

MAY 1-5, 2019

COSM

COMBINED
OTOLARYNGOLOGY
SPRING MEETINGS

AUSTIN, TX • JW MARRIOTT AUSTIN

PROGRAM GUIDE



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Biodesign®
OTOLOGIC REPAIR GRAFT

Join us at
our booth **#614**

1. D'Eredità R. *Int J Pediatr Otorhinolaryngol*. 2015;79(7):1085-1089.
2. Spiegel JH, et al. *Otol Neurotol*. 2005;26(4):563-566.
3. James AL. *Laryngoscope*. 2017;127(11):2659-2664.

Biodesign® Otologic Repair Graft

INTENDED USE: The Cook® Biodesign® Otologic Repair Graft is intended for use as an implant material to aid in surgical repairs and as an adjunct to aid in the natural healing process in various otologic procedures, including but not limited to myringoplasty and tympanoplasty. The device is supplied sterile and is intended for one-time use. **Fix ONLY** This symbol means the following: **CAUTION: Federal (U.S.A.) law restricts this device to sale by or on the order of a physician. This product is intended for use by trained medical professionals.** [OTOLOGIC REPAIR GRAFT] This symbol means the following: Otologic Repair Graft

CONTRAINDICATIONS: This device is derived from a porcine source and should not be used for patients with known sensitivity to porcine material.

PRECAUTIONS: This device is designed for single use only. Attempts to reprocess, resterilize, and/or reuse may lead to device failure and/or transmission of disease. • **Do not resterilize.** Discard all open and unused portions of the device. • The device is sterile if the package is dry, unopened and undamaged. Do not use if the package seal is broken. • Discard device if mishandling has caused possible damage or contamination, or if the device is past its expiration date. • Avoid packing external canal with adherent dressings or applying excessive pressure in the ear canal. • Please take care when opening tray packaging to ensure that device remains seated in the tray.

POTENTIAL COMPLICATIONS: The following complications are possible with the use of surgical device materials in otologic procedures: • Abscess formation • Allergic reaction • Calcification • Cholesteatoma • Excessive redness, pain, swelling, or blistering • Fever • Infection • Inflammation (initial application of surgical device materials may be associated with transient, mild, localized inflammation) • Mastoiditis • Migration • Persistence of perforation • Recurrence • Retraction pockets • Seroma • Squamous cysts • Thickening of the tympanic membrane

See instructions for use for full product information.

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COSM COMBINED
OTOLARYNGOLOGY
SPRING MEETINGS

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The COSM 2019 Annual Meeting App

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- Oral presentations and Poster abstracts
- Meeting program and course schedules
- Customizable calendar and itinerary builder
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- Exhibitor listing with booth map
- Meeting alerts



HOW TO DOWNLOAD:

SCAN the QR code above
SEARCH the App Store or Google Play for
"COSM Events"

CLICK www.core-apps.com/dl/cosm2019

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with iPhone, Android, iPad and most tablets.





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DAILY SCHEDULE

Societies are listed in alphabetical order:

American Academy of Facial Plastic and Reconstructive Surgery (AAFPRS).....	13-14, 15
American Broncho-Esophagological Association (ABEA) ..	14, 16, 23
American Head and Neck Society (AHNS)	8-11, 17-21
American Laryngological Association (ALA)	12, 22, 26
American Neurotology Society (ANS).....	27, 29
American Otological Society (AOS)	34-35
American Society of Pediatric Otolaryngology (ASPO)	28, 30-32, 36-37
The Triological Society (TRIO).....	24-25, 32-33

POSTERS

1st Combined Posters (AAFPRS, ABEA, AHNS, ALA)	38-51
2nd Combined Posters (ANS, AOS, ASPO, TRIO)	52-64



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Chair
COSM Secretaries Liaison Committee

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Seth Dailey, MD

American Broncho-Esophagological Association (ABEA)

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American Laryngological Association (ALA)

Brad Kesser, MD

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Sujana Chandrasekhar, MD, FACS

American Otological Society (AOS)

Pete Batra, MD, FACS

American Rhinologic Society (ARS)

Reza Rahbar, DMD, MD

American Society of Pediatric Otolaryngology (ASPO)

Myles Pensak, MD, FACS

American Laryngological, Rhinological and Otological Society aka The Triological Society (TRIO)

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SCHEDULE AT A GLANCE

	TUESDAY APRIL 30	WEDNESDAY MAY 1	THURSDAY MAY 2	FRIDAY MAY 3	SATURDAY MAY 4	SUNDAY MAY 5
MORNING		AHNS C ALA	AAFP RS ABEA AHNS C	ABEA TRIO C	ANS ASPO C TRIO	AOS ASPO C
AFTERNOON		AAFP RS ABEA AHNS C	AHNS C ALA	ALA ANS ASPO	AOS ASPO C TRIO	
EVENING	ABEA R	ALA R	1st Poster R AAFP RS, ABEA, AHNS, ALA AHNS R ALA R	2nd Poster R ANS, AOS, ASPO, TRIO ANS R	AOS B ASPO B	

B = Banquet **C** = Concurrent **R** = Reception

COSM SOCIETIES



AAFPRS
American Academy of Facial Plastic and
Reconstructive Surgery
www.aafprs.org



ABEA
American Broncho-Esophagological
Association
www.abea.net



AHNS
American Head and Neck Society
www.ahns.info



ALA
American Laryngological
Association
www.alahns.org



ANS
American Neurotology Society
www.americanneurotology.com



AOS
American Otological Society
www.americanotologicalsociety.org



ARS
American Rhinologic Society
www.american-rhinologic.org



ASPO
American Society of Pediatric
Otolaryngology
www.aspous



TRIO
American Laryngological, Rhinological and
Otological Society (aka The Triological Society)
www.triological.org

Life Unlimited



*1. Compared to monopolar dissection, based on analysis of eight randomized clinical trials. Harley Jr., Earl H., John T., Mike and Hanson, Beate. Coblation Dissection Versus Monopolar Dissection – A systematic Review and Meta-Analysis. 2016; Data on file with Smith & Nephew, PN 91999 Rev A. 2. Woloszko, Jean, and Gilbride, Charles. Coblation Technology: Plasma Mediated Ablation for Otolaryngology Applications. Proceedings of SPIE. 2000, Vol. 3907.



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GENERAL INFORMATION

All room locations are located within the JW Marriott Austin, unless otherwise noted.

ADMISSION REQUIREMENTS

A common registration badge is used by participating societies. The acronym of each society an attendee is registered for will be printed on the badge. Ribbons on the badge indicate those societies of which the attendee is a member. A badge must be worn to enter the exhibit hall and scientific sessions.

BUSINESS CENTER

Level 5

The business center is staffed weekdays 7:00 am – 7:00 pm and 9:00 am – 5:00 pm weekends. The FedEx Office® Print & Ship Center offers 24 hour self-service printing, copying, and internet access. 512-391-1816/usa5679@fedex.com.

CAREER CONNECTIONS

New this year! Companies seeking to fill open ENT positions will be located in the foyer outside of the Exhibit Hall (Lone Star Ballroom on Level 3).

CHILD POLICY

Younger than 16: Not permitted on Exhibit Hall floor or scientific sessions. This is a safety policy that includes infants in strollers and arms.

16 and older: Must have a badge to enter the Exhibit Hall or meeting rooms.

CONTINUING MEDICAL EDUCATION CREDIT

Please refer to the App or www.cosm.md for CME information; CME credits/certificates will be processed by participating Societies.

EMERGENCIES

If an emergency or threat occurs, an announcement will come through the JW Marriott's PA system, if possible. Please follow the hotel's instructions.

EXHIBIT HALL

Lone Star Ballroom, Level 3

Coffee breaks and lunch will be served in the Exhibit Hall (Wednesday and Sunday excluded).

Thursday, May 2 9:00 am – 4:00 pm
Friday, May 3 9:00 am – 4:00 pm
Saturday, May 4 9:00 am – 4:00 pm

HEADQUARTERS OFFICE

Room 405, Level 4

Wednesday, May 1 6:30 am – 5:00 pm
Thursday, May 2 7:00 am – 5:00 pm
Friday, May 3 7:00 am – 5:00 pm
Saturday, May 4 7:00 am – 5:00 pm
Sunday, May 5 7:00 am – 12:00 pm

HOTELS

COSM Headquarters:

JW Marriott Austin
110 E 2nd St, Austin, TX

Additional:

Westin Austin Downtown
Courtyard/Residence Inn
The Line Austin
The Fairmont Austin
Aloft Austin Downtown
Hilton Garden Inn
For a map and additional hotel information, visit www.cosm.md.

LACTATION ROOM

Please visit Room 405, Level 4 for access to a private locked room/refrigerator.

LOST AND FOUND

Security can be reached by dialing 4546 from a hotel phone.

MESSAGES

A message board is located by COSM registration in the Grand Ballroom Foyer, Level 4. Anyone wishing to post a message for an attendee may do so.

PARKING

Self Parking:

0-3 Hours \$17 + tax
3-6 Hours \$25 + tax
6-24 Hours \$32 + tax
Overnight \$32 + tax

POSTERS

All posters are displayed in Griffin Hall, Level 2. View/search all posters via the App or COSM's Poster Archive via www.cosm.md.

AAFPS, ABEA, AHNS, and ALA

Wednesday, May 1 1:00 pm – 7:00 pm
Thursday, May 2 9:00 am – 7:00 pm
1st Combined Poster Reception
Thursday, May 2 5:30 pm – 7:00 pm

ANS, AOS, ASPO, and TRIO

Friday, May 3 9:00 am – 7:00 pm
Saturday, May 4 9:00 am – 5:00 pm
2nd Combined Poster Reception
Friday, May 3 5:30 pm – 7:00 pm

PRESS OFFICE

Members of the press may pick up a press badge and kit in Room 405, Level 4. All interviews must be conducted in the Press Office.

REGISTRATION

Grand Ballroom Foyer, Level 4

Tuesday, April 30 12:00 pm – 5:00 pm
Wednesday, May 1 6:30 am – 5:00 pm
Thursday, May 2 7:00 am – 5:00 pm
Friday, May 3 7:00 am – 5:00 pm
Saturday, May 4 7:00 am – 3:00 pm
Sunday, May 5 7:00 am – 10:00 am

SPEAKER READY ROOM

Room 406, Level 4

Tuesday, April 30 4:00 pm – 8:00 pm
Wednesday, May 1 6:00 am – 6:00 pm
Thursday, May 2 6:00 am – 6:00 pm
Friday, May 3 6:00 am – 6:00 pm
Saturday, May 4 6:00 am – 4:00 pm
Sunday, May 5 6:00 am – 10:00 am

WIFI

Complimentary internet access is available in the main lobby, restaurants, and pool deck. COSM has purchased wifi in all meeting rooms, Levels 2-5, Wednesday-Sunday.

