

**AMERICAN LARYNGOLOGICAL ASSOCIATION
ONE HUNDRED AND FORTY-THIRD MEETING**

Landmark D Ballroom, Hyatt Regency Hotel - Dallas

Theme: "Let's Get Out of Our Silos: Moving towards Multi-Center Clinical Research"

**FIRST DAY, THURSDAY, APRIL 28, 2022
Afternoon Session**

1:00 PM

Welcome

Clark A. Rosen, MD

Introduction of the Guest of Honor:

Paul Jack Rosen, MD (Posthumously)

Accepted by Kurt Rosen, MD (Son); Noah and Zane Rosen (Grandsons)

Presentation of Presidential Citation Awardees

Peter C. Belafsky, MD, PhD

James Cohen, MD

Mark Courey, MD

Michael M. Johns III, MD

Colleen Picinotti

Susan Rusyn

Blake Simpson, MD

Recognition of the Program Committee:

Robert Buckmire, MD

Paul Bryson, MD

Laura Matrka, MD

Michael Pitman, MD

Libby J. Smith, DO

Presidential Address:

"Improving Laryngology through Connection: Personal and Collaboration"

Clark A. Rosen, MD

SCIENTIFIC SESSION I: VOCAL FOLD LESIONS AND MICROLARYNGOLOGY

Moderator: Daniel J. Cates, MD; **Discussant:** Tanya K. Meyer, MD, MS, *Seattle, WA*

1:30 PM

RESIDENT RESEARCH AWARD

Developing an Artificial Intelligence Tool to Predict Vocal Cord Pathology in Primary Care Settings

Evan Compton, MD, MPhil*

1:36 PM

Epithelial Responses to Vocal Fold Microflap Injury in a Preclinical Model

Lea Sayce, DPhil*

1:42 PM

Novel, Interchangeable, Human and Porcine Laryngeal Dissection Station: Inexpensive Educational Tool for Laryngology Training

Mason T. Hinchcliff, MD*

1:48 PM

Discussion

- 1:55 PM DANIEL C. BAKER JR. MD LECTURE (Joint Session with ARS and AHNS)**
Topic: Renewal, Resilience, and Stamina: Keys to Thriving Through Changing Times
Wayne Sotile, PhD*
- 2:45 PM Break/Visit with Exhibitors**
- SCIENTIFIC SESSION II: BASIC SCIENCE IN LARYNGOLOGY**
Moderator: R. Jun Lin, MD; Discussant: Ted Mau, MD, PhD
- 3:15 PM Does The 532-Nm Diode Laser Have A Regenerative Effect On Vocal Fold Scarring in a Rabbit Model?**
Seung-Won Lee, MD, PhD*
- 3:21 PM Hoarse Play: Carboxymethylcellulose and Calcium Hydroxyapatite Restore Native Vocal Fold Biomechanics in Recurrent Laryngeal Nerve Injury Model**
Benjamin Walters, MD*
- 3:27 PM Investigating the Adverse Role of Systemic Dehydration on Vocal Fold Healing in the Rat Model**
Anumitha Venkatraman, MS, CCC-SLP*
- 3:33 PM Low Concentration Glucocorticoids Reduce Inflammatory Gene Expression and Extracellular Matrix Cross-Linking in Human Vocal Fold Fibroblasts and Macrophages**
Ryosuke Nakamura, PhD*
- 3:39 PM YOUNG FACULTY/PRACTITIONER AWARD**
Acute Effects of Dexamethasone Injection to the Thyroarytenoid Muscle in a Preclinical Model
Gary Gartling, PhD*
- 3:45 PM Discussion**
- 4:05 PM Panel Discussion**
Topic: A Free Edge Free-For-All: Contemporary Management of Mid-Vocal Fold Lesions
Moderator: Lesley F. Childs, MD
Panelists: Jeanne Hatcher, MD; Lucian Sulica, MD; Libby Smith, DO; Peak Woo, MD
- 5:00 PM Announcements**
Joel H. Blumin, MD
- 5:05 PM Neurolaryngology Study Group**
Topic: Vagus Nerve Stimulation during Rehabilitation to Improve Synaptic Plasticity and Recovery
Speaker: Michael Kilgard, PhD

