7:45 am
Welcome & Report of the AHNS Foundation
Jeffrey N Myers, MD, PhD
Anna M Pou, MD
David Goldenberg, MD

8:00 am
Panel 1
Improving Outcomes in Oral Cavity Cancer
Session Chair:
Maie St John, MD
Speakers:
Cheri-Ann Nathan, MD
Maie St John, MD
Vasu Divi, MD
Dennis H Kraus, MD

9:00 am
John Conley Lecture
Strengthening the AHNS through Diversity and Global Outreach
Johannes J Fagan, MD

9:45 am
Break

10:15 am
Scientific Session 1: Oral Cavity
Moderators:
Don Weed, MD
Eduardo Mendez, MD, MS
Margaret Assessment in Oral Cancer Surgery: Relationship Between Close Margin Distance and Local Recurrence
Kendall K Tasche, MD
Patterns of Recurrence in Oral Tongue Cancer with Perineural Invasion
Jennifer R Cracchiolo, MD

10:15 am
Scientific Session 2: Survivorship
Moderators:
Ara Chalian, MD
Carol Lewis, MD
Long-Term Survivorship In Head and Neck Squamous Cell Carcinoma
Eugenie Du, MD
Exploring the Relationship Between Fear of Treatment Related Side-Effects and Treatment Outcomes in Head and Neck Cancer Patients
Kashirsha Chhabria, MPH, Bpharm
Trait Mindfulness, Psychosocial and Prognostic Indicators in Head and Neck Cancer
Whitney Rebholz, PhD

11:00 am
Panel 2
Advanced Non-Melanoma Skin Cancer (NMSC) of the Head and Neck
Session Chair:
Neil D Gross, MD
Speakers:
Bryan Bienvenu, MD
Brian Moore, MD
Sue Yom, MD

12:00 pm
AHNS Business Meeting
(Member only)
Lunch will be provided during Business Meeting or Lunch on own

1:00 pm
Keynote Lecture
Title TBD
Francisco G Cigarroa, MD

2:00 pm
Panel 3
Quality and Value in Head and Neck Reconstruction: Current Trends, Evidence and Practices
Session Chair:
Matthew Old, MD
Speakers:
Vasu Divi, MD
Derrick Lin, MD
Jeremy Richmond, MD
Tamer Ghanem, MD
Urjeet Patel, MD

2:00 pm
Panel 4
Bringing Unconscious Bias into the Conscious in Head and Neck Surgery
Session Chair:
Amy Y. Chen, MD, MPH
Speakers:
Thierry Devos, PhD
Beth Chung, PhD
Carol R Bradford, MD

3:00 pm
Break

3:30 pm
Scientific Session 3: Thyroid & Parathyroid
Moderators:
David Steward, MD
Michael Singer, MD
Characterizing the Immune Microenvironment of Papillary Thyroid Carcinoma
Casey Means, MD
Preoperative Prediction of Extravascular Extension in Metastatic Papillary Thyroid Cancer Using Ultrasoundography
Danial Bu Ali, MD
Lymph Node Density is a Predictor of Outcome in Differentiated Thyroid Cancer
Moran Amit, MD, PhD
Trends and Safety of Outpatient Thyroid Surgery: A Review of 76,604 Cases in The American College of Surgeons National Surgical Quality Improvement Program
Eamon J McLaughlin, MD
Preoperative Vitamin D Deficiency is a Predictor of Hypocalcemia Following Thyroidectomy
Luiz P Kowalski, PhD

The Utility of Intraoperative PTH in the Setting of Pre-Operative Imaging Localization and Concordant Operative Findings
Shivani Shah-Becker, MD

The Role of Adjuvant External Beam Radiotherapy in Locally Advanced Differentiated Thyroid Cancer
Samantha Tam, MD

Outcomes and Cost Implications of Microvascular Reconstructions of the Head and Neck
Larissa Sweeney

Shorter Latency Between Radiation Therapy and Salvage Laryngopharyngeal Surgery Increases Complication Rates Following Microvascular Free Tissue Transfer
Chase M Heaton, MD

Does Decreasing Antibiotic Duration Prevent Infections in Head and Neck - Free Flap Patients? A Novel Protocol Put to the Test
Sanjeev Balamohan, MD

Outcomes and Reliability of the Venous Flow Coupler in the Postoperative Monitoring of Head and Neck Free Flaps
Rance J Fujiwara, BS

Comparison of the Submental Island Artery Peddled Flap and the Forearm Free Flap for the Reconstruction of Defects of the Head and Neck
Nawaf Aslam-Pervez, MD, DDS

Alcohol Abstinence Contracting Improves Postoperative Outcomes in Alcohol Misusers with Free Flap Reconstruction of the Head and Neck
Azeem Kaka, MD

Comparison of the Submental Island Artery Peddled Flap and the Forearm Free Flap for the Reconstruction of Defects of the Head and Neck
Nawaf Aslam-Pervez, MD, DDS
## Scientific Session III: Vocal Fold Paralysis I

**Moderators:**
- Marshall Smith, MD
- J Pieter Noordzij, MD

**10:15 am**
- Recurrent Laryngeal Nerve Re-innervation or Injection Laryngoplasty: Which is More Effective for Treating Thyroidectomy-Related Vocal Fold Paralysis? A Long-Term Comparative Prospective Study
  
  Seung Won Lee, MD, PhD

**10:22 am**
- Shortening the Time Under Sedation for Thyroplasty with Arytenoid Adduction Using a Sequential Anesthetic Technique
  
  Charles K Saadeh, MD

## Scientific Session II: Neurolaryngology

**Moderators:**
- Roger L Crumley, MD, MBA
- J Pieter Noordzij, MD

**9:07 am**
- A Prospective Crossover Trial of Botulinum Toxin Chemodenervation Versus Injection Augmentation for Essential Voice Tremor
  
  Christine Estes, MM, MA, CCC-SLP

**9:14 am**
- Phenomenology, Genetics and CNS Network Abnormalities in Laryngeal Dystonia: A 30 Year Study
  
  Andrew Blitzer, MD, DDS

**9:21 am**
- Surface Electromyography for Identification of Pre-Phonatory Activity
  
  Katherine C Yung, MD

**9:28 am**
- The Laryngeal Adductor Reflex in Humans Under General Anesthesia: Discovery of R2 and Consistent Contralateral R1 Responses and the Development of a Novel Continuous Intraoperative Neuromonitoring Technique
  
  Catherine F Sinclair, MD

**9:35 am**
- Discussion
<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>1:00 pm</td>
<td>ABEA Member Business Meeting (Members Only)</td>
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<tr>
<td>1:30 pm</td>
<td>Presidential Welcome, Introduction of Guests, Presidential Citations and Program Dana M. Thompson, MD Michael Hinni, MD</td>
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<tr>
<td>1:45 pm</td>
<td>Presidential Address Celebrating 100 Years of the ABEA Disruptive Innovation/Diversity and Inclusion Dana M. Thompson, MD</td>
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<tr>
<td>2:00 pm</td>
<td>Session 1: Esophageal Diseases Block Moderators: Nicholas LaRusso, MD Gregory Postma, MD</td>
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<td>2:45 pm</td>
<td>Moderator Opening</td>
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<td>2:00 pm</td>
<td>Effect of Body Position on Pharyngeal Swallowing Pressures Evaluated with High-Resolution Manometry Sarah Rosen, MD</td>
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<td>2:00 pm</td>
<td>Quantitative Analysis of Esophagram Normatives in Cervical Esophageal Stenosis Cherine H Kim, MD</td>
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<td>2:00 pm</td>
<td>The Relationship Between Hiatl Hernia and Cricopharyngeus Muscle Dysfunction Nogah Nativ-Zeltzer, MD</td>
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<td>2:32 pm</td>
<td>Eosinophilic Esophagitis in Children Under the Age of 5 Years: Clinical Characteristics Ravi W Sun, MD</td>
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<td>2:36 pm</td>
<td>Transsural Esophagoscopy: A Review of over 500 Cases Jacqui E Allen, MD</td>
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<td>2:45 pm</td>
<td>Session 2: Tracheal Pathology Block Moderators: Michael Rutter, MD Karen Swanson, MD</td>
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<td>2:45 pm</td>
<td>Moderator Opening</td>
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<td>2:50 pm</td>
<td>Gender and Racial Disparities in the Management of Inpatient Group in the United States Jonathan C Simmonds, MD</td>
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<td>2:54 pm</td>
<td>Modified Single-Stagesegmental Cricotracheal Resection Ihab Atallah, MD</td>
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<td>2:58 pm</td>
<td>Computational Fluid Dynamics Study of Airflow Limitation Associated with Subglottic Stenosis Emily Lin, MD</td>
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<td>3:02 pm</td>
<td>Effects of Supra-Maximal Balloon Dilatation Pressures on Adult Cricoid and Tracheal Cartilage: A cadaveric Study Venkata S Durvasula, MD</td>
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<td>3:06 pm</td>
<td>Open Airway Reconstructive Surgery in Resource-Limited Settings: How this can be Performed Safely and Effectively Roger C Nuss, MD</td>
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<td>3:10 pm</td>
<td>Moderator Closing</td>
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<tr>
<td>3:15 pm</td>
<td>Break</td>
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<tr>
<td>3:45 pm</td>
<td>Session 3: New Technology Block Moderators: Jonathan Aviv, MD Kris Jatana, MD</td>
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<td>3:45 pm</td>
<td>Moderator Opening</td>
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<tr>
<td>3:50 pm</td>
<td>3-Dimensional (3D) Tissue-Engineered Skeletal Muscle for Laryngeal Reconstruction Sarah Brookes, MD</td>
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<td>3:54 pm</td>
<td>Reproducibility and Ease of Use in Endoscopic Airway Measurement Christian R Francom, MD</td>
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<tr>
<td>3:58 pm</td>
<td>Use of Autologous Adipose-Derived Mesenchymal Stem Cells for Creation of Laryngeal Cartilage Stacey Halum, MD</td>
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<td>4:02 pm</td>
<td>Toxicity Trial of Canine Posterior Cricoarytenoid Intramuscular Vincristine Injections Randal C Paniello, MD</td>
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<tr>
<td>4:06 pm</td>
<td>Glottic Stenosis: An Anatomic Analysis of Endotracheal Tube Injury and Treatment with a New Self-Retaining Interarytenoid Spring Steven M Zeitels, MD</td>
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<td>4:10 pm</td>
<td>Moderator Closing</td>
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<tr>
<td>4:15 pm</td>
<td>Ellen A. Friedman Foreign Body Award and Presentations</td>
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<td>4:15 pm</td>
<td>An Inadvert-ant Midnight Snack Sean Hashemi, MD</td>
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<tr>
<td>4:20 pm</td>
<td>Grill-Cleaning Wire Brush Bristle Ingestion: Case Series and Review of the Literature with a Concentration on Removal and the Role of CT Scan Imaging Melissa Mortensen, MD</td>
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<tr>
<td>4:25 pm</td>
<td>Ellen A. Friedman Foreign Body Award</td>
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<tr>
<td>4:30 pm</td>
<td>Successful Management of an Esophageal Foreign Body Complicated by TEF and Sepsis Krista Kiyosaki, MD</td>
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<td>4:35 pm</td>
<td>Adjournment</td>
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### Session 4: Cancer Block
Moderators: Christine Gourin, MD
Kerry Olsen, MD