Network: **COSM2019** | Password: **cosm**

COSM COMBINED
OTOLARYNGOLOGY
SPRING MEETINGS

MISSION

The mission of the Combined Otolaryngology Spring Meetings (COSM) is to bring together the membership of the COSM societies, Otolaryngology residents in training, medical students and allied health professionals for the purpose of disseminating and exchanging the latest cutting edge clinical and basic scientific research. COSM is the premier educational and technology forum for providing the sub specialties in Otolaryngology – Head and Neck Surgery with an opportunity to improve and expand their knowledge and skills thereby enhancing the quality of patient care.



WEDNESDAY, MAY 1

WEDNESDAY, MAY 1

AHNS

LOCATION (unless otherwise noted): **CONCURRENT 1: GRAND 5** | **CONCURRENT 2: GRAND 6**

GRAND 5

7:00 am

Welcome and Guest of Honor Introduction

Ehab Hanna, MD

Neil Gross, MD

Carole Fakhry, MD, MPH

CONCURRENT 1

GRAND 5

7:20 am

Jatin Shah Symposium: Remote Access versus Standard Thyroidectomy: Where is the Value and Who Defines it?

Moderator: Amy Chen, MD, MPH

7:25 am

Open Thyroidectomy
Michael Singer, MD

7:35 am

Robotic Assisted Thyroidectomy
Yoon Woo Koh, MD, PhD

7:45 am

Transoral Vestibular Endoscopic Thyroidectomy
Jonathan Russell, MD

7:55 am

Discussion

CONCURRENT 2

GRAND 6

7:20 am

Reconstructive Roundtable: Pearls and Pitfalls of Pharyngeal Reconstruction After Salvage Laryngectomy

Moderator: Jeremy Richmon, MD
Panelists:

Steven Cannady, MD

Steven Chinn, MD, MPH

Kerstin Stenson, MD

Peirong Yu, MD

CONCURRENT 1

GRAND 5

8:10 am

Advances in Radiotherapy: Proton v. IMRT Debate

Moderator: Vasu Divi, MD

8:10 am

Primer on Radiobiology
Beth Beadle, MD, PhD

8:20 am

Proton Therapy 101
Brandon Gunn, MD

8:30 am

Debate: IMRT vs IMPT (Proton Therapy)

Sum Yom, MD, PhD

Steven Frank, MD

8:37 am

Rebuttals, Questions and Answers

Beth Beadle, MD, PhD

Brandon Gunn, MD

Sum Yom, MD, PhD

Steven Frank, MD

CONCURRENT 2

GRAND 6

8:10 am

What is Quality in Head and Neck Surgery?

Moderator:

David Goldstein, MD, MSc

8:10 am

Patient Perspective: What is Quality of Care?

Andrew Shuman, MD

8:20 am

Head and Neck Specific Metrics and How to Implement Quality Initiatives

Randal Weber, MD

8:30 am

Does Volume of Surgery Impact Quality?

Christine Gourin, MD

8:40 am

Should Time to Treatment be a Quality Metric?

Evan Graboyes, MD

8:50 am

Discussion

CONCURRENT 1

GRAND 5

9:00 am

Cooperative Groups Updates: Where We Have Been and Where We are Going

Moderator: Robert Ferris, MD, PhD

9:00 am

History of Role of Surgeons in Cooperative Groups and Trials
John Ridge, MD, PhD

9:15 am

From Idea to a Trial and Surgeon Credentialing for Cooperative Group Trials
Chris Holsinger, MD

9:30 am

Update on Current Cooperative Group Trials
Steve Chang, MD

CONCURRENT 2

GRAND 6

9:00 am

Larynx Cancer Debate: Incorporating Best Evidence

Moderator: Benjamin Judson, MD

9:05 am

Debate I: Early Larynx Cancer: Surgery v. Radiotherapy
Jonathan Beitler, MD
Daniel Price, MD

9:21 am

Debate II: Late Stage Larynx Cancer: Sequential Therapy v. Concurrent Therapy

David Rosenthal, MD

Gregory Wolf, MD

9:45 am

Break with Exhibitors
GRAND FOYER

CONCURRENT 1

GRAND 5

10:15 am

Complexities in the Care of Non-Melanoma Skin Cancer

Moderator: Steven Wang, MD
Panelists:

Audrey Erman, MD

Marcus Monroe, MD

Sandro Porceddu, MD

Mike Wong, MD

CONCURRENT 2

GRAND 6

10:15 am

Salivary Debates: How Much is too Much

Moderator: David Eisele, MD

10:15 am

Debate I: Approach for Benign Parotid Tumors: Extracapsular v. Superficial Parotidectomy with Rebuttals, Questions and Answers

Richard Smith, MD v. Ellie Maghami, MD

10:34 am

Debate II: More v. Less Aggressive Surgical Management of Salivary Cancers with Rebuttals, Questions, and Answers
Daniel Deschler, MD v. David Cognetti, MD

CONCURRENT 1

GRAND 5

11:05 am

John Conley Lecture Introduction
Ehab Hanna, MD

11:10 am

John Conley Lecture

Value-Cased Health Care: The Agenda for Head and Neck
Michael Porter

12:00 pm

Lunch with Exhibitors
GRAND FOYER

WEDNESDAY, MAY 1

AHNS CONT.

LOCATION (unless otherwise noted): **CONCURRENT 1: GRAND 5** | **CONCURRENT 2: GRAND 6**

WEDNESDAY, MAY 1

CONCURRENT 2

ROOM 301/302

1:00 pm

Best of Endocrine Abstracts

Moderators:

Vikas Mehta, MD

Erin Partington Buczek, MD

1:00 pm

Lateral Neck Ultrasound for Thyroid Cancer: Comparison of Quality Between Community and High-Volume Tertiary Care Practice

Heera Govindarajan

Venguidesvarane, BDS

1:04 pm

Discussion

1:05 pm

The Role of Postoperative Stimulated Serum Thyroglobulin Measurement for Predicting Recurrence in Patients with Papillary Thyroid Cancer: An Analysis Involving 1,319 Patients

Luiz Paulo Kowalski, MD, PHD

1:09 pm

Discussion

ROOM 301/302

1:10 pm

Scientific Session 1 – Endocrine

Moderators:

Vikas Mehta, MD

Erin Partington Buczek, MD

1:10 pm

Utilizing a High-Throughput Approach to Identify Effective Systemic Agents for Aggressive Thyroid Cancer Variants

Abdallah S Mohamed, MD

1:15 pm

Machine-Learning for the Genetic Risk Stratification of Thyroid Nodules by Ultrasound

Kelly E Daniels, BS

1:20 pm

Evaluating Thyroid Cancer Incidence and Minnesota Residential Radon Concentration

Curtis Hanba, MD

1:25 pm

Refining the Identification of a Precise Cut Point for the Association Between Annual Surgeon Total Thyroidectomy Volume and Complications

Charles Metzger, MD

1:30 pm

Discussion

1:35 pm

The Use and Impact of Technology in Thyroidectomies: A 2016 NSQIP Analysis

Sina J Torabi, BA

1:40 pm

Bilateral Neck Exploration versus SPECT, SPECT/CT, or 4DCT Imaging in Non-localizing Primary Hyperparathyroidism—A Cost-effectiveness Analysis

Ethan Frank, MD

1:45 pm

A Pathology Protocol Increases Lymph Node Yield in Neck Dissection for Oral Cavity Squamous Cell Cancer

Andrew J Holcomb, MD

1:50 pm

Discussion

CONCURRENT 1

GRAND 5

1:00 pm

Best of Mucosal HPV Positive Abstracts

Moderator:

Cherie-Ann Nathan, MD

1:00 pm

Plasma Circulating Tumor HPV DNA for the Surveillance of Cancer Recurrence in HPV-Associated Oropharyngeal Cancer

Gaorav P Gupta, MD, PhD

1:04 pm

Discussion

EXHIBITOR EVENTS

Immune Checkpoint Inhibitors in Head and Neck Cancer: Understanding the Current Evidence and Future Directions

Provided by Clinical Care Options, LLC and supported by an educational grant from Merck & Co., Inc.

Wednesday, May 1, 2019

Registration and Dinner: 6:00 pm – 7:00 pm | Symposium: 6:30 pm – 8:30 pm
Room 402-403, 4th Floor

Q&A on the Use and Application of the Biodesign Otologic Repair Graft with Dr. Alejandro Rivas

Cook Medical

Friday, May 3, 2019

6:00 pm – 7:00 pm
Grand Ballroom 1, 4th Floor



WEDNESDAY, MAY 1

AHNS CONT.

LOCATION (unless otherwise noted): **CONCURRENT 1: GRAND 5** | **CONCURRENT 2: GRAND 6**

WEDNESDAY, MAY 1

1:05 pm

Development of a Novel Composite Pathologic Risk-Stratification for Surgically Resected HPV+ Oropharyngeal Cancer

John D Cramer, MD

1:09 pm

Discussion

1:10 pm

Debate: Re-Defining the Role of Chemotherapy for HPV-Positive Oropharynx Cancers?

