

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

**FIRST DAY, WEDNESDAY, APRIL 22, 2020
Afternoon Session**

12:00 PM Business Meeting (Fellows/Members Only)

Introduction of New Fellows/Members

1:00 PM Welcome

Paul W. Flint, MD

Introduction of the Guest of Honor:

Charles W. Cummings, MD

Presidential Address:

“Challenges and Opportunities in Laryngology – Technology – The Balance Between Outcomes and Cost”

Paul W. Flint, MD

Presentation of Presidential Citations:

David Brown, MD

C. Gaelyn Garrett, MD, MMHC

Jo Shapiro, MD

Susan Thibeault, PhD

Recognition of the Program Committee:

Peter Belafsky, MD, PhD

David O. Francis, MD, MS

Stacey Halum, MD

Alexander Hillel, MD

Tanya Meyer, MD, MS

SCIENTIFIC SESSION I: Vocal Fold Paresis/Paralysis

Moderators

Laura Matrka, MD; Alexander Hillel, MD

- 1:30 PM** **Development of a Surgical Procedure for Replacement of the Posterior Cricoarytenoid Muscle in Bilateral Vocal Fold Paralysis**
Randal C. Paniello, MD, PhD
- 1:36 PM** **Inpatient Vocal Fold Medialization for Postoperative Vocal Fold Movement Impairment following Thoracic Aortic Repair**
Lauren Pinzas, BA*
- 1:42 PM** **Effects of Arytenoid Adduction Suture Direction on Acoustics and Aerodynamics**
Pranati Pillutla, BS*
- 1:48 PM** **Prevalence of Laryngeal Electromyography Abnormal Findings in Asymptomatic Adults Across the Age Spectrum**
Andrée-Anne Leclerc, MD, MSc*
- 1:54 PM** **Discussion**

SCIENTIFIC SESSION II & III: INNOVATIVE DIAGNOSTICS IN LARYNGOLOGY

Moderators

Lindsey Madden, DO; Anais Rameau, MD

- 2:00 PM** **The Developing of a New iPhone App for Voice Quality Assessment Based on the GRBAS**
Tsuyoshi Kojima MD, PhD*
- 2:06 PM** **A Novel Validated Tactile Aesthesiometer to Evaluate Laryngopharyngeal Sensation**
Madeline Strohl, MD*
- 2:12 PM** **Detection of Glottic Neoplasm Based on Voice Signals using Deep Neural Networks**
Chi-Te Wang, MD, PhD
- 2:18 PM** *National Spasmodic Dysphagia Association Travel Grant Award*
Novel Application of the Denoising Autoencoder Reconstruction Error as Dysphonia Severity Index in Patients with Spasmodic Dysphonia and/or Vocal Tremor
Ashley P. O'Connell Ferster, MD*
- 2:24 PM** **Deep Neural Network Models for Discrimination of the Cause of Voice Disorders**
Shintaro Fujimura, MD*

2:30 PM **Hey Siri: How Effective Are Common Voice Recognition Systems at Recognizing Dysphonic Voices?**
Matthew Rohfling, MD*

2:36 PM **Discussion**

2:45 AM **Break/Visit exhibits**

SCIENTIFIC SESSION IV: Regenerative Medicine in Laryngology
Moderators

Jennifer P. Long, MD, PhD; Jacqueline Allen, MD

3:15 PM **Cell-laden Polymeric Microspheres for Vocal Fold Propria Regeneration**
Alicia Reyes Valenzuela,

3:21 PM **Novel Use of Allograft Adipose Matrix (Renuva) for Vocal Fold Augmentation Safety and Efficacy**
Karla O'Dell, MD

3:27 PM **Pro-and Anti-Fibrotic Glucocorticoid Signaling in Vocal Fold Fibroblasts: Altered TGF- β and NR4A1 Signaling**
Ryosuke Nakamura, PhD*