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>8:00 am</td>
<td>Functional and Oncologic Outcomes of Transoral KTP Laser Surgery Versus Radiation for T1 Glottic Carcinoma</td>
<td>Jamal Ahmed, MD</td>
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<tr>
<td>8:21 am</td>
<td>Effect of Pre-Treatment Dysphagia on Development of Post-Chemoradiation Swallowing Dysfunction in Patients with Head and Neck Cancer</td>
<td>Daniel Cates, MD</td>
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<td>8:25 am</td>
<td>Moderator Closing</td>
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<tr>
<td>8:30 am</td>
<td>Chevalier Q. Jackson Award</td>
<td>Jamie Koufman, MD</td>
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<td>8:35 am</td>
<td>Chevalier Q. Jackson Lecture</td>
<td>Nicholas LaRusso, MD</td>
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<tr>
<td>8:40 am</td>
<td>Safety and Efficacy of Functional Laryngectomy for End-Stage Dysphagia</td>
<td>Michael C Topf, MD</td>
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<tr>
<td>8:59 am</td>
<td>Trends in Laryngeal Cancer: Is the Etiology Shifting?</td>
<td>Kaitlyn Strickland, MD</td>
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<tr>
<td>9:18 am</td>
<td>Usefulness of Ultrasound for Accessing the Primary Site of Hypopharyngeal Carcinoma</td>
<td>Takahiro Fukuhara, MD</td>
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<tr>
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<td>Immunologic Responses to a Novel DNA Vaccine Targeting HPV11 E6E7</td>
<td>Simon R A Best, MD</td>
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<td>Clinical Outcomes of Patients with Vocal Fold Paralysis Documented by LEMG</td>
<td>Sean Lewis, MD</td>
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<tr>
<td>9:40 am</td>
<td>Compound Motor Action Potential Measures Acute Changes in Laryngeal Innervation in Canines</td>
<td>Neel K Bhatt, MD</td>
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<td>9:45 am</td>
<td>Moderator Closing</td>
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<td>9:50 am</td>
<td>Break with Exhibitors</td>
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### Session 5: Voice Disorders Block
Moderators: David Lott, MD
Albert Merati, MD

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:00 am</td>
<td>Comparison of a Dedicated Airway Unit Versus Intensive Care Unit: Impact on Hospital Costs for Airway Patients</td>
<td>Catherine K Hart, MD</td>
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<tr>
<td>10:30 am</td>
<td>Vocal Fold Injection of Absorbable Materials: A Histological Analysis with Clinical Ramifications</td>
<td>Steven Zeitels, MD</td>
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<tr>
<td>10:40 am</td>
<td>Quality of life of patients with Recurrent Respiratory Papillomatosis</td>
<td>Frederik G. Dikkers, MD</td>
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<td>10:50 am</td>
<td>Moderator Closing</td>
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<td>11:00 am</td>
<td>Moderator Closing</td>
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### Session 6: Airway Surgery and Sleep Medicine
Moderators: Maria Suurma, MD
Julie Wei, MD

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<tr>
<td>11:05 am</td>
<td>Selection of Tracheostomy Tube in the Morbidly Obese</td>
<td>Kristan P Alfonso, MD</td>
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<tr>
<td>11:20 am</td>
<td>Predictors of Response to Surgery in Thyrohyoid Pain Syndrome</td>
<td>Jeffrey M Straub, MD</td>
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<tr>
<td>11:25 am</td>
<td>Laryngopharyngeal Findings of Nocturnal Reflux: Finding Score Redux</td>
<td>Jamie Koufman, MD</td>
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<td>11:30 am</td>
<td>Moderator Closing</td>
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### Panel Presentation
Mucosal Immunology in the Development and Treatment of Laryngotraheal Disease
Moderator: Alexander Hillel, MD
Susan Thibeault, PhD
Alexander Gelbard, MD
Alessandro de Alarcon, MD

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<tr>
<th>Time</th>
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<td>11:45 am</td>
<td>Member Photograph (Members Only)</td>
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### Combined Poster Reception
Location: Grand Hall A-D, Grand Hall Foyer, and Seaport Foyer

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>5:30 pm</td>
<td>Combined Poster Reception</td>
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<tr>
<td>7:30 pm</td>
<td>Centennial Gala</td>
<td>Coronado Foyer</td>
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### THURSDAY, APRIL 27

- **ABEA Location:** Seaport DE (Unless Otherwise Noted)
- **7:00 am**
  - ABEA Members Business Meeting
- **7:45 am**
  - Presidential Welcome and Induction of New Members
- **7:55 am**
  - Presentation of Poster Awards
- **8:00 am**
  - Session 4: Cancer Block (Moderators: Christine Gourin, MD; Kerry Olsen, MD)
  - Moderator Opening
  - 8:00 am: Functional and Oncologic Outcomes of Transoral KTP Laser Surgery Versus Radiation for T1 Glottic Carcinoma (Jamal Ahmed, MD)
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  - 8:25 am: Moderator Closing
  - 8:30 am: Chevalier Q. Jackson Award (Jamie Koufman, MD)
  - 8:35 am: Chevalier Q. Jackson Lecture (Nicholas LaRusso, MD)
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  - 9:55 am: Break with Exhibitors
  - 10:00 am: Selection of Tracheostomy Tube in the Morbidly Obese (Kristan P Alfonso, MD)
  - 10:10 am: Predictors of Response to Surgery in Thyrohyoid Pain Syndrome (Jeffrey M Straub, MD)
  - 10:35 am: Laryngopharyngeal Findings of Nocturnal Reflux: Finding Score Redux (Jamie Koufman, MD)
  - 10:50 am: Moderator Closing

### Centennial Gala
- **7:30 pm**: Coronado Foyer
How to Get a “Head-(and Neck) Start” to Your Career

Jointly sponsored by the AHNS Young Members Ad Hoc Committee, AHNS Women’s Task Force, & AHNS Diversity Ad Hoc Committee

Session Chairs:
Amy Y Chen, MD, MPH
Uma Duvvuri, MD, PhD
Vikas Mehta, MD

Moderators:
Melonie Nance, MD
Thomas J Ow, MD

Panelists:
Carole Fakhry, MD, MPH
Eduardo Mendez, MD
Amy Y Chen, MD, MPH
Patrick K Ha, MD

Sarcopenia is an Independent Negative Prognostic Indicator for Wound Complications After Total Laryngectomy

Virginie Achim, MD

Effect of a Perioperative Education Program on Unplanned Readmission Following Total Laryngectomy

Virginie Achim, MD

Cost-Effective Analysis of Treatment Strategy of Head and Neck Squamous Cell Carcinoma by Early and Late Stage at Diagnosis in a Cancer Care Facility

Art Ambrosio, MD

Readmissions in Head and Neck Cancer - A National Perspective

Michelle M Chen, MD

The Role of Salvage Surgeries in Recurrent Hypopharyngeal Cancers After Primary Organ Preservation Therapy

Pei-Hsin Chu, MD

Survival After Refusal of Surgical Treatment for Locally Advanced Laryngeal Cancer

Sean T Massa, MD

Analysis of the Genomic Landscape of Anaplastic Thyroid Cancer Provides Insight into Thyroid Cancer Progression

Anthony C Nichols, MD

Avelumab (anti-PD-L1) in combination with chemoradiotherapy (CRT) vs CRT in first-line treatment of locally advanced squamous cell carcinoma of the head and neck (LA-SCCHN): JAVELIN Head and Neck 100 phase 3 trial

Ezra Cohen, MD

Novel C-Terminal Heat Shock Protein Inhibitors are Effective in Targeting Cisplatin Resistant Head and Neck Squamous Cell Carcinoma

Kevin J Kovatch, MD

Cisplatin Schedule and Pharmacogenomic Predictors of Ototoxicity in Head and Neck Cancer Patients Treated with Chemoradiation

Eric Winquist

PD-1 Blockade Prevents The Development of Oral Squamous Cell Carcinoma from Carcinogen-Induced Premalignant Lesions