SECOND DAY, FRIDAY, APRIL 29, 2022
Morning Session

- 7:00 AM** **Business Meeting (Fellows/Members Only)**
Joel H. Blumin, MD
- Introduction of New Fellows/Members**
Report of the Nominating Committee
Paul W. Flint, MD
- Report of the Secretary and Announcements**
Joel H. Blumin, MD
- Report of the Treasurer**
Michael M. Johns III
- Report of the Editor**
Dinesh K. Chhetri, MD
- Report of the Historian**
Michael S. Benninger, MD
- By-Laws Modification Vote**
- Other Business**
- Election of the Council and Organization of New Officers**
- SCIENTIFIC SESSION III- DYSPHAGIA AND AIRWAY MANAGEMENT**
Moderator: Yue Ma, MD; **Discussant:** Peter C. Belafsky, MD, MPH, PhD
- 8:00 AM** **Is There an Association Between Hypoalbuminemia and Postoperative Outcomes of Zenker's Diverticulectomy**
Mehdi Lemdani, BA*
- 8:06 AM** **Dysphagia Outcomes in the Elderly after Injection Medialization Laryngoplasty**
Amber Suk, BA*
- 8:12 AM** **The Longitudinal Biomechanical Effects of Concurrent Chemoradiation Therapy to the Base of Tongue in a Pre-Clinical Model**
Peter Benedict, MD*
- 8:18 AM** **Laryngeal Oxygen Concentration and Desaturation Rate During Microlaryngeal Laser Surgeries Using Transnasal Humidified Rapid Insufflation Ventilatory Exchange (Thrive) at Two Oxygen Concentration Deliveries**
Daniel Novakovic, MD
- 8:24 AM** **Randomized Controlled Trial Comparing General Anesthesia with Paralysis to Remifentanyl and Propofol in Direct Laryngoscopy**
Jackie Yang, BS*
- 8:30 AM** **Discussion**

8:50 AM **Panel Discussion**
Topic: Multi-institutional Research in Laryngology: Pearls, Perils, Pitfalls and Progress
Moderator: Lyndsay L. Madden, DO
Panelists: Rebecca Howell, MD; Alexander Gelbard, MD; Milan Amin, MD*

9:45 AM **Break/Visit Exhibitors**

SCIENTIFIC SESSION IV: Airway Expansion Surgery
Moderator: Molly Huston, MD; **Discussant:** Paul Bryson, MD

10:15 AM **The Evolution and Early Results of Subepithelial Resection and Relining of the Subglottis (Or “Maddern Procedure”) for the Treatment of Subglottic Stenosis**
Robert R. Lorenz, MD*

10:21 AM **High Tracheal Resection with Intra-Laryngeal Extension as an Alternative to Cricotracheal Resection for Treatment of Subglottic Stenosis**
Kevin Y. Liang, MD*

10:27 AM **Open Expansion Laryngoplasty (EL) for Combined Glottic and Subglottic Stenosis: A New Procedure**
Rachel Kominsky, MD*

10:33 AM **Assessment of Socioeconomic Disadvantage in Open Airway Surgery Outcomes Among Pediatric Patients**
Yann-Fuu Kou, MD*

10:39 AM **Discussion**

10:49 AM **Gabriel F. Tucker MD Award**
Craig Derkay, MD*

10:51 AM **ALA 2022 Research Grant Award Announcement**
Ted Mau, MD, PhD

10:53 AM **American Laryngological Association Award**
Edie Hapner, PhD, CCC-SLP

SCIENTIFIC SESSION V - Neurolaryngology
Moderator: Diana Kirke, MD, MPhil; **Discussant:** Michael Pitman, MD

10:56 AM **Demographic Differences in the Treatment of Unilateral Vocal Fold Paralysis**
Mit A. Patel, MD*

11:02 AM **Characterizing Endoscopic Findings to Diagnose Vocal Fold Paresis**
Sarah K. Rapport, MD*

11:08 AM **NATIONAL SPASMODIC DYSPHONIA ASSOCIATION TRAVEL GRANT**
Abnormal Laryngopharyngeal Sensation in Adductor Spasmodic Dysphonia Compared to Healthy Controls
VyVy Young, MD