3:33 PM **Novel Approach to Improvement in Swallow Function following Head and Neck Radiation**
Sandra L. Ettema, MD, PhD, CCC-SLP*

3:39 PM **Injection of Motor Endplate Expressing Muscle Progenitor Cells Improve Vocal Fold Function Post Run Injury**
Sarah Brookes, DVM*

3:45 PM **Discussion**

4:00 PM Panel Discussion
Topic: *Revision Framework Surgery*
Moderator: Paul W. Flint, MD,
Panelists: Robert A. Buckmire, MD; Mark S. Courey, MD; Seth Dailey, MD;
Natasha Mirza, MD

4:50 PM **Announcements**
ALA Research Grants
Presented by: Ted Mau, MD, PhD

Poster Presentation Awards
Presented by: Dinesh Chhetri, MD

4:58 PM **Adjournment**

5:00 PM **Neurolaryngology Study Group**
Topic: *Update on Laryngeal Dystonias*
Presented by: H. A. Jinnah, MD, PhD

AMERICAN LARYNGOLOGICAL ASSOCIATION

ONE HUNDRED AND FORTY-FIRST MEETING

SECOND DAY, THURSDAY, APRIL 23, 2020

Morning Session

12:00 PM Business Meeting (Fellows/Members Only)

Report of the Nominating Committee

Report of the Secretary and Announcements

Lucian Sulica, 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

Special Committee Reports

Other Business

Election of the Council and Organization of New Officers

SCIENTIFIC SESSION V: Deglutition and Dysphagia

Moderators

VyVy N. Young, MD; Thomas Carroll, MD

8:00 AM Do Patient Reported Outcomes Correlate with Objective Swallowing Assessments in a Selected Population Referred to a Multidisciplinary Swallowing Disorder Clinic?

Karuna Dewan, MD*

8:06 AM Characteristics of the Dysphagic Pathologies Which Benefit from Chin-Down Position Examined with Retrospective Videofluoroscopic Evaluation of Pharyngeal Swallowing

Takumi Miyamoti, BSc*

8:12 AM Dysphagia Evaluation: Are Current MBS and Esophagram Necessary?

Daniel Hawkins, BS*

8:18 AM Partners of Persons with Severe Swallowing Dysfunction Have Significantly Reduced Mental Health

Yuval Nachalon, MD*

8:24 AM Discussion

8:32 AM STATE OF THE ART LECTURE

Topic: "Transgender Voice Care"
Mark S. Courey

SCIENTIFIC SESSION VI: Transgender Voice

Moderators

Jeanne Hatcher, MD; David O. Francis, MD, MS

9:03 AM Addition of Wendler Glottoplasty to Voice Therapy Improves Transfemale Voice Outcomes

Sarah K. Brown, MS, CCC-SLP*

**9:09 AM *This research was supported by the 2018 ALA/ALVRE Research Grant*
The Effects of Estrogen on the Larynx**

Charles Lenell, CCC-SLP, MS, PhD Candidate*

9:15 AM Vocal Tradeoffs in Anterior Glottoplasty for Voice Feminization

Ted Mau, MD, PhD

9:21 AM Scarless Surgery for Transgender Women: A Transvestibular Endoscopic Approach for Chondrolaryngoplasty

Laurence Gascon, MD*

9:27 AM Discussion

9:45 AM Break/Visit Exhibits

SCIENTIFIC SESSION VII - AIRWAY STENOSIS

Moderators

Julina Ongkasuwan, MD; Daniel S. Fink, MD

10:15 AM *RESIDENT RESEARCH AWARD*

Fibroblasts in Patients with Iatrogenic Laryngotracheal Stenosis and Type II Diabetes Mellitus Exhibit A Myofibroblast Phenotype with Greater Contractility and Respond to Selective Inhibition of Oxidative Phosphorylation

Ioan A. Lina, MD*

10:22 AM Differences in Rates of Progression to Posterior Glottic Stenosis in Autoimmune and Idiopathic Subglottic Stenosis