Carlos Caulin

Post-Operative Immune Checkpoint Blockade to Prevent Cancer Recurrence in the Surgical Wound

Han-Sin Jeong, MD, PhD

Venous Thromboembolism Incidence in Head and Neck Surgery Patients: Analysis of the Veterans Affairs Surgical Quality Improvement Program (VASQIP) Database

Alia Mowery, BS

Cost-Effective Analysis of Treatment Strategy of Head and Neck Squamous Cell Carcinoma by Early and Late Stage at Diagnosis in a Cancer Care Facility

Art Ambrosio, MD

Readmissions in Head and Neck Cancer - A National Perspective

Michelle M Chen, MD
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Name</th>
<th>Presenters</th>
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<tbody>
<tr>
<td>10:00 am</td>
<td>Concurrent 1</td>
<td>Fangfang Wang, BM</td>
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<tr>
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<td>Prediction of Discharge</td>
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<td>Laryngectomy</td>
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<td>The Positive Impact of Expanding the Role of Advanced Practice Providers in Head and Neck Cancer Care</td>
<td>Emily Shindeldecker, NP</td>
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<td>Location: (UNLESS OTHERWISE NOTED)</td>
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<td>Concurrent 1: SEAPORT ABC / Concurrent 2: GASLAMP ABC</td>
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<tr>
<td>1:00 pm</td>
<td>Scientific Session 8: Outcomes</td>
<td>Mark Zafereo, MD, Patrick Ha, MD</td>
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<td>Reassessment of Adjuvant Therapy for High-Risk Resected Squamous Cell Carcinoma of the Head and Neck</td>
<td>Gaurav S Ajmani, MHS</td>
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<td>Margin Status, Surgical Approach, and Oncologic Outcomes Following Gross Total Resection of Sinonasal Melanoma</td>
<td>Zafar Sayed, MD</td>
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<td>Incidence and Risk Factors for Mandibular Osteoradionecrosis in the Modern Era</td>
<td>Dominic H Moon, MD</td>
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<td>2:00 pm</td>
<td>Concurrent 1</td>
<td>Jason Newman, MD, Richard Smith, MD</td>
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<tr>
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<td>Long-Term Survival Outcomes and Causes of Mortality in Advanced Stage Oropharyngeal Squamous Cell Carcinoma</td>
<td>Jessica M Clark, MD, MSC</td>
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<td>Second Primary in Oropharyngeal Squamous Cell Carcinoma (OPSCC)</td>
<td>Ameya Asarkar, MD</td>
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<td>Factors Associated with Recurrence and Distant Metastasis in HPV-Positive Oropharyngeal Squamous Cell Carcinoma (OPSCC) Following Transoral Robotic Surgery (TORS)</td>
<td>John R Sims, MD</td>
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<td>Prognostic Significance of Angiolymphatic and Perineural Invasion in Human Papillomavirus Associated Oropharyngeal Carcinoma</td>
<td>William G Albergotti, MD, PhD</td>
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<td>A Systematic Review of Transoral Laser Microsurgery and Transoral Robotic Surgery for Oropharyngeal Cancer</td>
<td>Jonathan Waxman, MD</td>
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<td>3:00 pm</td>
<td>Break with Exhibitors</td>
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<tr>
<td>3:30 pm</td>
<td>Scientific Session 9: Oropharynx</td>
<td>Hoon Yub Kim</td>
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<td>Comparative Analysis of Two Robotic Thyroidectomy Procedures: Transoral Versus Bilateral Axillo-Breast Approach</td>
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<td>Meta-Analysis Comparing Outcomes of Different Transoral Surgical Modalities in Management of Oropharyngeal Carcinoma</td>
<td>Ahmed S Ibrahim, MD</td>
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<td>Racial Disparities in Access to Transoral Robotic Surgery for Oropharyngeal Cancer</td>
<td>Demetri Arnaoutakis, MD</td>
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<td>Histopathologic Evaluation of Frozen Margins After Transoral Robotic Surgery (TORS)</td>
<td>Emily Barrow, MD</td>
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<td>Nivolumab Versus Investigator's Choice Therapy Among Patients with Human Papillomavirus (HPV)-Associated Squamous Cell Carcinoma of the Head and Neck (Scchn): Updated Results from Checkmate 141</td>
<td>ML Gillison</td>
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<td>A Novel Bioinformatic Method to Evaluate the Imaging Characteristics and Predict Extracapsular Extension in Lymph Node Metastasis Associated with HPV Positive Oropharyngeal Squamous Cell Carcinoma</td>
<td>Jonathan C Garneau, MD</td>
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**THURSDAY, APRIL 27**
Concurrent 2

3:30 pm
Scientific Session 10: Clinical Research

Moderators: Amy Y. Chen, MD, MPH
Larry Myers, MD

High-Dose or Low-Dose Cisplatin Concurrent with Radiotherapy in Locally Advanced Head and Neck Squamous Cell Cancer
Szu-Yuan Wu, MD, MPH

Objective and Subjective Hyposalivation After Treatment for Head and Neck Cancer: Long Term Outcomes
Ilya Likhterov, MD

The Utility of Elective Neck Dissection in Node-Negative Floor of Mouth Squamous Cell Carcinoma
Meghan M Crippen, MS

Submandibular Gland Transfer for the Prevention of Osteoradionecrosis and Xerostomia in Radiated Patients
Harry H Ching, MD

A Clinical Trial Evaluating 5-Azacytidine in the Treatment of HPV-Associated Head and Neck Cancer Patients
Michael Hajek

Contemporary Trends and Outcomes in the Management of Salivary Gland Carcinoma: A National Cancer Database Review
Jay Ferrell, MD

Incidence Of De Novo Head and Neck Cancer After Liver Transplantation at a Single Institution
Ryan C Graham

Prognostic Factors and Survival in Adenoid Cystic Carcinoma of the Sinonasal Cavity
Ashley C Mays, MD

Adjuvant Therapy Following Surgery for Head and Neck Cutaneous Squamous Cell Carcinoma
Broanna N Harris, MD

Factors Impacting Treatment Approaches for Sinonasal Squamous Cell Carcinoma: A National Cancer Data Base Analysis
Jennifer R Cracchiolo, MD

Limited Predictive Value of the National Surgical Quality Improvement Program Risk Calculator for Use In Head and Neck Oncology Surgical Patients
Peter S Vosler, MD, PhD

5:30 pm
President’s Poster Discussion Session
Poster Tour Moderators:
Clinical Research- William B. Lydiatt, MD
Clinical Trials/NMSC/Immunotherapy- Rohan R. Walvekar, MD
Endocrine- Maria Evasovich, MD
Genomics/Basic Science- Young Jun Kim, MD, PhD
Larynx/hypopharynx- Genevieve A Andrews, MD
Oral Cavity- Maie St. John, MD
Oropharynx- William R Ryan, MD
Reconstruction/Robotics- Jason T Rich, MD
Survivorship- Susan D. McCammon, MD
Value- Marilene B Wang, MD

7:30 pm
President’s Reception

Thank you, Dr. Shapshay, for your contributions to COSM and its mission to improve patient care.
7:55 am
Welcome
John DelGaudio, MD

Moderators:
Stella Lee, MD
Amber Luong, MD, PhD

8:00 am
Establishing Urinary Leukotriene E4 As a Diagnostic Biomarker for Chronic Rhinosinusitis with and without Comorbid Asthma and Atopy
Griffin Santarelli, MD

8:07 am
Pre-operative Lund-Mackay Ct Score Predicts Quality of Life Outcome Trajectories After Sinus Surgery in Chronic Rhinosinusitis Patients
Michal Trope, BA

8:14 am
Understanding the Relationship Between Olfactory-Specific Quality of Life, Objective Olfactory Loss, And Patient Factors in Chronic Rhinosinusitis
Jose L Mattos, MD, MPH

8:21 am
Role of Tissue Eosinophils in Chronic Rhinosinusitis-Associated Olfactory Loss
Leah J Hauser, MD

8:28 am
Discussion

8:33 am
LL-37 Causes Cell Death of Human Nasal Epithelial Cells, which is Inhibited with a Synthetic Glycosaminoglycan
Andrew J Thomas, MD

8:40 am
Ciprofloxacin Antimicrobial Activity Against Pseudomonas Aeruginosa is Enhanced by the CFTR Potentiator, Ivacaftor
Do-Yeon Cho, MD

8:47 am
Denatonium-Induced Bacterial Killing in Sinonasal Epithelium Correlates with Chronic Rhinosinusitis Clinical and Surgical Outcomes
Alan Workman, BA

8:54 am
Oral Glucosamine Treatment Had Anti-Allergic Effect in Mice with Allergic Asthma and Rhinitis
Ah-Yeoun Jung, MS

9:01 am
Discussion and Award Presentation

9:08 am
Presidential Address
John DelGaudio, MD

9:18 am
Panel
Fresh out of the Box: Compelling Recent Advances
Moderator: Benjamin Bleier, MD

10:00 am
Break with Exhibitors

10:08 am
Chronic Rhinosinusitis-Associated Cytokines in Olfactory Cleft Mucus
Jeffanie Wu

10:20 am
Vitamin D in Airway Epithelium Derived from Chronic Rhinosinusitis Patients
Sophia W, MA, BMed

10:27 am
Assessment of Acquired Mucociliary Clearance Defects Using Microscopic Optical Coherence Tomography
Jessica Grayson, MD

10:34 am
The Role of Tight Junctions in the Pathogenesis of Chronic Rhinosinusitis
Raewyn A Cavubati

10:41 am
Calgranulin C (s100a12) is Differentially Expressed in Subtypes of Chronic Rhinosinusitis
Abigail Pulsipher, PhD