- 11:14 AM** **A Systematic Review and Meta-Analysis of Neuromodulators to Treat Chronic Laryngeal Hypersensitivity**
Rafael E. Amador-González, MD*
- 11:20 AM** **CASSELBERRY AWARD**
3D Reconstruction of Vocal Fold Medial Surface in Phonation: Effects of Superior and Recurrent Laryngeal Nerve Stimulation on Vibration and Acoustics
Neha Reddy, BA*
- 11:26 AM** **Control of Pre-Phonatory Glottal Shape by Interactions of Intrinsic Laryngeal Muscles**
Pranati Pillutia, MD*
- 11:32 AM** **Augmentation-Lateralization Technique for Unilateral Vocal Fold Flaccid Paralysis: A New Concept in Laryngology**
Ihab Atallah, MD, PhD*
- 11:38 AM** **Discussion**
- 12:00 PM** **Announcements/Adjournment**
Joel H. Blumin, MD
- 12:00 PM** **Group Photos (Members Only)**
Location: TBA

THIRD DAY, SATURDAY, APRIL 30, 2022
Afternoon Session

- 1:00 PM** **STATE OF THE ART LECTURE**
Topic: Lost in Big Data - The Value of EHRs for Clinical Registries
Thomas Chi, MD*
- SCIENTIFIC SESSION VI: Outcomes and Outcome Measures**
Moderator: Mark Fritz, MD; **Discussant:** Edie Hapner, PhD, CCC-SLP
- 2:00 PM** **Clinical Utility of Acoustic Measures to Predict Aerodynamic Measures in Patients with Glottal Insufficiency**
Steven Bielałowicz, MD
- 2:06 PM** **Anxiety and Depression Disorders and the Cough Severity Index: A Retrospective Study**
Gopika Hari, BS, BA*
- 2:12 PM** **Comparison of Voice Outcomes of Patients Who Underwent Cordectomy Type 1, Type 2 Or Radiation Therapy for T1A Glottic Cancer**
Taner Yilmaz, MD
- 2:18 PM** **Encore: Remotely Tracking Voice Outcomes in Real-Time Through a New Custom Mobile Application**
Todd Lambert, MD*
- 2:24 PM** **Objective Measures of Vocal Fold Atrophy: Comparison of Findings in Presbylaryngis and Parkinson's Disease**
Hans C. Baertsch, MD*

- 2:30 PM Discussion**
- 2:43 PM ALA Poster Award Announcement**
Robert Buckmire, MD
Chapel Hill, NC
- 2:45 PM Break (Visit the Exhibits)**
- SCIENTIFIC SESSION VII: Laryngotracheal Injury/Stenosis**
Moderator: Pavan Mallur, MD; **Discussant:** Laura Matrka, MD
- 3:15 PM Long-Term Laryngological Sequelae following Covid-19 Infection**
Hemali P. Shah, MD*
- 3:21 PM M2 Macrophage Phenotype in Granulation Tissue Present in Iatrogenic Laryngotracheal Stenosis**
Alexandra Berges, BS*
- 3:27 PM Characterizing the Macrophage Population in Patients with Idiopathic Subglottic Stenosis**
Rafael Ospino, BS*
- 3:33 PM Incidence of Glottic Involvement of Stenosis or Long Stenosis After Wedge Excision Versus Balloon Dilatation**
Katherine Z. Xie, BS*
- 3:39 PM Can the User-Friendly Home Peak Flow Meter Adequately Predict Severity of Subglottic Stenosis and Need for Surgery?**
Meredith Park, MD*
- 3:45 PM Discussion**
- 4:05 PM Panel Discussion**
Topic: Idiopathic Subglottic Stenosis: 2022 and Beyond
Moderator: Dale C. Ekbom, MD
Panelists: Robbie Kupfer, MD; Joshua Schindler, MD*; David Francis, MD
- 4:56 PM Announcement of PGM Award Recipient**
Presenter: James Daniero, MD
- Introduction of the ALA 2022 President - Lucian Sulica, MD**
Clark A. Rosen, MD
Joel H. Blumin, MD
- 5:00 PM Adjournment**
Joel H. Blumin, MD
Milwaukee, WI