Moderator:

Cherie-Ann Nathan, MD

1:13 pm

Debate I: The Role of Chemotherapy for Microscopic Extranodal Extension in HPV-related Oropharynx Cancer
Chemotherapy v. No Chemotherapy with Rebuttals, Questions and Answers

Zain Husain BSc, MD v. Barbara Burtness, MD

1:29 pm

Debate II: The Role Surgery for Macroscopic Extranodal Extension in HPV-Related Oropharynx Cancer
Upfront surgery v. Chemoradiation with Rebuttals, Questions and Answers

Bruce Haughey, MBChB v. James Rocco, MD, PhD

CONCURRENT 1

GRAND 5

2:00 pm

Defining the Value of Salvage Surgery, Palliative Care and Primary Treatment in Head and Neck Cancer

Moderator:

Susan McCammon, MD

Panelists:

Ezra Cohen, MD

Terry Day, MD

Wayne Koch, MD

Elizabeth Kvale, MD, MSPH

William Lydiatt, MD

CONCURRENT 2

ROOM 301/302

2:00 pm

Scientific Session 2 – HPV Negative I

Moderators: Karen Pitman, MD Dan Price, MD

2:00 pm

Rate of "Skip Metastases" to Level IV in N0 Oral Cavity Squamous Cell Carcinoma: A Meta-Analysis and Review of the Literature

Anton Warshavsky, MD

2:05 pm

Neutrophil-to-Lymphocyte Ratio as a Prognostic Indicator for Overall Survival in Squamous Cell Carcinoma of the Head and Neck

Rocco M Ferrandino, MD, MSCR

2:10 pm

Management of Early Glottic Cancer in a Veteran Population: Impact of Risk Factors on Disease Recurrence and Treatment Selection

Tanner Fullmer, MD

2:15 pm

Discussion

2:22 pm

Systematic Review and Meta-Analysis of Elective Neck Dissection for cN0 Salvage Laryngectomy

Chen Lin

2:27 pm

Cumulative Suppressive Index as a Predictor of Relapse Free Survival and Overall Survival in HPV- Oral Squamous Cell Carcinomas with Negative Resection Margins

Lauren N Hum, MD, DMD

2:32 pm

Surgery Provides Better Disease-Free Survival for Early Glottic Cancer Patients

Young-Ik Son, MD, PhD

2:37 pm

Discussion

2:45 pm

Break with Exhibitors
GRAND FOYER

CONCURRENT 1

GRAND 5

3:15 pm

Skull Base Tumor Board

Moderator: Ricardo Carrau, MD
Panelists:

Marc Cohen, MD, MPH

Derrick Lin, MD

Jack Phan MD, MPH

Nabil Saba, MD

CONCURRENT 2

ROOM 301/302

3:15 pm

Scientific Session 3 – Reconstructive Advances I

Moderators:

Kirin Kakarala, MD

Heather Osborn, MD, FRCS

3:15 pm

Validation of Risk-Adjusted Prediction Models Using the Specialty-Specific Head and Neck Reconstructive Surgery NSQIP

Samantha Tam, MD, MPH

3:20 pm

Reconstruction Technique Following Total Laryngectomy Affects Swallowing Outcomes

Brianna N Harris, MD

3:25 pm

Functional Outcomes of Complex Mandibular Reconstruction with Osteocutaneous Fibula Free Flap With or Without CAD/CAM-assisted, Virtual Surgical Simulation and Planning: A Retrospective Analysis of 246 Cases

Jamie A Ku, MD

3:30 pm

Long-term Swallowing Outcomes After Salvage Laryngectomy, a Comparison Between Reconstructive Techniques

Mauricio A Moreno, MD

3:35 pm

Discussion

3:40 pm

Speech and Swallowing Outcomes after Laryngectomy for the Dysfunctional Larynx

Janice L Farlow, MD, PhD

3:45 pm

A Plan of the Day Significantly Reduces Operating Room Time for Head and Neck Free Flap Reconstruction

Kiran Kakarala, MD

3:50 pm

Postoperative Management of Microvascular Head and Neck Free Flaps in a Non-Intensive Care Unit Setting

Swar Vimawala, BS

3:55 pm

Discussion

CONCURRENT 1

GRAND 5

4:05 pm

Best of 2019: Practice-Changing Clinical Trials

Moderator:

John de Almedia, MD, MSc

4:05 pm

RTOG 1016

Andrea Trotti, MD

4:15 pm

P16 Outside the Oropharynx

Loren Mell, MD

4:25 pm

Panel Discussion of Clinical Implications of Emerging Data

Uma Duvvuri, MD, PhD

Lisa Rooper, MD

Tina Rodriguez, MD

Shlomo Koyfman, MD

WEDNESDAY, MAY 1

AHNS CONT.

LOCATION (unless otherwise noted): **CONCURRENT 1: GRAND 5** | **CONCURRENT 2: GRAND 6**

CONCURRENT 2

ROOM 301/302

4:05 pm

Scientific Session 4 – HPV Positive

Moderators:

Melanie Nance, MD
Thomas Ow, MD

4:05 pm

Pathologic Response to Neoadjuvant Chemotherapy in HPV Positive Oropharyngeal Squamous Cell Carcinoma
Sarah Khalife

4:10 pm

Predictors of Positive Margins and Comparison of Positive Margin Rates by Subsite, Tumor Stage, and Facility Type in Oropharyngeal Tumors Treated with Trans-Oral Robotic Surgery (TORS)
Jonathan M Hanna

4:15 pm

Post-Treatment Clinical Surveillance for HPV-Associated Oropharyngeal Cancer
Farzad Masroor, MD

4:20 pm

Discussion

4:23 pm

Evolution of Postsurgical Dysphagia after TORS for Oropharyngeal Cancer: A Prospective Registry Analysis
K Hutcheson, PhD

4:28 pm

Smoking History Does Not Have Prognostic Significance in HPV Positive Oropharynx Cancer Patients Treated with Transoral Robotic Surgery
Dylan F Roden, MD

4:33 pm

The Risk and Rate of Contralateral Nodal Disease in Surgically Treated HPV-related Base of Tongue Squamous Cell Carcinoma
Aisling S Last, BA

4:38 pm

Discussion

4:41 pm

Patient-Reported Quality of Life Outcomes after Oropharynx Intensity Modulated Proton Therapy Based on the Functional Assessment of Cancer Therapy-Head and Neck Questionnaire
Houda Bahig, MD, PhD

4:46 pm

Postoperative Functional Status of the Elderly after Transoral Robotic Surgery
Meghan B Crawley, MD, MS

4:51 pm

The Impact of Extracapsular Extension and Treatment in Patients with Extracapsular Extension on Overall Mortality in Patients with HPV-Positive Oropharyngeal Cancer: A National Cancer Database Analysis of 3,158 Patients
Andrew T Day, MD, MPH

4:56 pm

Discussion

CONCURRENT 1

GRAND 5

4:50 pm

AHNS Research Awards

5:00 pm

AHNS Business Meeting Members Only

6:00 pm

AHNS Fellowship Information Session
ROOM 502/503

WEDNESDAY, MAY 1

SAVE THE DATES

COSM

COMBINED
OTOLARYNGOLOGY
SPRING MEETINGS

2020



April 22-26

Hilton Atlanta
Atlanta, Georgia

2021



April 7-11

Hyatt Regency New Orleans
New Orleans, Louisiana

2022



April 27-May 1

Hyatt Regency Dallas
Dallas, Texas

2023



May 3-7

Hynes Convention Center/Sheraton
Boston, Boston, Massachusetts



WEDNESDAY, MAY 1

ALA

LOCATION (unless otherwise noted): **GRAND 7-8**

WEDNESDAY, MAY 1

7:00 am

Business Meeting
(ALA Members Only)

8:00 am

Welcome
C Blake Simpson, MD

Introduction of the Guest of Honor

Robert H Ossoff, DMD, MD
Introduction: **C Blake Simpson, MD**

President's Address

Rockstars of the ALA:
Past, Present and Future
C Blake Simpson, MD

Presentation of Presidential Citations

Robert Bastian, MD
Jamie A Koufman, MD
James Netterville, MD
Clark A Rosen, MD
Robert T Sataloff, MD, DMA
Presentation by:
C Blake Simpson, MD

Recognition of the Program Committee

Julina Ongkasuwan, MD
Mona Abaza, MD, MS
Lee M Akst, MD
Joel H Blumin, MD
Norman D Hogikyan, MD

Scientific Session I: Neurolaryngology

Moderators:
Joel H Blumin, MD
Lesley F Childs, MD

8:30 am

National Spasmodic Dysphonia Association Travel Scholarship

A Separation of Innate and Learned Vocal Behaviors
Defines the Symptomatology of Spasmodic Dysphonia

Alexis Worthley, BA
Presentation:
C Blake Simpson, MD

8:36 am

Effectiveness of Unilateral vs. Bilateral Botulinum Toxin Injections in Patients with Adductor Spasmodic Dysphonia: A Retrospective Review

Steven Bielamowicz, MD

8:42 am

Selective Intraoperative Stimulation of Human Intrinsic Laryngeal Muscles: Analysis in a Mathematical Three Dimensional Space

Michael Broniatowski, MD

8:48 am

Botox in Management of Non-Dystonic Laryngeal Disorders

Benjamin J Rubinstein, MD

8:54 am

Enhanced Abductor Function in Bilateral Vocal Fold Paralysis with Muscle Stem Cells

Randal C Paniello, MD, PhD

9:00 am

Discussion

Scientific Session II: Pipes and Tubes

Moderators:
Robbi Kupfer, MD
Andrew McWhorter, MD

9:10 am

Increased Expression of Estrogen Receptor Beta in Idiopathic Subglottic Stenosis

Ross Campbell, MD

9:16 am

The Impact of Social Determinants of Health on the Development and Outcomes of Laryngotracheal Stenosis

Sabina Dang, BA

9:22 am

Multilevel Upper Airway Measurements in Adults: Glottis is not Always the Narrowest

Yousef Atjathlany, MBBS

9:28 am

Perioperative Outcomes after Tracheal Reconstruction: A NSQIP Analysis 2014-2016

Romaine F Johnson, MD, MPH

9:34 am

Laryngeal Web in the Pediatric Population: Evaluation and Management

Claire M Lawlor, MD

9:40 am

Discussion

9:50 am

Break with Exhibitors
GRAND FOYER

Scientific Session III: Lumps and Bumps

Moderators:
C Gaelyn Garrett, MD, MMHC
Sunil Verma, MD

10:15 am

Natural History of Vocal Fold Cysts

Diana N Kirke, MD, MPhil

10:21 am

Understanding the Vocal Fold Cyst – A 10 Year Retrospective Study of the Etiopathogenesis of Cysts Excised at a Tertiary Center with a Study of the Presence and Distribution Pattern of Seromucinous Glands in 40 Fresh Frozen Cadaver Vocal Folds

Nupur Kapoor Nerurkar, MBBS, MS (ENT)

10:27 am

Improvement of Diagnostic Clarity: Combination Treatment Using Voice Rest and Steroids

Lesley F Childs, MD

10:33 am

The Role of Voice Rest on Voice Outcomes Post-Phonosurgery: A Randomized-Controlled Trial

Kevin Fung, MD

10:39 am

Force Metrics and Suspension Times for Microlaryngoscopy Procedures

Allen L Feng, MD

10:45 am

Discussion

10:55 am

American Laryngological Association Award

Peak Woo, MD
Presentation:
William B Armstrong, MD

10:58 am

Gabriel F. Tucker, MD Award
Marshall E Smith, MD
Presentation:
Ahmed M S Soliman, MD

11:01 am

Panel Discussion

Laryngology Training Past, Present, and Future
Moderator: **Albert L Merati, MD**
Panelists:
Mona Abaza, MD, MS
Dinesh K Chhetri, MD
Mark S Courey, MD
William Armstrong, MD

11:59 am

Announcements

12:00 pm

Group Photo
LOCATION TBA

1:00 pm

Introduction & Welcome
David B Hom, MD
Robin W Lindsay, MD

Aesthetic Medicine & Facial Rejuvenation

Moderator: J Randall Jordan, MD

1:02 pm

Teaching Your Team Consultations That Build Patient Confidence, Set Expectations, and Grow Referrals
Rich Castellano, MD