10:47 am
Denatonium-Induced Bacterial Killing in Sinonasal Epithelium Correlates with Chronic Rhinosinusitis Clinical and Surgical Outcomes
Alan Workman, BA

10:54 am
Defining a Minimal Clinically Important Difference (MCID) for the Brief Smell Identification Test in Chronic Rhinosinusitis
Joshua M Levy, MD, MPH

11:08 am
Referral Patterns for Patients with Olfactory Dysfunction and Their Effect on Outcomes
Aakanksha Rathor, MD

11:15 am
Discussion

11:21 am
Panel
Leadership Lessons Learned
Moderator:
Michael G Stewart, MD, PhD

12:00 pm
Lunch

1:00 pm
Histopathology in Chronic Rhinosinusitis Varies with Sinus Culture
Ashley L Heilingoetter, MPH

1:07 pm
Microbiota Diversity in a Rabbit Model of Chronic Rhinosinusitis
Matthew Fort, MD

1:14 pm
Susceptibility of Airway Pathogens to Antimicrobial Effects of Nitric Oxide
Alan D Workman, BA
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Authors/Experts</th>
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<tbody>
<tr>
<td>1:21</td>
<td>Novel Role of Surfactant Protein A in Bacterial Sinusitis</td>
<td>George T Noutsios, PhD</td>
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<td>1:28</td>
<td>Discussion</td>
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<td>Moderators: Greg Davis, MD, MPH, Mark Zacharek, MD</td>
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<td>1:34</td>
<td>A Prospective Analysis of Mucosal Biopsy Location and its Clinical Relevance in Chronic Rhinosinusitis with Nasal Polypos</td>
<td>Ava R Weibman, BA</td>
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<td>1:41</td>
<td>The Role of Doxycycline in the Management of Chronic Rhinosinusitis with Nasal Polyps</td>
<td>Sarah M Kidwai, MD</td>
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<td>1:48</td>
<td>The Role of Mast Cells and Tim-3 Expression in Determining Severity of Chronic Rhinosinusitis with Nasal Polyps</td>
<td>Erica Corredera, MS</td>
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<td>1:55</td>
<td>Discussion</td>
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<td>2:01</td>
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<td></td>
<td><strong>Culture Shock: Updates on the Microbiome in Rhinosinusitis</strong></td>
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<td>Moderator: Andrew Goldberg, MD</td>
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<td>Moderators: Oswaldo Henriquez, MD, Spencer Payne, MD</td>
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<td>2:41</td>
<td>Accuracy of Computer-Assisted Navigation: Significant Augmentation by Facial Recognition Software</td>
<td>Jordan T Glickman, MD, PhD</td>
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<tr>
<td>2:48</td>
<td>A Prospective, Randomized, Single-Blinded Trial for Improving Health Outcomes in Rhinology by the Use of Personalized Video Recordings: Initial Findings</td>
<td>Saurabh Sharma, MD</td>
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<td>2:55</td>
<td>Immersive Virtual Reality as a Teaching Tool for Neuroanatomy</td>
<td>Katelyn Stepan, MD</td>
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<td>3:02</td>
<td>Discussion</td>
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<td>3:08</td>
<td>Business Meeting</td>
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<td>3:15</td>
<td>Break with Exhibitors</td>
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<td>Moderators: Subinoy Das, MD, Jivianne Lee, MD</td>
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<td>4:09</td>
<td>Safety and Efficacy of Fluticasone-Eluting Sinus Implant in Rabbit Model</td>
<td>Peter Hwang, MD</td>
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<td>4:16</td>
<td>Eustachian Tube Balloon Dilation for Immediate Relief of ET Dysfunction</td>
<td>Vincent Honrubia, MD</td>
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<td>4:23</td>
<td>Safety and Tolerability of Surfactant Nasal Irrigation</td>
<td>Justin H Turner, MD</td>
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<td>4:30</td>
<td>Cryosurgical Posterior Nasal Nerve Ablation for Improving Rhinitis Symptoms – Extended Follow-up</td>
<td>Jacob Johnson, MD</td>
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<td></td>
<td>Advances and Challenges in Managing Cystic Fibrosis</td>
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<td>Moderator: Erin O’Brien, MD</td>
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<td>5:25</td>
<td>Closing Remarks and Adjourn</td>
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<td>5:30</td>
<td>Combined Poster Reception</td>
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<td>1:00 pm</td>
<td>Tissue Stem Cell and Stem Cell Niche of the Vocal Fold Mucosa: Identification Using Label-Retaining Cell Assay Kiminobu Sato, MD</td>
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<td>1:07 pm</td>
<td>Young Faculty/Practitioner Award A Three Dimensional Vocal Fold Structure for Laryngeal Reconstruction Astha Malhotra, MD Award Presentation: Kenneth W Altman, MD, PhD</td>
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<td>1:14 pm</td>
<td>Microfibril-Associated Macromolecules and Biomechanical Properties of the Human Vocal Fold Mucosa Kiminori Sato, MD, PhD</td>
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<td>1:21 pm</td>
<td>Hirano’s Cover-Body Model and Its Unique Laryngeal Postures Revisited Andrew M Vahabzadeh-Hagh, MD</td>
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<td>1:28 pm</td>
<td>Discussion</td>
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<td>1:34 pm</td>
<td>Introduction to Daniel C Baker, MD Lecturer Kenneth W Altman, MD, PhD</td>
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<td>1:35 pm</td>
<td>Daniel C Baker MD Lecture Will the Vocal Ligament Become an Appendix in Humans? Ingo Titze, PhD</td>
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<td>2:04 pm</td>
<td>Impact of Medialization Laryngoplasty on Dynamic Nonmechanical Vocal Fold Properties Gregory R. Dion, MD</td>
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<td>2:11 pm</td>
<td>Minimal Clinically Important Difference (MCID) of Voice Handicap Index-10 in Patients with Vocal Fold Paralysis VyVy N Young, MD</td>
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<td>2:18 pm</td>
<td>Time Course of Recovery of Idiopathic Vocal Fold Paralysis Solomon Husain, BS</td>
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<td>2:25 pm</td>
<td>Casselberry Award The Natural History of Recoverable Unilateral Vocal Fold Paralysis: 12 Months Is Too Long to Wait Ted Mau, MD, PhD Award Presentation: Randal C Paniello, MD, PhD</td>
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<td>2:32 pm</td>
<td>Discussion</td>
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<td>2:45 pm</td>
<td>Break with Exhibitors</td>
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<td>3:15 pm</td>
<td>Spontaneous Ventilation Under Total Intravenous Anesthesia without an Endotracheal Tube for Adults Undergoing Suspension Microdirect Laryngoscopy Mi Jin Yoo, MD</td>
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<td>3:22 pm</td>
<td>Expiratory Function by Aspiration Status in Post-Radiation Head and Neck Cancer Survivors Katherine A Hutcheson, PhD, CCC-SLP</td>
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<td>3:29 pm</td>
<td>Investigating the Effects of Laryngeal Stenosis on Upper Airway Aerodynamics Tracy Cheng, AB</td>
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<td>3:36 pm</td>
<td>The Use of Computational Fluid Dynamics to Predict Ideal Inhaled Particle Size for Laryngeal Deposition in the Setting of Vocal Fold Granulomas Elizabeth Perkins, MD</td>
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<td>3:43 pm</td>
<td>The PD-1 and PD-L1 Pathway in Recurrent Respiratory Papillomatosis Simon R A Best, MD</td>
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<td>3:50 pm</td>
<td>Discussion</td>
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**Scientific Session VI:**

**Airway I**

Moderators: Sid Khosla, MD Albert Merati, MD

**2:45 pm**

Break with Exhibitors

**2:45 pm**

**3:00 pm**

Announcements (Poster Presentations Awards, 2017 Research Grant Awards)

**4:10 pm**

Panel Discussion

The HPV Epidemic: What Our Patients Want to Know About the Virus

Moderator: James Burns, MD

Panelists: Simon R A Best, MD Ryan C Branski, PhD Frederik G Dikkers, MD, PhD Glendon Gardner, MD Karen Zur, MD

**5:00 pm**

Adjournment

**5:05 pm**

Neurolaryngology Study Group

The Potential Role of Technology, Laryngology, and Gastroenterology in Improving Parkinson’s Disease Clinical Care

Speaker: Todd P Coleman, PhD

**5:30 pm**

Combined Poster Reception

Location: Grand Hall A-D, Grand Hall Foyer, and Seaport Foyer
7:55 am
Opening Remarks
Lisa Grunebaum, MD
J Randall Jordan, MD

8:00 am
Current Trends in CMF Trauma
Robert Kellman, MD

8:42 am
Change in Columellar-Philtral Angle over Time After Rhinoplasty: An Original Report and Guide for the Beginning Rhinoplasty Surgeon
Tara E Brennan, MD

8:52 am
The Impact of an Alar Base Reduction on the Nasal Airway
Sai Sumana Gupta, MD

9:02 am
Severe Thyroid-Associated Orbitopathy Leads to Attentional Distraction: A 3-D Eye-Tracking Study
David Liao, BA

9:10 am
Lecture
Practice Management/Marketing for Cosmetic Surgeons
Jonathan Kaplan, MD

9:55 am
Break with Exhibitors

10:25 am
Lecture
Facial Reanimation
Babak Azizzadeh, MD

11:07 am
Quality Improvement Project For Appropriate Facial Fracture Imaging Selection
Neha Kumar, MD

11:17 am
Measuring Facial Paralysis Severity – Do Our Tools Match Social Perceptions?
Jason C Nellis, MD

11:27 am
Turn-in Modification of Bilobed Flap for Single Stage Reconstruction of a Full Thickness Nasal Defect
Denzel A Cole, MD

