM	<b>Break: Exhibit and Poster Viewing</b>	
10:30-11:30	<p><b>FREE PAPERS: Dysphagia moderated by Nicole Maronian, MD</b></p> <p><i>*Relationship between Laryngeal and Pharyngeal Edema and Swallowing Impairment in Patients with Head and Neck Cancer – Heather Starmer, MA, CCC-SLP</i></p> <p><i>A Single Institution's Early Experience with Retrograde Cricopharyngeus Dysfunction – Breanne Schiffer, MD</i></p> <p><i>Evaluation of Esophageal Motility in Patients with Cricopharyngeal Dysfunction – Lindsey Shehee, MD</i></p> <p><i>The Esophageal Assessment Venn Diagram: Correlating Structure and Function Data Amongst Videofluoroscopy, Barium Esophagram, and High Resolution Esophageal Manometry – Ashley Logan, CCC-SLP</i></p> <p><i>Characterizing Dysphagia in Pediatric Patients with True Vocal Fold Dysfunction – Khashayar Arianpour, MD</i></p> <p><i>Collaborative Management of Functional Dysphagia: Speech-Language Pathology, Laryngology, Gastroenterology &amp; GI Behavioral Health Psychology – Margaret Tiner, MS, CCC-SLP</i></p> <p>Q&amp;A – Audience Discussion</p>	<p><b>Workforce Discussion:</b></p> <p>The future of SLP training, fellowships in Laryngology, scientists, funding.</p> 
11:30 – 12:15 PM	<p><b>Panel: "Muscle Tension Dysphagia"</b></p> <p>Moderator: Greg Postma, MD</p> <p>Panelists: Ashli O'Rourke, MD; James Curtis, CCC-SLP, Christina Kang, MM, MS, CCC-SLP</p>	
12:15 – 1:30 PM	<b>Lunch Break</b>	

1:30 – 2:25 PM	<b>FREE PAPERS: Airway Stenosis</b> moderated by <b>Brianna Crawley, MD</b>	<b>FREE PAPERS: Gender affirming voice – AC Goldberg, SLP</b>
	<i>*The Trajectory of Long Term Voice Outcomes for Subglottic Stenosis Patients after Cricotracheal Resection – Evan Compton, MD</i>	<i>*Voice Therapy Results in Long-term Pitch Elevation in Trans Women – Sarah Rappaport, MD</i>
	<i>Serial Intralesional Steroid Injections (SILSI) for Idiopathic Subglottic Stenosis. Clinical Success and Complications: An 11-year experience – Ramon Franco, MD</i>	<i>*Trans Woman Voice Questionnaire Scores Highlight Specific Benefits of Adjunctive Glottoplasty with Voice Therapy in Treating Voice Feminization – Chris Park, MD</i>
	<i>Idiopathic Subglottic Stenosis in Non-Caucasian Women – Amber Suk, MD</i>	<i>Examining the Test-Retest Reliability of Communicative Congruence and Dysphoria: Investigating Whether These Constructs are States or Traits – Brett Welch, MS, CCC-SLP</i>
	<i>Pre-Tracheotomy in Complex Airway Care – Timothy McCulloch, MD</i>	<i>Amplifying Voices in Transition: Characterizing Barriers to Gender-Affirming Voice Care Among Gender-Expansive Individuals – Sloane Brazina, BA</i>
	<i>Computational Modeling of Laryngotracheal Stenosis and its Correlation to Pulmonary Function Measures and Disease Characterization – Tyler Crosby, MD</i>	<i>Feminization Laryngoplasty: 17-year Review on Long-Term Outcomes, Safety, and Technique – James Thomas, MD</i>
	Q&A – Audience Discussion	Q&A – Audience Discussion
2:25 – 3:15 PM	<b>FREE PAPERS: Chronic Cough</b> moderated by <b>Adam Rubin, MD</b>	<b>FREE PAPERS: Virtual Sessions</b> moderated by <b>Adam Klein, MD</b>
	<i>*Botulinum Toxin Improves Laryngeal Symptoms in Chronic Refractory Cough – Daniel Novakovic, MD, PhD</i>	<i>*Long-lasting Effect after Single Hyaluronate Injection for Unilateral Vocal Fold Paralysis: Does Concentration Matter? – Tuan-Jen Fang, MD</i>
	<i>Cough Desensitization Therapy for Refractory Chronic Cough: Pilot 2 – Laurie Slovarp, PhD</i>	<i>*Are We Training Fellows Enough for Office-based Procedures? Past Graduates' Perspective – Necati Enver, MD</i>
	<i>Chronic Cough: Patients' Motivation to Seek Cough Suppression Therapy – Shambavi Rao, BA</i>	<i>*Prospective Cohort Study of Voice Outcomes Following Secondary Tracheoesophageal Puncture in Gastric Pull-up Reconstruction After Total Laryngopharyngoesophagectomy – Emily Deane, MD</i>
	<i>Development of a New Assessment for Chronic Cough: Urge to Cough Testing – Jane Reynolds, MS, CCC-SLP</i>	<i>*Trauma as a Social Determinant of Health in Women with Voice Disorders – Geneva Mayne, CCC-SLP</i>
	<i>The Role of Bilateral Superior Laryngeal Nerve Block in Managing Refractory Chronic Cough – Brooke Quinton, BS</i>	<i>*Hemi-laryngopharyngeal Spasm (HeLPS): Defining a New Clinical Entity – Amanda Hu, MD (no q/a)</i>
	Q&A – Audience Discussion	Q&A – Audience Discussion
3:15 – 3:45 PM	<b>Break: Exhibit and Poster Viewing</b>	
3:45 – 4:15 PM	<b>FREE PAPERS: Upper Airway Potpourri</b> moderated by <b>Sandra Stinnett, MD</b>	
	<i>Outcomes of Intubated Patients with COVID-19 Requiring Tracheostomy – Tejasvi Peesay, MS</i>	
	<i>The Influence of Vaping on Vocal, Pulmonary, and Vascular Function – Phillip Sechtem, PhD</i>	
	<i>Early Intervention in Posterior Glottic Stenosis – Christopher Rayle, MD</i>	
	Q&A – Audience Discussion	
4:15 – 4:55 PM	<b>Panel: “Post-intubation: Voice, Swallow, Airway Implications”</b> Moderator: <b>VyVy Young, MD</b> Panelists: <b>Martin Brodsky, PhD, SLP; Mark Fritz, MD, Samantha Kridgen, MS, CCC-SLP</b>	
4:55 – 5:00 PM	<b>Closing Remarks</b>	

*\*Virtual Presentation*

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