1:09 pm

Impacts of Self-Worth, Social Media, and Photo Editing on Cosmetic Surgery Acceptance
Jonlin Chen, BS

1:16 pm

Medical Tourism for Facial Rejuvenation: A Systematic Review
Blake S Raggio, MD

1:23 pm

Public Perception of Facial Fillers
Houmeir Hojjat, MD

1:30 pm

Discussion

1:35 pm

Willingness to Pay for Increased Attractiveness and Perceived Success Through Hair Transplant
David Liao

1:42 pm

Exploring Gaze Patterns of the Face in Profile View Before and After Rhytidectomy
Pauline P Huynh, BA

1:49 pm

Investigating the Longevity of the Endoscopic Midface Lift
Julie P Shtraks, MD

1:56 pm

Discussion

Keynote Presentation

Moderator: David B Hom, MD

2:00 pm

Aesthetic Principles in Reconstructive Surgery
Peter A Hilger, MD

2:20 pm

Discussion

Facial Reconstruction

Moderator: David B Hom, MD

2:25 pm

Complex Nasal Reconstruction and Adjuvant Radiation Therapy: A Survey of Current Practices
Brigit Baglien, BS

2:29 pm

Post-Traumatic Medial Canthal Deformities: Recognition and Management
James Biery, PA-C

2:34 pm

Rhinoplasty in Patients with Cleft Lip
Adiel Asch, MD

2:38 pm

Discussion

2:41 pm

Remote Head and Neck Free Flap Monitoring with Near Infrared Spectroscopy Tissue Oximetry
Nicole Craker, MD, MPH

2:45 pm

Post-Operative Antibiotic Use in Mandible Fractures and Association with Risk of Complications
Tsung-yen Hsieh, MD

2:49 pm

Randomized Controlled Pilot Study Comparing Simulation Based Education Models for Local Facial Flaps
Tanisha Hutchinson, MD

2:53 pm

Discussion

2:55 pm

Break with Exhibitors
GRAND FOYER

3:25 pm

Factors Associated with Skin Graft Take in Head and Neck Free Flap Donor Sites
Michelle S Hwang, MD

3:29 pm

Tourniquet Use and Factors Associated with Hematoma Formation in Free Tissue Transfer
Michelle S Hwang, MD

3:33 pm

Orbital Floor Reconstruction after Maxillectomy in Patients Receiving Radiotherapy
Sarah Kidwai, MD

3:37 pm

Predictors of Cosmetic Adjunctive Procedures Following Mohs Micrographic Surgery Repair
Ade Obayemi, MD

3:41 pm

Discussion

3:45 pm

Clinical Factors Associated with Intraoperative Perfusion of Forehead Flaps in Nasal Reconstruction
Mohamed Abdelwahab

3:49 pm

Mandibular Reconstruction: Outcome Comparison of Intraoperatively vs. Preoperatively Bent Plates
Carl M Truesdale

3:53 pm

Facial Dysmorphism in Adult Craniofacial Patients: When the Scars are on the Inside
Wesley H Stepp, PhD

3:57 pm

Perception and Valuation of Rhytidectomy Among Different Races
Anisha R Kumar, MD

4:01 pm

Indications and Validity of Intraoperative Mohs Micrographic Surgery: A Decade of Experience
Weitao Wang, MD

4:05 pm

Discussion

Keynote Presentation

Moderator: Robin W Lindsay, MD

4:10 pm

Bringing a Surgical Idea to the Market
Subinoy Das, MD

4:30 pm

Discussion

Pain Management

Moderator: Robin W Lindsay, MD

4:35 pm

Enhanced Recovery after Surgery (ERAS): Opioid-Sparing Analgesia Following Free Flap Reconstruction
Michael Eggerstedt, MD

4:39 pm

Changes in Opioid Prescribing Habits for Patients Undergoing Rhinoplasty and Septoplasty
Ricardo Aulet, MD, MBA

4:43 pm

Use of Liposomal Bupivacaine for Reducing Pain Following Costal Cartilage Harvest in Rhinoplasty
Robert T Cristel, MD

4:47 pm

The Effect of Nasal Splints on Post-Operative Pain and Intranasal Synechiae after Septoplasty and ITR
Richard H Law, MD

4:51 pm

Safety of Non-Steroidal Anti-Inflammatory Drugs after Nasal Surgery
Cristen Olds, MD

4:55 pm

Discussion



WEDNESDAY, MAY 1

WEDNESDAY, MAY 1

AAFP RS CONT.

LOCATION (unless otherwise noted): **GRAND 6**

GRAND 1-2

Essentials in Facial Plastic Surgery Course

5:30 pm

Introduction & Welcome Remarks

David B Hom, MD
Robin W Lindsay, MD

5:35 pm

Soft Tissue Wound Healing and Soft Tissue Trauma
David B Hom, MD

6:00 pm

Cutaneous Lesions & Skin Flaps
Jeffrey S Moyer, MD

6:35 pm

Head and Neck Reconstruction & Facial Paralysis
Patrick J Byrne, MD

7:10 pm

Rhinoplasty
Robin W Lindsay

7:45 pm

Break

7:50 pm

Approaching the Aging Face
Edward D Buckingham, MD

8:25 pm

Maxillofacial Trauma
Robert M Kellman, MD

ABEA

LOCATION (unless otherwise noted): **GRAND 7-8**

1:00 pm

ABEA Business Meeting

Induction of New Members
Poster Awards

1:30 pm

Presidential Welcome & Citations
Milan Amin, MD

1:45 pm

Lecture 1: Presidential Keynote
Chandrika Tandon

2:18 pm

Transition

Scientific Session 1: Airway I

2:20 pm

Moderator Intro

2:21 pm

Examining the Swiss Cheese: Multidisciplinary Perspectives on Patient and Caregiver Tracheostomy Care Education and its Pitfalls
Victoria Yu, BA

2:26 pm

Implementation of the European Laryngological Society Classification for Adult Benign Laryngotracheal Stenosis: A Multicentric Study
Christian Sittel, MD, PhD

2:31 pm

Determining the Minimal Clinically Important Difference of the Dyspnea Index in the Management of Laryngotracheal Stenosis
Alan Gray, BS

2:36 pm

Predictors of Tracheostomy Decannulation in Adult Laryngotracheal Stenosis
Grace Snow, MD

2:41 pm

Autoimmune Related Subcordal Stenosis as a Variant of Subglottic Stenosis: A Case Control Study
Bridget Burgess, MD

2:46 pm

Q&A Discussion

2:50 pm

Break with Exhibitors
GRAND FOYER

3:20 pm

Panel 1 In Collaboration with the American Society of Geriatric Otolaryngology (ASGO): Dysphagia Management in The Elderly
Moderated by:
Ozelm Tulunay-Ugur
Panelists:
Karen Kost
Nausheem Jamal
Brianna Crawley

4:05 pm

Transition

4:05 pm – 4:37 pm

Scientific Session 2 (Cancer)

4:07 pm

Moderator Intro

4:08 pm

Volumetric Changes in Pharyngeal Structures Following Head & Neck Cancer Chemoradiation Therapy
Presented by: Ashley Hinthner

4:13 pm

Endoscopic Laryngopharyngeal Surgery for Hypopharyngeal Lesions
Presented by: Yo Kishimoto

4:18 pm

Swallowing Impairment is Influenced by Free Flap Choice in Oral Cavity Reconstruction
Presented by: Steven Hoshal

4:23 pm

KTP Laser Treatment of Early Glottic Cancer: A Multi-institutional, Retrospective Study
Presented by: Noah Parker

4:28 pm

Is Depth of Cordectomy the Only Parameter Correlate with Voice Quality after Surgery?
Presented by: Jacob Cohen

4:33 pm

Q&A

4:39 pm – 4:59 pm

Ellen M. Friedman Foreign Body Award Session

4:42

Successful Retrieval of a Large Upper Esophageal Foreign Body Using Traction Suture
Presented by: Bharat Panuganti

4:47 pm

A .50 Caliber Bullet as an Airway Foreign Body
Presented by: Ashwin Ananth

4:52 pm

Ellen M. Friedman Foreign Body Award Winner:

An Innovative Approach to Airway Foreign Body Management in an Extremely Premature Neonate
Presented by: Sarah Hodge

4:59 pm

Adjourn with a Presidential Close

8:00 am

Introduction & Welcome
Remarks

David B Hom, MD
Robin W Lindsay, MD

Facial Paralysis

Moderator: David B Hom, MD

8:05 am

Impact of Facial Paralysis on
Communicative Participation
Noel F Ayoub, MD, MBA

8:09 am

Smile Excursion and Facial Bulk
following Free Gracilis Transfer:
What is the Ideal Flap Weight?
Adeeb Derakhshan, MD

8:13 am

Qualitative Semi-Structured
Interviews for Patents with
Facial Paralysis
Pamela Pyrzynski

8:17 am

Layperson and Artificial
Intelligence Assessed Emotion
in Facial Palsy
Suresh Mohan, MD

8:21 am

The Role for Gracilis
Microvascular
Transfer Following Radical
Parotidectomy and Radiation
Cyrus C Rabbani, MD

8:29 am

Discussion

8:35 am

**Panel Discussion: The Best
Time to Surgically Intervene
for Idiopathic Facial Paralysis
(Bells Palsy) and the
Management of Acute Facial
Paralysis**

Moderator:

David B Hom, MD

Panelists:

Patrick J Byrne, MD

Jackie Diels, OT

Nate Jowett, MD

Ravi N Samy, MD

9:05 am

Discussion

Rhinoplasty

Moderator: Robin W Lindsay, MD

9:10 am

Effectiveness of Intranasal
Steroid versus Placebo on
Nasal Obstruction in Septal
Deviation

Shannon F Rudy, MD

9:17 am

Surgical Outcomes of
Extracorporeal Septoplasty: A
Systematic Review

Cherian Kandathil, MD

9:24 am

Miniplates Used for Twisted
Nose Deformity Positively
Impact Patient Reported
Outcomes

Akshay Sanan, MD

9:31 am

Health Utility Values as
Outcomes Measures in Patients
Undergoing Rhinoplasty for
Nasal Obstruction

Shekhar K Gadkaree, MD

9:37 am

Complex Rhinoplasty:
Academic Surgical Prospective
on Balanced & Functional Nasal
Surgery

Joesph J Rousso, MD

9:44 am

Discussion

9:50 am

Break with Exhibitors
LONE STAR BALLROOM

10:20 am

Prospective Study to Evaluate
Control Rates of Anterior
Epistaxis and Cost Analysis

Ahmed Sufyan, MD, FACS

10:24 am

Utilization and Utility
of Rhinoplasty Surgical
Worksheets

Richard O Davila, MD

10:28 am

Using the Review of Systems to
Predict Rhinoplasty Outcomes
Tyler S Okland, MD

10:32 am

The Impact of Nasal
Obstruction on Sleep Quality
Anil Hismi, MD

10:36 am

Discussion

10:40 am

Nasal Obstruction Following
Reductive Rhinoplasty

Tyler Stephen Okland, MD

10:44 am

Incidental Cosmetic Changes
in Patients Following Anterior
Septal Reconstruction.