11:37 am
Equivalent Outcomes of Nasal Tip Reconstruction: A Retrospective Comparison of Double Half Bilobe Flap to Traditional Bilobe
Brandon Jackson Baird, MD

11:45 am
AAFPRS Membership
Fred Fedok, MD

12:00 pm
Lunch with Exhibitors

1:00 pm
Lecture
Multidimensional Facial Rejuvenation
Fred Fedok, MD

1:45 pm
Lecture
Facelift Pearls: A Woman’s View
Jill Hessler, MD
Sarmela Sunder, MD

2:30 pm
Long-Term Review of the Lateral Crural Steal: Its Effect on Nasal Tip Projection and Rotation in Rhinoplasty
Christian P Conderman, MD

2:38 pm
Biochemical Compositional Analysis of Cadaveric Rib Cartilage
Jeffrey Teixeira, MD

2:46 pm
Quantification of Rhinoplasty Instrument Sharpness Using Optical Coherence Tomography
Jeffrey T Gu, MD

3:00 pm
Break with Exhibitors

3:30 pm
Panel
Quick Tips for Achieving the Best Outcomes in Minimally Invasive Cosmetics
Lisa Grunebaum, MD
Sarmela Sunder, MD
Jill Hessler, MD
Sabrina Fabi, MD

4:15 pm
Comparison of Spreader Graft Outcomes and Operative Times Based on Open Versus Endonasal Approach
Jason Talmadge, MD

4:31 pm
Nasal Lateral Wall Insufficiency Repair in Practice: A Case-Control Study
Reza Vaezeafshar, M

4:39 pm
Willingness to Pay for Increased Attractiveness through Rhinoplasty
David Chen, MD

4:53 pm
Panel
Nasal Valve Dysfunction Panel Co-Sponsored with ARS
Moderator:
Lisa Grunebaum, MD
Sam P Most, MD
Richard Harvey, MD, PhD
Leigh Sowerby, MD, MHM, FRCSC
Travis T Tollefson MD, MPH, FACS

5:30 pm
Adjourn

5:30 pm
Reception
Sponsored by Spirax

5:30 pm
Combined Poster Reception
Location: Grand Hall A-D and Grand Hall Foyer
FRIDAY, APRIL 28

TRIO

LOCATION: (UNLESS OTHERWISE NOTED)
CONCURRENT 1: SEAPORT FGH / CONCURRENT 2: SEAPORT DE

7:00 am
Business Meeting
(TRIO Fellows only)
New Fellow Ceremony and Reception

8:05 am
Welcome by President
Charles W Beatty, MD FACS

8:10 am
Introduction of Guest of Honor and Remarks
H Bryan Neel III, MD, PhD, FACS

8:15 am
Presidential Citations
Juan Manuel Garcia, MD
John T McElveen Jr, MD
Kerry D Olsen, MD, FACS

8:25 am
Presidential Address:
Just Say “Yes”!
Charles W Beatty, MD FACS

8:40 am
Introduction of 2017 Thesis Award Presenters
Dana M Thompson, MD, FACS

8:41 am
Harris P Mosher Thesis Award Presentation
Evaluation of the Natural History of Patients Who Aspirate
Jonathan M Bock, MD

8:48 am
Fowler Thesis Award Presentation
An Animal Model of Deep Brain Stimulation (DBS) for Treating Tinnitus-A Proof of Concept Study
Syed F Ahsan, MD, FACS

8:55 am
Ogura Lecture
Lessons Learned While Following the Metamorphosis of Oropharyngeal Cancer
Eric J Moore, MD, FACS

9:20 am
Break with Exhibitors

CONCURRENT 1

Head & Neck/Laryngology

Moderators:
Albert L Merati, MD, FACS
Brett A Miles, MD, DDS, FACS

9:45 am
Panel
Updates in Head and Neck Cancer Management
Moderator:
Carol R Bradford, MD, FACS
Panellists:
Ravindra Uppaluri, MD, FACS
Dennis H Kraus, MD, FACS
J Scott Magnuson, MD

10:25 am
Thyroid Cancer Clinical Trials in the United States:
Are We Maximizing Impact?
Alan Hsieh, BSc

10:32 am
Morbidity and Mortality of Oncologic Resections in Octogenarian and Older Head and Neck Cancer Patients
Heidi E L’Esperance, MD

10:39 am
EGFR Detection in Saliva as an Easy Diagnostic and Prognostic Tool in Oral Squamous Cell Cancer
Cesare Piazza, MD

10:46 am
Clinical Characteristics and Outcomes for Salivary Gland Malignancies in Children:
An Update from the SEER Database
Shannon N Radomski, BA

10:53 am
Health Disparities Among Adults With Voice Problems in the United States
Kevin Hur, MD

11:00 am
Repairing the Vibratory Vocal Fold
Jennifer L Long, MD, PhD

11:07 am
Early Injection Laryngoplasty for Unilateral Vocal Fold Paralysis Decreases the Risk of Thyroplasty: A Systematic Review and Meta-Analysis
Peter M Vila, MD, MSPH

11:14 am
Q&A

12:05 pm
Adjournment

CONCURRENT 2

Otology/Neurotology and Pediatric Otolaryngology

Moderators:
Karen J Enright, MD, PhD
Howard W Francis, MD

9:45 am
Classification of Endoscopic Ear Surgery
Razan A Basonbul, MBBS, MPH

9:52 am
Eustachian Tube Reconstruction for the Treatment of Patulous Eustachian Tube
Madeline A Coulter, BA

9:59 am
The Impact of Obesity in Vestibular Schwannoma Surgery: A Parallel Analysis of the NIS and NSQIP Databases
Shreya Patel, BS

10:06 AM
A Systematic Review of Temporal Bone Trauma Causing Facial Nerve Injury: A Suggestion for Minimum Reporting Guidelines
Prasanth Pattisapu, MD MPH

10:13 am
Otolologic Biomarkers: Early Detection of Hearing Loss in a Cisplatin Ototoxicity Model
James G Naples, MD

10:18 am
Q&A

5:30 pm
Combined Poster Reception
Location: Grand Hall A-D and Grand Hall Foyer
**Location:** (Unless otherwise noted)

**Concurrent 1:** Seaport FGH / **Concurrent 2:** Seaport DE

**10:25 am**
**Panel**
Evaluation and Management of a Child with Sensorineural Hearing Loss - What's New?
Moderator: Bradley W Kesser, MD
Panelists:
John H Greinwald Jr, MD
Margaret A Kenna, MD, FACS
Robert C O’Reilly, MD, FACS
Harold C Pillsbury, MD, FACS

**11:05 am**
Management Considerations for Octo- and Nonagenarian Cochlear Implant Recipients
Harold C Pillsbury, MD

**11:12 am**
Trends in Socioeconomic, Race, and Insurance Disparities of Pediatric Cochlear Implantation over a 15 Year Period
Alex J F Tampio, MD

**11:19 am**
Predictive Factors for Short and Long Term Functional Hearing Preservation in Cochlear Implantation
George B Wanna, MD

**11:26 am**
Linguistic and Behavioral Outcomes of Bilingual Children with Hearing Loss
Neelaysh Vukkadala, BS

**11:33 am**
Blood Transfusion in Children with Sickle Cell Disease Undergoing Tonsillectomy
Carlyn M Atwood, MD

**11:47 am**
National Admission Patterns and Complication Rates for Thyroglossal Duct Cyst Surgery
Sharon H Gnagi, MD

**11:54 am**
Diagnosis and Treatment of Paradoxical Vocal Fold Motion in Infants
Ashley P O’Connell Ferster, MD

**12:01 pm**
Q&A

**12:05 pm**
Adjournment

**5:30 pm**
Combined Poster Reception
Location: Grand Hall A-D and Grand Hall Foyer

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**Scientific Session VII: Scar and Epithelium**
Moderators:
Stacey Halum, MD
Seth Dailey, MD

**1:02 pm**
Temporalis Fascia Transplantation for Sulcus Vocalis and Vocal Fold Scar: Long Term Outcomes
William E Karle, MD

**1:09 pm**
Histological and Functional Outcomes of Small Intestinal Submucosa and Microflap Elevation for the Treatment of Chronic Vocal Fold Scar
Michael J Pitman, MD

**1:16 pm**
Recovery Process of Tight Junction-based Functional Barriers in Injured Vocal Fold Epithelium
Ryo Suzuki, MD, PhD

**1:23 pm**
EGFR-Pathway Protein Levels in Tumor Cells and Their Effect on Treatment Response
Yuval Nachalon, MD

**1:30 pm**
Discussion

**Scientific Session VIII: Airway II**
Moderators:
Frederik G. Dikkers, MD, PhD
Michael M. Johns III, MD

**1:36 pm**
Hormone Receptor Analysis in Idiopathic Progressive Subglottic Stenosis (IPSS) Patients
Ivana Fiz, MD

**1:43 pm**
Determining Candidate Single Nucleotide Polymorphisms in Acquired Laryngotracheal Stenosis
Mursalin M. Anis, MD, PhD

**1:50 pm**
Functional Results After Partial Cricotracheal Resection Anastomosis (PCTRA) in Idiopathic Progressive Subglottic Stenosis (IPSS)
Cesare Piazza, MD

**1:57 pm**
Awake Serial Intra-Lesional Steroid Injections Without Surgery as a Novel Targeted Treatment for Idiopathic Subglottic Stenosis
Ramon A Franco Jr., MD

**2:04 pm**
Discussion
FRIDAY, APRIL 28

ALA CONTINUED

Scientific Session IX: Cancer
Moderators:
Elizabeth Sjorgren, MD, PhD
Ted Mau, MD, PhD

2:09 pm
Multi-modality Analysis of Long Term Voice Outcome following Radiation Versus Trans-oral Laser Microsurgery for Early Glottic Carcinoma
Yue Ma, MD