Julian De la Chapa, BS*

- 10:28 AM** **Clinical Outcomes Following Transverse Cordotomy – Anterior Medial Arytenoidectomy (TC/AMA) for Isolated Glottic Stenosis**
Ameer Ghodke, MS*
- 10:34 AM** **Does Steroid Injection for Idiopathic Subglottic Stenosis Improve the Voice?**
Matthew Naunheim, MD
- 10:40 AM** **Discussion**
- 10:50 AM** Panel Discussion
Topic: *Muscle Tension Dysphagia: Fact or Fiction?*
Moderator: Gregory N. Postma, MD
Panelists: Christina Kang, MM, MS, CCC-SLP; David Lott, MD; Ashli O'Rourke, MS, MD
- 11:50 AM** **American Laryngological Association Award**
Nobuhiko Isshiki, MD, PhD
- 11:54 AM** **Gabriel F. Tucker, MD, Award**
Ellen Deutsch, MD
- 12:00 PM** **Announcements**
- Adjournment**
- 12:05 PM** **Group Photo**
Location: TBD

THIRD DAY, FRIDAY, APRIL 24, 2020
Afternoon Session

- 1:00 PM** Panel Discussion
Topic: *Innovative Management of the Complex Dystonia Patient*
Moderator: Michael Pitman, MD
Panelists: Dinesh Chhetri, MD; Adam M. Klein, MD; Tanya K. Meyer, MD, MS;
David E. Rosow, MD; Kristina Simonyan, MD, PhD

SCIENTIFIC SESSION VIII & IX: General Laryngology
Moderators

Dinesh K. Chhetri, MD; Lesley F. Childs, MD

- 1:40 PM** **The Use of Montelukast in the Treatment of Allergic Laryngitis**
Yolanda Heman-Ackah, MD
- 1:46 PM** **Restricted Water Intake Leading to Systemic Dehydration Adversely Affects Rat Vocal Fold Biology**
Chenwei Duan, BS*

- 1:46 PM** *YOUNG FACULTY/PRACTITIONER AWARD*
Speech Performance after Anterolateral Thigh Flap Phonatory Tube Reconstruction for Total Laryngopharyngectomy
Yi-An Lu, MD*
- 1:52 PM** **Characterizing Vocal Fold Injury Recovery in a Rabbit Model with Multimodal Imaging**
Karen M. Kost, MD
- 1:58 PM** **Posterior Injection Technique for the Improvement of In Office Laryngeal Anesthesia**
Diana N. Kirke, MBBS, MPhil
- 2:06 PM** **Restricted Water Intake Leading to Systemic Dehydration Adversely Affects Rat Vocal Fold Biology**
Chenwei Duan, BS*
- 2:12 PM** **Laryngeal Pathologies Associated with the Genre of Singing and Professional Singing Status**
Janine M. Rotsides, *
- 2:18 PM** **Safety of Singing on Steroids**
Christine Estes, MM, MA*
- 2:24 PM** **Changes of Laryngeal and Extra-laryngeal Symptoms and Findings in Patients with Laryngopharyngeal Reflux**
Jerome R. Lechien, MD, PhD, MS*
- 2:30 PM** **Discussion**
- 2:45 PM** **Break/Visit Exhibits**
- 3:15 PM** *DANIEL C. BAKER JR. MD LECTURE*
Topic: *Surgeon Burnout: Analysis and Necessary Changes*
Maisie Shindo, MD
- 3:55 PM** *PANEL DISCUSSION*
Topic: *Lessons Learned Through Surgical Failure*
Moderator: Michael M. Johns III, MD
Panelists: Seth Dailey, MD; Nicole Maronian, MD;
Albert Merati, MD; Gregory Postma, MD
- 4:50 PM** **Announcements**
Lucian Sulica, MD
- 4:55 PM** **Introduction of the ALA 2021 President**
Paul W. Flint, MD
Lucian Sulica, MD
- 5:00 PM** **Adjournment**