Cherian Kandathil, MD

10:48 am

Does Full-Transfixion Incision
Affect Nasal Tip Projection in
Functional Rhinoplasty?

Tyler Bliss, MD

10:52 am

Avoiding Frequent Rhinoplasty
Complications and Surgical
Solutions

Prof Sameer Ali Bafaqeeh, MD

10:56 am

Discussion

Autologous, Cadaveric, Implant? What to Use and When

Moderator: Robin W Lindsay, MD

11:00 am

Panelists:

Minas Constantinides, MD

Russell WH Kridel

Sam P Most, MD

Travis T Tollefson, MD

11:40 am

Discussion

Cosmetic Rhinoplasty Show & Tell Presentations

Moderator: Robin W Lindsay, MD

11:45 am

Non-Surgical Rhinoplasty
Technique, Complications,
and Patient Satisfaction:
A Systematic Review

Sarah Kidwai, MD

11:49 am

Patient Reported Outcomes
Measures for Cosmetic
Rhinoplasty

Akshay Sanan, MD

11:53 am

The Dorsal Contour in Male
Rhinoplasty: A Web-Based
Study of Social Perception

Brian A Nuyen, MD

11:57 am

Discussion

12:00 pm

Adjourn



THURSDAY, MAY 2

ABEA

LOCATION (unless otherwise noted): **GRAND 7-8**

THURSDAY, MAY 2

7:55 am
Presidential Welcome
Milan Amin, MD

Scientific Session 3: Dysphagia I

8:00 am
Moderator Intro

8:01 am
Esophageal Transit Time Is
Influenced by Underlying
Disease: A Videofluoroscopic
Study
Jacqui Allen, MD

8:06 am
Evaluation of the Pharyngeal
Phase of Swallow Through
High Density Surface
Electromyography
David Bracken, MD

8:11 am
Objective Swallowing
Abnormalities in Patients with
Dysphagia Following Anterior
Cervical Spine Surgery
Shumon Dhar, MD

8:16 am
Development and Validation
of the Laryngopharyngeal
Universal Measure of Perceived
Sensation (LUMP)
Claire Melancon, MD

8:21 am
Relationship of Vocal Fold
Atrophy with Swallowing
Safety and Cough Function in
Parkinson's Disease
Yin Yiu, MD

8:26 am
Q&A Discussion

8:30 am
Transition

8:32 am
Chevalier Q. Jackson Award
Awardee: Gregory Postma, MD

8:37 am
Chevalier Q. Jackson Lecture
Presented by: Ryan Branski, MD

9:22 am
Transition

Scientific Session 4: Airway II

9:24 am
Moderator Intro

9:25 am
Outcomes of Hypoglossal
Nerve Stimulation
Outside the U.S. Food
and Drug Administration
Recommendations
Kathleen Sarber, MD

9:30 am
Cricotracheal Resection for
Adult Subglottic Stenosis:
Clinicopathological Factors
Predicting Decannulation
Failure
Ashok Jetha, MD

9:35 am
Tracheotomy Outcomes Based
on Timing and Technique
Mingyang Gray, MD

9:40 am
Frequency of Intervention with
a Variety of Procedures for
Idiopathic Subglottic Stenosis
Brandon Cardon, MD

9:45 am
Efficacy and Safety of
Biodegradable Stent for
Tracheomalacia: Report on
Animal Experiment
Seong Keun Kwon, MD, PhD

9:50 am
Q&A Discussion

9:55 am
Break with Exhibitors
LONE STAR BALLROOM

10:35 am
Panel 2 Supported by the Voice
Health Institute Endowment:
Advances in Adult and Pediatric
Posterior Glottic Stenosis
Moderated by: Alexander Hillel
Panelists:
Karen Zur
Alexander Gelbard
Christopher Wootten

11:20 am
Transition

11:22 am Scientific Session 5: Pediatrics

11:23 am
Slide Tracheoplasty Outcome
Predictors
Aileen Wurts, MD

11:28 am
A Longitudinal Analysis of
Tracheostomy Patients, Two
Years Old and Younger
Jordan Salley, BS

11:33 am
Spontaneous Respiration
Using Intravenous Anesthesia
and High-Flow Nasal Oxygen
(STRIVE Hi) for Pediatric Airway
Surgery
Seong Keun Kwon, MD, PhD

11:38 am
Pediatric Ingestion of
Household Cleaning Agents:
A Population-Based Analysis
Scott Schwartz, MD

11:43 am
Surgical Outcomes of
Children with Type IV
Laryngotracheoesophageal
Clefts
Alessandro de Alarcon, MD,
MPH

11:48 am
Q&A Discussion

11:52 am
Adjourn with a Presidential
Close

11:55 am
Member Photograph

5:30 pm
Combined Poster Reception
GRIFFIN HALL

ROOM 301/302

6:00 am

Scientific Session 5 – Value I

Moderators:
Carol Lewis, MD
Benjamin Roman, MD

6:00 am

Understanding Financial Toxicity in Head and Neck Cancer Survivors as a Framework for Shared Decisions and Avoidance of Low-Value Care

Leila J Mady, MD, PhD, MPH

6:05 am

The Effect of Multidisciplinary Tumor Board Meetings on Treatment Recommendations in Patients with Head and Neck Cancer

Samantha Tam, MD, MPH

6:10 am

A Partially Observed Markov Decision Process Model for Head and Neck Cancer Surveillance

Temitayo Ajayi

6:15 am

Discussion

6:20 am

Reduced Access to Care Among Head and Neck Cancer Patients

Sean T Massa, MD

6:25 am

The Effect of Treatment Delay on Head and Neck Squamous Cell Carcinoma (HNSCC) Survival

David Liao

6:30 am

Enhanced Recovery After Surgery (ERAS): Impact on Intensive Care Unit (ICU) Stay, Hospital Length of Stay (LOS) and Narcotic Use

Deborah Vaughan, PAC

6:35 am

Discussion

6:40 am

Head and Neck Cancer Readmission REduction (HANCARRE) Project: Successes and Lessons Learned One Year Later

Sara Yang, MD

6:45 am

Gender Disparities in Salivary Malignancies: Is Gender Impacting Oncological Outcomes?

Ximena Mimica, MD

6:50 am

Intraoperative Nerve Monitoring Parameters Predict Facial Nerve Outcome in Parotid Surgery

Catherine T Haring, MD

6:55 am

Discussion

CONCURRENT 1

GRAND 5

7:00 am

Best of Cutaneous Malignancy Abstracts

Moderator: Daniel Clayburgh, MD

7:00 am

Outcomes of Chronically Immunosuppressed Patients with Cutaneous Squamous Cell Carcinoma of the Head and Neck

Christopher M Yao, MD

7:04 am

Discussion

7:05 am

Development of Gene Expression Signature for Risk Assessment in Cutaneous Squamous Cell Carcinoma with a Subanalysis in the Head and Neck Region

Jason G Newman, MD

7:09 am

Discussion

7:10 am

Melanoma Debate: Is Head and Neck Melanoma Different?

Moderator: Daniel Clayburgh, MD

7:13 am

Debate I: Sentinel Lymph Node Biopsy v. Completion Neck Dissection for Positive Sentinel Lymph Node Biopsy

Sentinel Lymph Node Biopsy v. Completion Neck Dissection

Carol Bradford, MD v. Brian Moore, MD

7:30 am

Debate II: Adjuvant Management of Node-Positive Melanoma

Radiotherapy v.

Immunotherapy

Chris Barker, MD v. Chad Zender, MD

CONCURRENT 2

ROOM 301/302

7:00 am

Scientific Session 6 – HPV Negative II

Moderators:
Andrew Day, MD
William Ryan, MD

7:00 am

Early-Stage Laryngeal Cancer: Treatment Patterns and the Effect of Treatment Facility

Eric L Bauer, MD

7:05 am

Predictors of Post-Operative Radiation in cT1-T2N0 Glottic Cancer: A Study of the National Cancer Database

Dustin A Silverman, MD

7:10 am

Hospital Market Concentration and Costs of Laryngectomy

Peter S Vosler, MD, PhD

7:15 am

Selective Neck Dissection at the Time of Salvage Surgery: A Meta-Analysis and SEER Database Study

Andrey Finegersh, MD, PhD

7:20 am

Discussion

7:28 am

Comparative Analysis of Stage at Presentation, Prognosis and Assessing Delay in Treatment in Oral Cavity Squamous Cell Carcinoma Between Rural and Urban Patients in an Uninsured Population

Diptarka Bhattacharyya, MD

7:33 am

Diagnostic Yield of Transoral Robotic Surgery (TORS) Base of Tongue Mucosectomy in Human Papilloma Virus Negative Oropharyngeal Squamous Cell Carcinoma

Mark Kubik, MD

7:38 am

Erosive Mandibular Invasion Defined

Arya W Namin, MD

7:43 am

Socioeconomic Status, Length of Hospital Stay, and Post-operative Complications in Oral Cavity Squamous Cell Carcinoma

Michael Xie, BHSc

7:48 am

Discussion



THURSDAY, MAY 2

AHNS CONT.