2:16 pm
Local Inflammatory Reaction to Benign, Premalignant and Malignant Laryngeal Lesions
Hagit Shoffel-Havakuk, MD

2:23 pm
Resident Research Award
Epidemiological Trends for Non-smokers and Young Adults with Laryngeal Squamous Cell Carcinoma
Ian-James Malm, MD
Award Presentation:
Kenneth W Altman, MD, PhD

2:31 pm
Impact of Laryngeal Exposure on Margin Status in Patients Treated by Transoral Laser Microsurgery for Glottic Tis-T2
Alberto Paderno, MD

2:38 pm
Discussion

2:44 pm
Introduction of 2018 President

2:45 pm
Adjournment

ABEA

3:20 pm
Presidential Panel
Supported by the Voice Health Institute Endowment
Global Impact of Disruptive Innovations in Bronchoesophagology and Laryngology - The Story of the Innovator and the Innovation
Moderator: Michael Hinni, MD
Panelists:
Robin Colton, MD
Bruce Haughey, MD
Jamie Koufman, MD
Steve Zeitels, MD

4:10 pm
Session 7: President’s Picks for Innovation/Disruption/Diversity
Andrew Blitzer, MD

4:15 pm
Targeting Metabolic Abnormalities to Reverse Fibrosis in Iatrogenic Laryngotracheal Stenosis
Michael K Murphy, MD

4:19 pm
Attributes for Identifying Patients with Spasmodic Dysphonia and Other Voice Disorders
Christy L Ludlow, MD

4:23 pm
Adductor Function After Canine Recurrent Laryngeal Nerve Injury and Repair
Randal C Paniello, MD

4:30 pm
Panel: Have We Really Advanced the Field in the Past 20 years? A Critical Look
Moderator: Albert Merati, MD
Panelists:
Michael Johns, MD
Blake Simpson, MD
David Francis, MD
Lucian Sulica, MD

4:30 pm
Innovative Discussion

5:00 pm
Adjournment
**FRIDAY, APRIL 28**

**ANS LOCATION: SEAPORT DE (UNLESS OTHERWISE NOTED)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>1:00 pm</td>
<td>Business Meeting&lt;br&gt;New Member Induction</td>
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<tr>
<td>1:30 pm</td>
<td>Welcome &amp; Opening&lt;br&gt;Remarks by the President&lt;br&gt;Lawrence R Lustig, MD</td>
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<tr>
<td>1:35 pm</td>
<td>Presidential Citations&lt;br&gt;Recipients:&lt;br&gt;Steven W Cheung, MD&lt;br&gt;Paul A Fuchs, PhD&lt;br&gt;Robert K Jackler, MD&lt;br&gt;Anil K Lahwani, MD&lt;br&gt;Lloyd B Minor, MD</td>
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<tr>
<td>1:45 pm</td>
<td>William F House Memorial Lecture&lt;br&gt;The Struggles of Medical Innovation: Honoring the Legacy of Dr. House&lt;br&gt;Professor Gerard M O’Donoghue, FRCS</td>
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<tr>
<td>2:15 pm</td>
<td><strong>Section I: Cochlear Implants</strong></td>
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<tr>
<td>2:18 pm</td>
<td>Abnormal Cochleovestibular Nerves and Pediatric Hearing Outcomes: “Absent Cochlear Nerves” Can Derive Benefit from Cochlear Implantation&lt;br&gt;Elina Kari, MD</td>
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<tr>
<td>2:26 pm</td>
<td>An In-vitro Insertion-force Study of Magnetically Guided Lateral-wall, Cochlear-implant Electrodes&lt;br&gt;Lisandro Leon, MS</td>
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<tr>
<td>2:34 pm</td>
<td>Neurotology Fellow Award&lt;br&gt;Real-time Intracochlear Electrocochleography Obtained Directly through a Cochlear Implant&lt;br&gt;Michael S Harris, MD</td>
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<tr>
<td>2:45 pm</td>
<td>Break with Exhibitors</td>
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<tr>
<td>2:45 pm</td>
<td><strong>Section I: Cochlear Implants</strong></td>
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<tr>
<td>2:45 pm</td>
<td>Early Outcomes with a Slim, Modular Cochlear Implant Electrode Array&lt;br&gt;Jonathan L McJunkin, MD</td>
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<td>3:00 pm</td>
<td>Prospective Evaluation of Patients Undergoing Concurrent Translabyrinthine Excision of Vestibular Schwannoma with Concurrent Cochlear Implantation&lt;br&gt;Kevin D Brown, MD, PhD</td>
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<tr>
<td>3:05 pm</td>
<td>Break with Exhibitors</td>
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<tr>
<td>3:15 pm</td>
<td>Assessing Cochlear Implant Outcomes in Older Adults Using HERMES, a National Web-Based Database&lt;br&gt;Stephanie Y Chen, BM</td>
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<td>Early Outcomes with a Slim, Modular Cochlear Implant Electrode Array&lt;br&gt;Jonathan L McJunkin, MD</td>
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<td>3:31 pm</td>
<td>Intracochlear Measurements and Histologic Findings Relevant to Cochlear Implantation in Malformed Cochleae: A Human Temporal Bone Study&lt;br&gt;Reuven Ishai, MD</td>
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<td>3:39 pm</td>
<td>ANS Trainee Award&lt;br&gt;Selective Stimulation of Facial Muscles following Chronic Intraneural Electrode Array Implantation and Facial Nerve Injury in the Feline Model&lt;br&gt;Yarah M Haidar, MD</td>
</tr>
<tr>
<td>3:55 pm</td>
<td>Introduction - ANS Research Grant&lt;br&gt;Introduction - ANS Research Grant&lt;br&gt;Cochlear Irradiation: Apoptosis, Necrosis, and Hearing Loss&lt;br&gt;Christine Dinh, MD</td>
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<tr>
<td>4:05 pm</td>
<td>Discussion</td>
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<tr>
<td>4:10 pm</td>
<td>Panel&lt;br&gt;Telemedicine in Neurotology&lt;br&gt;Jonathan E Gordon, MBA&lt;br&gt;David Massaro, MD&lt;br&gt;John Kokesh, MD</td>
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<tr>
<td>5:00 pm</td>
<td>Adjournment&lt;br&gt;Lawrence R Lustig, MD</td>
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<td><strong>Section I: Cochlear Implants</strong></td>
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<td>5:00 pm</td>
<td>Announcement of ANS &amp; AOS Poster Awards&lt;br&gt;Craig Buchman - ANS Education Director&lt;br&gt;Carol Bauer - AOS Education Director</td>
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<tr>
<td>5:30 pm</td>
<td>Combined Poster Reception&lt;br&gt;Location: Grand Hall A-D and Grand Hall Foyer</td>
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<tr>
<td>7:00 pm</td>
<td>ANS 52nd Annual President’s Reception&lt;br&gt;(Members and Invited Guests Only)</td>
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12:00 pm
Lunch with Exhibitors

12:55 pm
Welcome
John DelGaudio, MD

1:00 pm
Panel
New Insights into the Impact of Chronic Rhinosinusitis
Moderator: Zachary Solar, MD

1:40 pm
Distinct Histopathologic Features of Radiation-Induced Chronic Sinusitis
Hannah N Kuhar, BA

1:47 pm
Chronic Sinonasal Tract Inflammation as a Precursor to Nasopharyngeal Carcinoma and Sinonasal Malignancy in the United States
Eric L Wu, MS

1:54 pm
Gender-Specific Differences in Serum IgE Levels and Prevalence of Fungus in Sinonasal Tissue Noted in Chronic Rhinosinusitis Patients Undergoing Endoscopic Sinus Surgery
Antoine Azar, BS

2:01 pm
Prevalence of Positive Allergen Reaction in Allergic Rhinitis and Non-Allergic Rhinitis
Aneeza Hamizan, MD

2:08 pm
Discussion
Moderators:
Stacey Gray, MD
Marc Dubin, MD

2:14 pm
Validated Outcome Measures Demonstrate Substantial Pain Improvement Following Endoscopic Sinus Surgery in Patients with Chronic Rhinosinusitis
Daniel R Cox, MD

2:21 pm
Beyond the Lund-Mackay Score: What Radiographic Disease Burden Tells Us About Patient-Reported Outcomes in Chronic Rhinosinusitis
Naveed I Chowdhury, MD

2:28 pm
The Relationship Between Chronic Rhinosinusitis and Socioeconomic Status, Race, and Insurance Status
Madeleine Samuelson, MD

2:35 pm
Diagnostic Grouping of Rhinologic Patients by Cluster Analysis
Charles A Riley, MD

2:42 pm
Discussion

2:48 pm
Panel
Progress Report: Women in Rhinology
Moderator:
Ayesha Khalid, MD, MBA

3:25 pm
Break with Exhibitors

3:52 pm
Chester F. Griffiths, MD

3:59 pm
Inhibition of Fibroblast Growth Factor Receptor with Azd-4547 Mitigates Juvenile Nasopharyngeal Angiofibroma
Tran B. Le, MD

4:06 pm
The Bilateral Nasoseptal Rescue Flap: An Analysis of 100 Consecutive Patients and Implications for Routine Transphenoidal Surgery
Brian C. Lobo, MD

4:13 pm
Discussion

4:19 pm
Evaluating Real-Time Effects of Topical 1:1000 Epinephrine in Endoscopic Sinus and Skull Base Surgery on Hemodynamic Parameters Through Intra-Operative Arterial Line Monitoring
Michael T. Yim, MD

4:26 pm
Effects of Ophthalmologic Solutions on Sinonasal Ciliated Epithelium for Use in Nasal Drug Delivery
Alan D. Workman, BA