LOCATION (unless otherwise noted): **CONCURRENT 1: GRAND 5 | CONCURRENT 2: ROOM 301/302**

THURSDAY, MAY 2

CONCURRENT 1

GRAND 5

8:00 am

Endocrine Tumor Board: Management of Advanced Thyroid Malignancy – The Evolving Role of Targeted Therapy and Surgery

Moderator: Mark Zafereo, MD

Panelists:

Naifa Busaidy, MD

Ian Ganly, MD, PhD

Ana Ponce Kiess, MD, PhD

Lori Wirth, MD

CONCURRENT 2

ROOM 301/302

8:00 am

Scientific Session 7 – Reconstructive Advances II

Moderators:

Elizabeth Nicolli, MD

Chase Heaton, MD

8:00 am

Use of a Non-ICU Specialty Ward for Immediate Post-operative Management of Head and Neck Free Flaps: A Randomized Controlled Trial
Brian Cervenka, MD

8:05 am

Osseointegration of Scapular Tip Free Flaps in Mandibular Reconstruction
Mohammed Mamdani, MD, PhD

8:10 am

Assessment of Support and Caregiver Burden Among Patients Undergoing Microvascular Free Tissue Transfer for Head and Neck Reconstruction
Mary J Xu, MD

8:15 am

Inefficiency During Microvascular Free Flap Reconstructive Surgery: Supplies and Communication
Rohini R Bahethi, BS

8:20 am

Discussion

8:25 am

Cost and Clinical Outcomes of General Floor Care versus Intensive Care Unit Management in the Postoperative Setting for Patients Undergoing Head and Neck Free Flaps
Jaime A Aponte Ortiz

8:30 am

Long-Term Outcomes and Complications of Fibula Free Flaps in Head and Neck Reconstruction Over a 10-year Period
Brian Swendseid, MD

8:35 am

The Impact of Adjuvant Treatment on Advanced/High-Risk Cutaneous Squamous Cell Carcinoma of the Head and Neck after Definitive Surgical Resection
Samuel J Trosman, MD

8:40 am

Discussion

CONCURRENT 1

8:50 am

GRAND 5

Best of 2019: Pivotal International Trials

Moderator: Dan Fliss, MD

8:50 am

Identifying the "Supra High Risk" Group within the POST (TROG 05.01) Study – Australia
Sandro Porceddu, MD

9:05 am

Management of the N0 Neck in Early Oral Cancer – India
Pankaj Chaturvedi, MBBS, MS

9:20 am

DeLos-II Trial in Resectable Laryngeal Cancer – Germany
Andreas Dietz, MD

CONCURRENT 2

ROOM 301/302

8:50 am

Best of Skull Base Abstracts

Moderator: Ivan El-Sayed, MD

8:50 am

Osteogenic Differentiation and Vasculogenesis of Pericranium Derived Cells in 3-Dimensions: A Potential Repository for Bone in Patients Undergoing Craniofacial Reconstruction.
Christoph M Prummer, MD

8:54 am

Discussion

8:55 am

Characterization of Malignant Paragangliomas of the Head and Neck: A Multi-Decade Experience of a Single Institution
Hilary McCrary, MD, MPH

8:59 am

Discussion

9:00 am

Skull Base Cancer Debate: Should I Operate?

Moderator: Ivan El-Sayed, MD

9:03 am

Debate I: Intracranial Extension Operate v. Not Operate
Adam Zanation, MD v. Christopher Rassekh, MD

9:19 am

Debate II: Orbital Encroachment Resect Orbit v. Not Resect
Mathew Geltzeiler, MD v. Shirley Y Su, MD

9:45 am

Break with Exhibitors
LONE STAR BALLROOM

CONCURRENT 1

GRAND 5

10:15 am

Novel Approaches to an Old Problem: Re-Thinking Oral Cavity Cancer

Moderator: Maie St John, MD, PhD

10:15 am

Epidemiologic Changes
Jose Zevallos, MD, MPH

10:25 am

New Imaging Modalities
Eben Rosenthal, MD

10:35 pm

Sentinel Node Biopsy
Stephen Lai, MD, PhD

10:45 am

Neoadjuvant Therapy
Bryan Bell MD, DDS

CONCURRENT 2

ROOM 301/302

10:15 am

Scientific Session 8 – Outcomes & Miscellaneous

Moderators:

Michael Moore, MD

Louis Kowalski, MD, PhD

10:15 am

Predictors of Depression and Anxiety in Head and Neck Cancer Patients
Ashok R Jethwa

10:20 am

Quality of Life, Tumor Site, and Age Predict Depression in Head & Neck Cancer Patients
Carissa M Thomas, MD, PhD

10:25 am

A Longitudinal Prospective Mixed Model Analysis of Patient Reported Outcomes after Head and Neck Conformal Reirradiation
Courtney Pollard, III, MD, PhD

THURSDAY, MAY 2

AHNS CONT.

LOCATION (unless otherwise noted):

CONCURRENT 1: GRAND 5 | CONCURRENT 2: GRAND 6 | CONCURRENT 3: ROOM 301/302

10:30 am
Discussion

10:37 am
The Association Between Preoperative Functional Performance and Outcomes after Surgical Treatment of Head and Neck Cancer
Sampat Sindhar

10:42 am
Variations in Health Literacy and Follow-Up Among Different Head and Neck Cancer Screening Sites
Raquel Zemtsov, MD, MPH

10:47 am
Elevated Risk of Head and Neck Cancer in Patients with History of Hematologic Malignancy
Alia Mowery, BS

10:52 am
Discussion

CONCURRENT 1

GRAND 5
11:00 am
Presidential Address Introduction
Cherie-Ann Nathan, MD

11:05 am
Presidential Address and Awards
The Future of AHNS in a Competitive Environment: Is Value Based Care mere Theory or an Existential Strategy?
Ehab Hanna, MD

12:00 pm
Lunch with Exhibitors
LONE STAR BALLROOM

CONCURRENT 1

GRAND 5
1:00 pm
Current Concepts in Education
Moderator: Babak Givi, MD

1:00 pm
Changes in ABOTO
Brian Nussenbaum, MD

1:20 pm
Simulation Training in Surgical Education
Kelly Malloy, MD

1:30 pm
AHNS TORS Training Curriculum for Fellows; Presentation of Certificates to 2019 Graduates
Neil Gross, MD

CONCURRENT 2

GRAND 6
1:00 pm
Best of Reconstructive Abstracts
Moderator: Brett Miles, MD

1:00 pm
Prognostic Factors Associated with Achieving Total Oral Diet Following Osteocutaneous Microvascular Free Tissue Transfer Reconstruction in the Head and Neck
Sagar Kansara, MD

1:04 pm
Discussion

1:05 pm
Mortality and Morbidity in Patients 80 Years and Older Undergoing Major Head and Neck Ablation and Reconstruction – A Multi-Institutional Study
Tanya Fancy, MD

1:09 pm
Discussion

1:10 pm
Debate: Reconstruction of Head and Neck Cancer Defects
Moderator: Brett Miles, MD

1:13 pm
Debate I: Optimal Maxillectomy Defect Rehabilitation
Obturator v. Surgical Reconstruction with Rebuttals, Questions, and Answers
Neal Futran, MD, DMD v. Ralph Gilbert, MD

1:29 pm
Debate II: Functional Reconstruction of Oral Cavity Cancer Defects
Pedicled Flap v. Free Flap with Rebuttal, Questions, and Answers
Urjeet Patel, MD v. Douglas Chepeha, MD

CONCURRENT 3

ROOM 301/302
1:00 pm
Scientific Session 9 – Advances in Systemic Therapy
Moderators: Jeffrey Liu, MD
Raj Mandal, MD

1:00 pm
Combined Inhibition of Wee1 and Rad51 Enhances Cell Killing in HNSCC
Antje Lindemann

1:05 pm
Role of Induction Chemotherapy for Oral Cavity Squamous Cell Carcinoma
Ahmed S Abdelmeguid, MD, PhD

1:10 pm
Safety, Pharmacokinetics, and Pharmacodynamics of NF-κB Mediated Apoptosis of the Anti-Inflammatory Botanical Drug APG-157 in Patients with Oral Squamous Cell Carcinoma
Marilene B Wang

1:15 pm
Head and Neck Surgeon's Perception Regarding Palliative Care
Yemeng Lu-Myers, MD, MPH

1:20 pm
Discussion

1:25 pm
Association of Neutrophil-to-Lymphocyte Ratio Dynamics and Outcomes with Immune Checkpoint Inhibition in Head and Neck Squamous Cell Carcinoma
Marcus A Couey, MD, DDS

1:30 pm
The Effect of Metformin on Immune Infiltrate in Head and Neck Squamous Cell Carcinoma
Dev Amin, BS

1:35 pm
The Impact of Neoadjuvant Pre-Surgical PD-1 Inhibition on the Immune Phenotype in Patients with Oral Cavity Cancer
David M Neskey, MD, MSCR

1:40 pm
Discussion

CONCURRENT 1

GRAND 5
1:55 pm
Hayes Martin Lecture Introduction
Ehab Hanna, MD

2:00 pm
Hayes Martin Lecture
Life Lessons from my Thirty-Seven Years as a Navy Seal
William McRaven

2:45 pm
Break with Exhibitors
LONE STAR BALLROOM

CONCURRENT 3

ROOM 301/302
3:15 pm
Scientific Session 10 – Value II
Moderators:
Jennifer Cracchiolo, MD
Wais Rahmati, MD

3:15 pm
Identification of High-cost Patients after Head and Neck Cancer Surgery
Michelle Chen, MD

3:20 pm
Evaluation of Reasons for NCCN Guideline Non-Compliance in Advanced Stage Head and Neck Cancer
Philip R Brauer, BA

THURSDAY, MAY 2



THURSDAY, MAY 2

AHNS CONT.

LOCATION (unless otherwise noted):

CONCURRENT 1: GRAND 5 | CONCURRENT 2: GRAND 6 | CONCURRENT 3: ROOM 301/302

THURSDAY, MAY 2

3:25 pm

Deriving Health Utility Scores from Head and Neck Cancer Quality of Life Instruments: Mapping UWQoL and EORTC QLQ-H&N35 onto EQ-5D and HUI-3 Indices

Christopher W Noel, MD

3:30 pm

Insurance Coverage Change and Stage at Diagnosis Among Nonelderly Patient with Head and Neck Squamous Cell Carcinoma after the Affordable Care Act – National Cancer Database Survey

Krupal B Patel, MD, MSc

3:35 pm

Discussion

3:40 pm

Assessing the Value Equation for Older Patients Receiving Radiotherapy With or Without Cisplatin or Cetuximab for Locoregionally-Advanced Head and Neck Cancer

Anirudh Saraswathula, BS

3:45 pm

Socioeconomic and Demographic Variation in Insurance Coverage among Head and Neck Cancer Patients after the Affordable Care Act

Neelima Panth, MPH

3:50 pm

Surgical Margins in Salivary Malignancy: When is Near Enough, Good Enough?

M A Hanson, MD

3:55 pm

Discussion

CONCURRENT 1

GRAND 5

3:15 pm

Immunotherapy 101 for Head and Neck Cancer

Moderator:

Andrew Sikora, MD, PhD

3:15 pm

Basics of Immunotherapy and Why is it Attractive for Head and Neck Cancer Treatment?

Nicole Schmitt, MD

3:25 pm

What is the Value of Immunotherapy in the Neoadjuvant and Salvage Surgical Settings?

Tanguy Seiwert, MD

3:35 pm

Understanding a Connection Between Genetics and Immunotherapy

Nishant Agrawal, MD

CONCURRENT 2

GRAND 6

3:15 pm

Best of Salivary Abstracts

Moderator: Patrick Ha, MD

3:15 pm

The Role of Elective Neck Dissection in cN0 Patients with High-Grade Parotid Cancer Among a Hospital-Based National Cohort, 2004 – 2013.