4:33 pm
Endoscopic Sinus Surgery in Children: Analysis of Pediatric National Surgical Quality Improvement Program Safety Outcomes
Christopher R Roxbury, MD

4:40 pm
An Evidence Based Approach to Reducing Prescriptions for Narcotic Pain Medication After Sinus and Nasal Surgery
Sophia D Becker

4:47 pm
Discussion

4:53 pm
Panel
Optimal Treatment of the Nasal Valve (ARS & AAFPRS)

5:30 pm
Closing Remarks and Adjourn
John DelGaudio, MD
SATURDAY, APRIL 29

ANS LOCATION: SEAPORT DE (UNLESS OTHERWISE NOTED)

7:00 am
Business Meeting/Committee Reports

7:30 am
Welcome & Opening Remarks by the President Lawrence R Lustig, MD

Section II:
Translational Science and General Neurotology

7:32 am
Introduction

7:35 am
MitoQ as Novel Agent for Protecting against Amikacin Ototoxicity
Carolyn O Dirain, PhD

7:43 am
The Small Molecule Oral Drug Candidate SENS-341 Effectively Reduces Cisplatin-induced Hearing Loss in Rats
Mathieu Petremann, MS

7:51 am
Age-related Increase in Serum Levels of Otolin-1 in Humans
Ryan D Tabtabai, BS

7:59 am
Connexin 26 Immunofluorescence in Temporal Bones with Cochlear Otosclerosis
Mia E Miller, MD

8:07 am
Patulous Eustachian Tube Dysfunction: Patient Demographics and Comorbidities
Bryan K Ward, MD

8:15 am
Discussion

8:19 am
ANS/AAO/Herbert Silverstein Award
Gap Junctions in the Cochlear Response to Sound and Noise in Vitro
Dylan Chan, MD, PhD

Section III:
Vestibular Disorders

8:30 am
Introduction

8:33 am
Radiographic Signs of Intracranial Hypertension in Patients with Meniere’s Disease May Predict Poor Audiovestibular Outcomes
Shawn M Stevens, MD

8:41 am
Large Vestibular Aqueduct: Radiological Review of High-Resolution CT versus High-Resolution Volumetric MRI
Nicholas L Deep, MD

8:49 am
Nicholas Torok Vestibular Award
Investigating Vestibular Blast Injury: Semicircular Canal Pressure Changes during High-Intensity Acoustic Stimulation
Anne K Maxwell, MD

9:05 am
Discussion

9:10 am
William E. Hitselberger Memorial Lecture
Beating the Drum: An Australian Story of Innovation
Marcus Atlas, MBBS, FRACS

9:45 am
Break with Exhibitors

Section IV:
Skull Base Surgery

10:15 am
Introduction

10:17 am
Systematic Review of Hearing Outcomes after Radiotherapy for Vestibular Schwannoma
Adam R Coughlin, MD

10:25 am
Impact of Surgical Volume on Vestibular Schwannoma Surgical Outcomes
Michael J Bauschard, MD, MS

10:33 am
Is Routine Chemical Prophylaxis Needed for Prevention of Deep Vein Thrombosis in Acoustic Neuroma Surgery?
Geoffrey C Casazza, MD

10:41 am
Audiologic Natural History of Small Volume Cochleovestibular Schwannomas in Neurofibromatosis Type 2
Alvin T deTorres, MD

10:49 am
Unlike in Vestibular Schwannoma, Cochlear Dysfunction is not Common in Meningioma of the Cerebellopontine Angle
Lukas D Landegger, MD

10:57 am
Surgical Management of Tumors Involving Meckel’s Cave and Cavernous Sinus: Role of a Lateral Sphenoidectomy Approach
Daniel Q Sun, MD

11:05 am
Discussion

11:10 am
Panel
Complications in Neurotology
Moderator: Robert K. Jackler, MD
Panelists:
Derald E Brackmann, MD
Erika A Woodson, MD
Christine Dinh, MD
Jacques A Herzog, MD

12:00 pm
Adjournment
Lawrence R Lustig, MD
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<tr>
<td>7:00 am</td>
<td>Business Meeting (TRIO Fellows only)</td>
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<tr>
<td>7:55 am</td>
<td>Welcome by President Charles W. Beatty, MD FACS</td>
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<tr>
<td>8:00 am</td>
<td>Facial Plastic/Reconstructive Surgery and Sleep Medicine</td>
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<tr>
<td></td>
<td>Moderators: David B. Hom, MD FACS, Erica R. Thaler, MD FACS</td>
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<td></td>
<td>Panel: The Aging Face - What's Real and What's Hype?</td>
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<td></td>
<td>Moderator: Lisa E. Ishii, MD MHS</td>
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<td>Panelists: J. Madison Clarke, MD FACS, S. Park, MD, T. Tollefson, MD</td>
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<tr>
<td>8:35 am</td>
<td>Tobacco Exposure and Biomarkers of Wound Healing in Head and Neck</td>
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<td>Surgical Wounds</td>
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<td>Amy Anne D. Lassig, MD</td>
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<td>8:42 am</td>
<td>Facial Fractures in Helmeted and Non-Helmeted Bicycle Trauma</td>
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<td></td>
<td>Tania Benjamin, BS</td>
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<td>8:49 am</td>
<td>Is There a Good Side? The Role of Laterality in Facial Paralysis</td>
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<td>Severity Perceptions</td>
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<td>Jason C. Nellis, MD</td>
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<td>8:56 am</td>
<td>Workplace Facial Trauma 2004-2014 - Progress Made, Progress Pending</td>
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<td>Joshua E. Romero, MD</td>
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<tr>
<td>9:03 am</td>
<td>Comparison of Manual Reduction, Arch Bars, and Other Maxillomandibular Fixation Techniques for Mandibular Angle Fractures</td>
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<td>Ronald J. Schroeder, MD</td>
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<td>9:10 am</td>
<td>Q&amp;A</td>
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<td>9:15 am</td>
<td>Voice and Swallowing Outcomes Following Hypoglossal Nerve Stimulation for Obstructive Sleep Apnea</td>
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<td></td>
<td>Andrew J. Bowen, BS</td>
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<tr>
<td>9:22 am</td>
<td>Correlation of Friedman Tongue Position and Cone Beam Computed Tomography (CBCT) Results in Patients with Obstructive Sleep Apnea</td>
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<td>Rebecca S. Harvey, MD</td>
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<tr>
<td>9:29 am</td>
<td>The Association of Palatine Tonsil Size and Obstructive Sleep Apnea in Adults</td>
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<td>Sebastian M. Jara, MD</td>
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<td>9:36 am</td>
<td>Effect of Prior Airway Surgery on Outcomes Following Implantation of Hypoglossal Nerve Stimulator for Obstructive Sleep Apnea</td>
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<td>Ahmad F. Mahmoud, MD</td>
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<tr>
<td>9:48 am</td>
<td>Break with Exhibitors</td>
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<td>10:00 am</td>
<td>Allergy/Rhinology</td>
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<td>Moderators: Melissa A. Pynnnonen, MD, Msc, T. L. Smith, MD, MPH, FACS</td>
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<tr>
<td>11:00 am</td>
<td>Panel</td>
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<tr>
<td></td>
<td>Sinusitis Management of Atypical Rhinosinusitis</td>
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<td>Moderator: Peter H. Hwang, MD FACS</td>
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<td>Panelists: G. Chiu, MD, R. B. Metson, MD FACS, R. R. Orlandi, MD, FACS</td>
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<td>11:05 am</td>
<td>Baseline Sleep Dysfunction Increases Likelihood of Escalation to Endoscopic Sinus Surgery After Continued Medical Therapy for Chronic Rhinosinusitis</td>
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<td>Adam S. De Conde, MD</td>
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<td>11:12 am</td>
<td>Facilitating Early Diagnosis in Invasive Fungal Sinusitis: A Retrospective Study of Predictive Factors</td>
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<td>Elizabeth M. Nichols, BS</td>
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<tr>
<td>11:19 am</td>
<td>Revision Rates Following Endoscopic Sinus Surgery</td>
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<td>Aria Jafari, MD</td>
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<td>11:25 am</td>
<td>Anatomic Comparison of the Main Nasal Cavity and Paranasal Sinuses before and after Maximal Medical Therapy for Chronic Rhinosinusitis</td>
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<td>Satyan B. Sreenath, MD</td>
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<td>11:32 am</td>
<td>What Drives Productivity Costs in Chronic Rhinosinusitis: A SNOT-22 Subdomain Analysis</td>
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<td>Naweed I. Chowdhry, MD</td>
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<td>11:39 am</td>
<td>Serum Periostin as a Biomarker for Chronic Rhinosinusitis</td>
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<td>Alice Z. Maxfield, MD</td>
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<td>11:46 am</td>
<td>Fungal Protease and Generated Cleavage Products as an Inducer of IL-33 Expression in Chronic Rhinosinusitis with Nasal Polyps</td>
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<td>Amber U. Luong, MD</td>
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<tr>
<td>12:00 pm</td>
<td>Lunch with Exhibitors</td>
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<tr>
<td>1:00 pm</td>
<td>Clinical Fundamentals and General Otolaryngology</td>
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<td>Moderators: C. R. Cannon, MD FACS, R. W. Waguespack, MD, FACS</td>
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<td>1:00 pm</td>
<td>Panel</td>
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<td>Optimizing Outcomes after Tonsillectomy</td>
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<td>Moderator: Scott C. Manning, MD FACS</td>
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<td>Panelists: E. F. Boss, MD FACS, H. Chan, MD FACS, C. M. Myer III, MD FACS</td>
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<td>Julie L. Wei, MD</td>
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<td>1:50</td>
<td>Interdisciplinary Assessment of Tracheostomy Care Knowledge: A Quality Improvement Project Swathi Appachi, MD</td>
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<td>1:57</td>
<td>Prevalence of Work Related Musculoskeletal Symptoms Among Otolaryngologists by Subspecialty: A National Survey Thuy-Van T Ho, MD</td>
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<td>2:04</td>
<td>Expeditious Emergency Center Referral Pathway Improves Patient Access to Otolaryngology Care Jeffrey D Johnson, MD</td>
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<td>2:11</td>
<td>Frailty, Hospital Volume, and Failure to Rescue After Head and Neck Cancer Surgery Carrie L Nieman, MD, MPH</td>
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<td>2:18</td>
<td>Disparate Medicaid Payments: A National Study of Otolaryngologist Reimbursement Joseph H Conduff, BS</td>
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<td>2:25</td>
<td>Patient Cost Savings Associated with an Outpatient Otolaryngology Telemedicine Clinic Ramez H W Philips, BS</td>
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<td>Development of a Synchronous Otolaryngology Telemedicine Clinic: A Prospective Study to Assess Fidelity and Viability Nolan B Seim, MD</td>
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<tr>
<td>3:15</td>
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<td>3:18</td>
<td>Moderators: Robert A Buckmire, MD Ellen S Deutsch, MD</td>
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<td>3:25</td>
<td>Panel</td>
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<td>3:30</td>
<td>Teaching Millennials: What Works and What Does Not</td>
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<td>3:35</td>
<td>Moderator: Stacey T Gray, MD, FACS</td>
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<td>4:12</td>
<td>Impact of a Federal Healthcare Consortium on Otolaryngology Residency Training Alexander E Lanigan, MD</td>
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<td>4:19</td>
<td>Craniofacial Trauma Experience in Otolaryngology Residency: A National Survey of Residency Program Directors Melissa S Oh, BA</td>
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<td>4:26</td>
<td>Simulation as a Tool for Increasing Medical Student Interest in and Understanding of Otolaryngology Lara K Reichert, MD, MPH</td>
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<td>4:33</td>
<td>Social Media Presence of Otolaryngology Journals: The Past, Present, and Future Kevin Wong, BA</td>
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<td>4:40</td>
<td>Otolaryngology Resident Education and the Core Competencies: A Systematic Review Erynne A Faucett, MD</td>
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<td>4:47</td>
<td>Proliferation and Contributions of National Database Studies Rahul S Subbarayan, MD</td>
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<td>4:54</td>
<td>Q&amp;A</td>
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<tr>
<td>4:59</td>
<td>Introduction of President-Elect Mark Persky, MD FACS</td>
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<td>5:00</td>
<td>Adjournment</td>
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<td>Presidential Citations&lt;br&gt;Recipients:&lt;br&gt;Philip H Gutin, MD&lt;br&gt;Robert K Jackler, MD&lt;br&gt;Simon C Parisier, MD&lt;br&gt;Myles L Pensak, MD&lt;br&gt;Michael G Stewart, MD, MPH&lt;br&gt;D Bradley Welling, MD, PhD</td>
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<tr>
<td>1:53 pm</td>
<td>Presidential Address&lt;br&gt;Samuel H Selesnick, MD</td>
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<td>1:53 pm</td>
<td>Guest of Honor Lecture&lt;br&gt;Otosclerosis Treatment – A Journey through the Last Century and a Half&lt;br&gt;John W House, MD</td>
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<tr>
<td>2:23 pm</td>
<td>Mesenchymal Stem Cell Therapy for Chronic Tympanic Membrane Perforations&lt;br&gt;Ariel B Grobman, MD</td>
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<td>2:31 pm</td>
<td>Atomic Force Microscopy for Quality Control of Intraoperative Otologic Autografts with 3D Subtractive CAD/CAM&lt;br&gt;Glenn W Knox, MD</td>
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<td>3:15 pm</td>
<td>Immunohistochemical Identification of Human Spiral Ganglia Neurons: Implication in Aging and Cochlear Implantation&lt;br&gt;Janice E Chang, MD, PhD</td>
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<td>Foreign Body Response to Silicone in Cochlear Implant Electrodes in the Human&lt;br&gt;Jennifer T O'Malley</td>
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<td>Medicaid Reimbursement for Cochlear Implantation: Is it Fair?&lt;br&gt;Daniel H Coelho, MD</td>
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<tr>
<td>3:39 pm</td>
<td>Cochlear Implant Insertion Axis into the Basal Turn: A Critical Factor for Electrode Array Translocation&lt;br&gt;Yann Nguyen, MD, PhD</td>
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<td>3:47 pm</td>
<td>Novel Approaches in the Development of an Optogenetically-Driven Cochlear Implant&lt;br&gt;Maria J Duarte, BS, BA</td>
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<td>3:55 pm</td>
<td>Discussion</td>
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<td>4:00 pm</td>
<td>Panel&lt;br&gt;Evolution of the American Otological Society: Reflections at our Sesquicentennial&lt;br&gt;Moderator: Robert K Jackler, MD&lt;br&gt;Panelists: Lawrence R Lustig, MD&lt;br&gt;D Bradley Welling, MD, PhD&lt;br&gt;Richard A Chole, MD, PhD&lt;br&gt;Bruce J Gantz, MD</td>
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<tr>
<td>5:00 pm</td>
<td>Adjournment&lt;br&gt;Samuel H Selesnick, MD</td>
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<tr>
<td>6:30 pm</td>
<td>AOS President’s Reception and Dinner/Dance&lt;br&gt;Hotel Del Coronado&lt;br&gt;(Registered Members and Invited Guests only)</td>
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</table>