Richard A Harbison, MD, MS

3:19 pm

Discussion

3:20 pm

Single Cell RNA-sequencing Reveals Inter-Tumoral and Intra-Tumoral Heterogeneity in MYB-Driven Programs in Adenoid Cystic Carcinoma

Anuraag S Parikh, MD

3:24 pm

Discussion

3:25 pm

Moving Beyond Histology: Biomarkers for Salivary Gland Cancer

Moderator: Patrick Ha, MD

3:25 pm

The Mutational Landscape of Salivary Gland Cancers

Luc GT Morris, MD, MSc

3:35 pm

Secretory Carcinoma Gene Fusions and Therapeutic Targets

Raja Seethala, MD

3:45 am

Therapeutic Implications of NOTCH Mutations in Salivary Gland Cancer

Renata Ferraroto, MD

3:55 pm

Radiomic Implications

David Raben, MD

CONCURRENT 1

GRAND 5

4:05 pm

Best of Mucosal HPV Negative Abstracts

Moderator: Joseph Califano, MD

4:05 pm

Evaluating Compliance with Process-Related Quality Metrics and Survival in Oral Cavity Squamous Cell Carcinoma: A Multi-Institutional Oral Cavity Collaboration Study

Sara W Liu, MD

4:09 pm

Discussion

4:10 pm

NDRG1 Expression Predicts Tumor Progression and Metastasis in Oral Cancer

Sabrina Daniela Silva

4:14 pm

Discussion

4:15 pm

Debate: Optimal 1st Line Management for HPV-Related Oropharynx Cancer

Moderator: Joseph Califano, MD

Primary Surgery

Harry Quon, MD

Eric Moore, MD

Heather Starmer, MA CCC-SLP

versus

Primary Radiotherapy

Tom Galloway, MD

J Scott Magnuson, MD

Katherine Hutcheson, PhD

4:45 pm

Rebuttals, Questions and Answers

Harry Quon, MD

Eric Moore, MD

Heather Starmer, MA CCC-SLP

Tom Galloway, MD

J Scott Magnuson, MD

Katherine Hutcheson, PhD

CONCURRENT 2

GRAND 6

4:15 pm

Debate: Controversies in Endocrine Surgery: Are We Operating Too Much?

Moderators:

Joseph Scharpf, MD

Ralph Tufano, MD

4:15 pm

Active Surveillance for Papillary Microcarcinoma

Joseph Scharpf, MD

4:20 pm

Surgery v. Surveillance

Louise Davies, MD, MS v.

Catherine Sinclair, MD, FRACS

4:40 pm

Normocalcemic Primary Hyperparathyroidism

Ralph Tufano, MD

4:45 pm

Surgery v. Surveillance

Maisie Shindo, MD v. David

Steward, MD

THURSDAY, MAY 2

AHNS CONT.

LOCATION (unless otherwise noted):

CONCURRENT 1: GRAND 5 | CONCURRENT 2: GRAND 6 | CONCURRENT 3: ROOM 301/302

CONCURRENT 3

ROOM 301/302

4:05 pm

Scientific Session 11 – Biomarkers

Moderators:

Kevin Emerick, MD
Matt Spector, MD

4:05 pm

Use of Machine Learning to Develop a Clinical Prediction Model for Survival in Oral Cancer

Omar Karadaghy, MD

4:10 pm

TMEM16A is a Potential Biomarker for the Development and Malignant Transformation of Squamous Epithelial Dysplasia

Hannah L Schwarzbach

4:15 pm

DNA Sequencing of Human Cancer Genes and Human Papillomavirus Genomes to Classify and Monitor Head and Neck Squamous Carcinoma

Michelle Tanner

4:20 pm

P16 and Human Papillomavirus in Sinonasal Carcinoma

Erin R Cohen, MD

4:25 pm

Discussion

4:33 pm

Gross Tumor Volume and Invasive Tumor Volume Using 3 Tesla MRI as Predictors of Cervical Lymph Node Metastasis and Survival in Oral Tongue Cancer

Rachad Mhawej, MD

4:38 pm

Role of Lymphoscintigraphy and SPECT-CT in Sentinel Lymph Node Detection in Early Stage Squamous Cell Carcinoma of Oral Cavity: Our Experience

Jaimanti Bakshi, Professor

4:43 pm

Tumor Infiltrating Lymphocytes Predict Prognosis in Head and Neck Squamous Carcinoma

M E Spector, MD

4:48 pm

Sentinel Lymph Node Biopsy Using Preoperative CT Lymphography and Intraoperative Indocyanine Green Fluorescence Imaging in Patients with Early Tongue Cancer

Kohei Honda

4:53 pm

Discussion

GRIFFIN HALL, LEVEL 2

5:30 pm

AHNS Quickshot Presentations

Moderators:

Marietta Tan, MD
Allen Ho, MD

5:30 pm

Hospital Markup and Head and Neck Cancer Surgery Outcomes in the United States

Warren C Swegal, MD

5:33 pm

Factors Predictive of 90-Day Mortality after Surgical Resection for Oral Cavity Cancer: Development of a Recursive Partitioning Analysis for Risk Stratification

Ashwin Shinde, MD

5:36 pm

Survival Impact of Treatment-Related Time Intervals in Nasopharyngeal Carcinoma in the United States

Tristan Tham, MD

5:39 pm

Association of Frailty with Outcomes after Low-Risk and High-Risk Head and Neck Cancer Surgery

Alexander N Goel, BA

5:42 pm

Veracyte/Afirma GEC Suspicious for Malignancy Diagnosis versus Academic Tertiary Care Center Benign Thyroid Cytology Result. What's the Risk of Malignancy??

Rohit Ranganath, MD

5:45 pm

Preoperative Risk Index for Patients Undergoing Head and Neck Cancer Surgery

Marco A Mascarella, MD, MSc

5:48 pm

Factors Affecting Treatment Charges for Head and Neck Cancer

John Pang, MD

5:51 pm

Identification of Antigens for a Multivalent Vaccine for Head and Neck Squamous Cell Carcinoma

Harrison A Cash, MD

5:54 pm

Characteristics of Chronic Opioid Use in Head and Neck Cancer Patients Undergoing Free Flap Surgery

Juliet Meir, MD

5:57 pm

Palliative Quad Shot Radiotherapy in Advanced Head and Neck Cancer (HNC) – Impact on Symptomatic Relief and Quality of Life

Subhash Chander, MD

THURSDAY, MAY 2





THURSDAY, MAY 2

ALA

LOCATION (unless otherwise noted): GRAND 7-8

THURSDAY, MAY 2

Scientific Session IV: Vibration

Moderators:

Jennifer P Long, MD, PhD
Sid Khosla, MD

1:00 pm

Young Faculty/Practitioner Award

A Phase II, Randomized, Double-Blind, Placebo-Controlled Multi-Institutional Study to Evaluate the Safety and Efficacy of Autologous Cultured Fibroblasts for Treatment of Vocal Fold Scarring and Atrophy

Yue Ma, MD

Award Presentation:
C Blake Simpson, MD

1:06 pm

Does Systemic Dehydration Adversely Affect Vocal Fold Tissue Physiology?

Abigail C Durkes, DVM, PhD

1:12 pm

Optimized Quantification of Altered Vocal Fold Biomechanical Properties

Gregory R Dion, MD

1:18 pm

Effect of Sex Hormones on Extracellular Matrix of Lamina Propria in Rat Vocal Fold

Bjungjoo Lee, MD PhD

1:24 pm

Discussion

1:30 pm

State of the Art Lecture

The Laryngologist as Deglutologist

Pete C Belafsky, MD, PhD

Introduction:

C Blake Simpson, MD

Scientific Session V: Vocal Fold Movement Impairment

Moderators:

Michael E Pitman, MD
Lucian Sulica, MD

2:00 pm

Idiopathic Vocal Fold Paralysis May Not Be Caused by a Focal Axonal Lesion

Ted Mau, MD, PhD

2:06 pm

Effects of Trial Vocal Fold Injection Material & Operative Location on Predicting Thyroplasty Outcomes

Kevin Tie, BS

2:12 pm

Effect of Vocal Fold Implant Placement on Depth of Vibration and Vocal Output

Simeon L Smith, BS, MS

2:18 pm

The Effects of Implant Stiffness on Vocal Fold Medial Surface in an Ex-Vivo Hemilarynx Model

Brian H Cameron, BA

2:24 pm

Development of an Innovative Surgical Technique for Vocal Fold Reconstruction Using an Autologous Vascularized Pedicled Fat Flap in a Rabbit Model

SeungWon Lee, MD, PhD

2:30 pm

Voice Outcome of Preservation of the External Branch of Superior Laryngeal Nerve Using Attachable Magnetic Nerve Stimulator Under Intraoperative Neuromonitoring System During Thyroidectomy

Eui-Suk Sung, MD, PhD

2:36 pm

Discussion

2:45 pm

Break with Exhibitors
LONE STAR BALLROOM

Scientific Session VI: Dysphagia

Moderators:

Maggie Kuhn, MD
VyVy Young, MD

3:15 pm

Chronic Inflammatory Response in the Rat Lung to Commonly Used Contrast Agents for Videofluoroscopy

Rumi Ueha, MD, PhD

3:21 pm

Improved Reflux Symptom Index in Patients Treated for Dysphonia

Hannah Kavookjian, MD

3:27 pm

Comparison of Staple-Assisted Diverticulotomy, Laser-Assisted Diverticulotomy, and Transcervical Diverticulectomy for Zenker's Diverticulum: A Systematic Review and Meta-Analysis

Neel K Bhatt, MD

3:33 pm

The Prevalence of Dysphonia and Dysphagia Symptoms in Patients on Statin Therapy

Elie Khalifee, MD

3:39 pm

The Use of the Ethicon Enseal for Transoral Rigid Zenker's Diverticulotomy: A Retrospective Review of Device Safety, Complication, and Short Term Outcomes

Krishna Bommakanti, BA

3:45 pm

Discussion

3:55 pm

Panel Discussion

The Geriatric Laryngology Patient

Moderator:

Ozlem Tulunay-Ugar, MD

Panelists:

Juliana Litts, MA, CCC-SLP

Robert T Sataloff, MD, DMA

Gregory Postma, MD

Anjuli Hipolita Vasquez, MD

IN COLLABORATION WITH THE AMERICAN SOCIETY OF GERIATRIC OTOLARYNGOLOGY (ASGO)