**JOIN US!**

**1st COMBINED POSTER RECESSION**
**ABEA • AHNS • ALA • ARS**
Thursday, April 27 • 5:30 – 7:00 pm
Grand Hall A-D, Grand Hall Foyer, and Seaport Foyer

**2nd COMBINED POSTER RECESSION**
**AAFPRS • ANS • AOS • TRIO**
Friday, April 28 • 5:30 – 7:00 pm
Grand Hall A-D and Grand Hall Foyer
AOS LOCATION: SEAPORT DE (UNLESS OTHERWISE NOTED)

7:00 am
Business Meeting / Committee Reports

7:30 am
Welcome & Opening Remarks by the President
Samuel H Selesnick, MD

7:35 am
Audition’s Effect on Balance in Gait for Hearing Aid Patients
Tyler S Weaver, MD

7:43 am
Dizziness Handicap Inventory Score Is Highly Correlated with Markers of Gait Disturbance
Damiano Zanotto, PhD

7:51 am
Resident Research Travel Award
Efficacy of Intratympanic Gentamicin in Meniere’s Disease with and without Migraine
Yuan F. Liu, MD

7:59 am
Histologic Grade of Otosclerosis Correlates with Computed Tomography Densitometry Measurements in Human Temporal Bone Specimens
Alicia M Quesnel, MD

8:07 am
Paget’s Disease of the Temporal Bone: A Single-Institution Review of 23 Cases
Nicholas L Deep, MD

8:15 am
Validation of A Novel Summative Temporal Bone Dissection Scale
Michael Gousseau, MD

8:23 am
Discussion

8:30 am
Saumil N. Merchant Memorial Lecture
The Active Ear: How Hair Cells Provide a Biological Hearing Aid
A James Hudspeth, MD, PhD

9:00 am
A Comprehensive Analysis of Hearing Loss Among Children with Low Birth Weight
Akash N Naik, BA

9:08 am
Safety of Autologous Human Umbilical Cord Therapy for Acquired Sensorineural Hearing Loss in Children
Linda Baumgartner, MS CCC-SLP, LSLS Cert-AVT

9:16 am
Short-term and Long-term Hearing Outcomes with the Middle Cranial Fossa Approach for Resection of Vestibular Schwannoma
Sameer Ahmed, MD

9:24 am
Occupational Noise Exposure and a Potential Risk for Noise Induced Hearing Loss Among Otologist and Neurologist due to Temporal Bone Drilling
Yona Vaisbuch, MD

9:32 am
Factors Associated with Benefit of Active Middle Ear Implants and Conventional Hearing Aids
Theodore R McRackan, MD

9:40 am
Discussion

9:45 am
Break

10:07 am
Resident Research Travel Award
Drill-induced Cochlear Injury during Otologic Surgery: Intracochlear Pressure Evidence of Acoustic Trauma
Renee M Banakis Hartl, MD, AuD

10:15 am
Transcanal Endoscopic Ear Surgery - Utility and Ease of Surgical Technique from a Resident Surgeon’s Perspective
Andrew K Johnson, MD

10:23 am
Effects of Time and Level Difference Inputs to Bilaterally Placed Bone-conduction Systems on Cochlear Input
Nyssa F Farrell, MD

10:31 am
Cochlear Implant Electrode Localization Using an Ultra-High Resolution Scan Mode On Conventional 64-Slice and New Generation 192-Slice Multi-Detector CT Scanners
Matthew L Carlson, MD

10:39 am
“Delayed Cochlear Implant Serous Labyrinthitis” A Previously Unrecognized Phenomenon with a Distinct Clinical Pattern
Deeyar Itayem, BS

10:47 am
Does Intraoperative Testing During Cochlear Implantation Impact Surgical Decision-Making?
Joshua Cody Page, MD

10:55 am
Discussion

11:00 am
Panel
Evolving Strategies in Restoring and Preserving Middle Ear Ventilation and Function
Moderator:
Howard W Francis, MD
Panelists:
Prof. Dr. med. Karl-Bernd Hüttenbrink
Sujana S Chandrasekhar, MD
Dennis S Poe, MD
Alejandro Rivas, MD
John L. Dornhoff, MD

12:00 pm
Adjournment
Samuel H Selesnick, MD