4:50 pm

2019 Research Grant Awards

Ted Mau, MD, PhD

4:55 pm

2019 Poster Presentation Awards

5:00 pm

Adjourn

5:05 pm

Neurolaryngology Study Group

Neuromodulation of Swallowing: Stat of the Field
Corrine Jones, PhD, CCC-SLP

5:30 pm

Combined Poster Reception
GRIFFIN HALL

7:55 am

Presidential Welcome

Scientific Session 6: Dysphagia II

8:00 am

Moderator Intro

8:01 am

Esophageal A-Rings Represent a Compensatory Mechanism in Gastroesophageal Reflux Disease

Yuval Nachalon, MD

8:06 am

The Real Costs of Swallowing Complaints in a Public Health System

Jacqui Allen, MD

8:11 am

Differences in Objective Swallowing Characteristics in Zenker's-Like Traction Diverticulum Following Anterior Cervical Discectomy and Fusion

Shumon Dhar, MD

8:16 am

Surgical Management of Recurrent Zenker's Diverticulum: A Multi-Institutional Cohort Study

Michael Berger, MD

8:21 am

Risk Factors for Death In Persons with Dysphagia

Peter Belafsky, MD

8:26 am

Q&A Discussion

8:30:00 am

Transition

8:32 am

Jamie Koufman Annual Panel: Comprehensive Approaches to the Contemporary Reflux Patient

Moderator: Peter Belafsky

8:34 am

Koufman Lecture

9:04 am

Transition

9:06 am

Scientific Session 7: Voice

9:20 am

Moderator Intro

9:21 am

Long-Term Vocal Fold Injection Augmentation Using a Microporous Annealed Particle Hydrogel in a Rabbit Model

James Daniero, MD

9:26 am

Vocal Fold Augmentation with Abdominal Fat for Atrophy, Scarring and Unilateral Paralysis: Long Term Outcomes

Yonaton Lahav, MD

9:31 am

Intraoperative Phonation Testing of Individual Vocal Folds in the Dog Larynx

James Heaton, MD

9:36 am

Revision Medialization Laryngoplasty: Patterns of Failure and Management

Paul Bryson, MD

9:41 am

Utility of Imaging Studies in Patients Diagnosed with Idiopathic Vocal Fold Paralysis

Fernando Morell, MD

9:46 am

Q&A Discussion

9:46 am

Break with Exhibitors
LONE STAR BALLROOM

10:30 am

Panel 4: State of the Art Laryngology 2019

Moderator: Michael Pitman, MD

11:16 am

Transition

Scientific Session 8: Larynx

11:17 am

Moderator Intro

11:18 am

Glottic Keratosis - Any Guidance from Appearance?

Mursalin Anis, MD, PhD

11:23 am

Multi-Institutional Epidemiologic Survey of Laryngeal Leukoplakia

Brian Sanders, MD

11:28 am

Infection at the Operative Site After Microlaryngeal and Open Phonosurgery: The Role of Peri-Operative Antibiotics

Scott Roof, MD

11:33 am

Metabolic Activity of Cells in Macula Flava of Human Vocal Fold from the Aspect of Mitochondrial Microstructure

Kiminori Sato, MD

11:38 am

Carbon Debris and Fiber Cleaving: Effects on KTP Laser Power Output and Chick Chorioallantoic Membrane Vessel Coagulation

Lauren Tracy, MD

11:43 am

Does Antithrombotic Therapy Increase Bleeding Incidence When Performing Direct Microlaryngoscopy?

Richard Heyes, MBChB, MRCS

11:48 am

Q&A Discussion

11:53 am

Presidential Close

Introduction of New President
Adjourn



FRIDAY, MAY 3

TRIO

LOCATION (unless otherwise noted): **CONCURRENT 1: GRAND 6 | CONCURRENT 2: GRAND 5**

7:00 am

Business Meeting
(Triological Fellows only)
New Fellow Ceremony and Reception

7:55 am

Welcome & Introductions by President
Sigsbee W Duck, MD

7:55 am

Presidential Citations
Gerald S Berke, MD
Paul WF Coughlin, MD
Thomas Hall, RPH
Kenneth E Hornowski, DDS
P Ashley Wackym, MD
David F Wilson, MD (Posthumous)

Introduction of Guest of Honor and Remarks

Harold C Pillsbury, MD

8:15 am

Presidential Address
The Patient's Perspective on Head and Neck Cancer - My Personal Experience
Sigsbee W Duck, MD

8:30 am

Introduction of Joseph H Ogura, MD Annual Lecture
ALL COSM REGISTRANTS INVITED TO ATTEND
Patient Safety: It's Not Rocket Science
James P Bagian, MD, PE
Physician, engineer and veteran NASA astronaut

9:05 am

Introduction of 2019 Thesis Award Presenters
Dana M Thompson, MD

9:06 am

2019 Harris P Mosher Award for Clinical Research - Thesis Presentation

Frailty as a Predictor of Outcomes in Patients Undergoing Major Surgery for Head and Neck Cancer: A Prospective Cohort Study
David P Goldstein, MD, MSC, FRCSC

9:14 am

2019 Edmund Prince Fowler Award for Basic Research - Thesis Presentation

Aspergillus Fumigatus Induction of IL-33 Expression in Chronic Rhinosinusitis with Nasal Polyps is Protease Activated Receptor 2-Dependent

Amber U Luong, MD, PhD

9:22 am

2019 Maureen Hannley Award for Alternative Science - Thesis Presentation

Patient Values and Preferences Regarding Surgeon Presence, Trainee Participation, and Overlapping Surgery

Alexander J Langerman, MD

9:30 am

Q&A

9:35 am

Break with Exhibitors
LONE STAR BALLROOM

CONCURRENT SESSION 1

9:55 am

Head & Neck Panel

Evolving Topics in Head and Neck Surgery

Giovana R Thomas, MD
Larry L Myers, MD
Maie A St John, MD
Jose P Zevallos, MD, MPH

Head & Neck and Laryngology

Session Moderators:
Adam S Jacobson
William R Ryan, MD

10:35 am

Insurance Status as a Social Determinant of Health and Its Impact on Treatment and Survival of Sinonasal Cancer Patients
Pratima Agarwal, BA

10:40 am

Occupational Exposure of Oropharyngeal HPV Amongst Otolaryngologists
Rahul S Subbarayan, MD

10:45 am

Opioid Prescribing Practices for Postoperative Patients in Otolaryngology: A Multiphasic Quality Improvement Project in a Single Large Institution
Sophia Dang, BA

10:50 am

Targeting of Apoptosis in Head and Neck Squamous Cell Carcinoma Requires Overcoming Redundant Pro-Survival Mechanisms

Thomas Julian Ow, MD, MS

10:55 am

Clinical Application of Fluorescence Guided Surgery in Head and Neck Cancer: Successes and Limitations
Stan Van Keulen, MD

11:00 am

Performance Characteristics of Computed Tomography in Predicting Extranodal Extension in HPV-Positive Oropharyngeal Carcinoma
Farhoud Faraji, MD, PhD

11:05 am

RNA in Situ Hybridization for HPV Detection in Oropharyngeal Squamous Cell Carcinoma: Our Institution's Experience and a Review of the Literature
Krish Suresh, BA

11:10 am

Q&A

11:15 am

Panel: Difficult Issues in Laryngology
Albert L Merati, MD
Joel H Blumin, MD
Michael M Johns III, MD
Laura A Matrkka, MD
Libby J Smith, DO
Lucian Sulica, MD

12:00 pm

Adjourn

5:30 pm

Meet the Authors Poster Reception

CONCURRENT SESSION 2

Otology/Neurotology and Pediatric Otolaryngology

Session Moderators:
Jennifer L Maw, MD
Mia E Miller MD

9:55 am

Effects of Ganciclovir Treatment in a Murine Model of Cytomegalovirus Induced Hearing Loss
Travis J Haller, BS

10:00 am

Quantitative Analysis of Narcotics Prescribed and Used after Ear Surgery
Stephany J Ngombun BA

10:05 am

Quantifying Tinnitus Suppression in Cochlear Implantation Using a Novel Audiologic Sequence: Tinnitus Interval Limited Tracking (TILT)
Jonathan R Mallen, MD

10:10 am

Sensorineural Hearing Loss Pattern in Patients with Idiopathic Intracranial Hypertension
Sunny S Kim, BA

10:15 am

Impact of Comorbidities on Speech Perception Abilities in CI Patients
Nedim Durakovic, MD

10:20 am

Hospital Volume and Acoustic Neuroma Resection Outcomes
Nicholas S Andresen, MD

10:25 am

Barometric Pressure and the Incidence of Benign Paroxysmal Positional Vertigo
Jonathan R Korpon, BS

FRIDAY, MAY 3

TRIO CONT.

LOCATION (unless otherwise noted): **CONCURRENT 1: GRAND 6 | CONCURRENT 2: GRAND 5**

10:30 am

Relationship of Overall Cardiovascular Health and Hearing Loss in an African-American Population
Steven A Curti, MD

10:35 am

The Cartilage Cuffed T-Tube Tympanoplasty
Alex Bradley Labby, MD

10:40 am

Q&A

10:45 am

**Collaborative Panel:
Triological Society and
American Otological Society**

Otological Manifestations of Intracranial Hypertension

**Seilesh C Babu, MD
Joni K Doherty, MD PhD
Michael E Hoffer, MD
Soha N Ghossaini, MD
Joe W Kutz, MD**

Pediatric Otolaryngology

Session Moderators:

**Alessandro de Alarcon, MD, MPH
Romaine F Johnson, MD, MPH**

11:30 am

Intraoperative Intravenous Ibuprofen Use is Not Associated with Increased Post-Tonsillectomy Bleeding
Nikunj K Patel, BA

11:35 am

Postoperative Prescriptions and Corresponding Opioid Consumption after Tonsillectomy
Stephanie L Choo, BS

11:40 am

Implementation of Electronic Pediatric Tracheostomy Care Module to Improve Provider Confidence
Catherina Yang BA

11:45 am

Optimizing International Short Term Otolaryngology Service Trips: Perceptions from Learners versus Volunteers
Cameron P Worden, BS

11:50 am

Frequency of Post-Tonsillectomy Hemorrhage Relative to Time of Day
Sun Joo Kim, BS

11:55 am

Lateral Cervical Abscesses: What NSQIP-P Reveals Regarding Length of Stay, Readmission, and Reoperation
Vijay A Patel, MD

12:00 pm

Low Cost, Easy to Replicate Ventilation Tube Insertion Training System
Nicole L Molin, MD

12:05 pm

Q&A

12:10 pm

Adjourn

5:30 pm

Meet the Authors Poster Reception
GRIFFIN HALL

FRIDAY, MAY 3



**SAVE THE DATES
APRIL 22-26, 2020
HILTON ATLANTA • ATLANTA, GEORGIA**

AAFPRS American Academy of Facial Plastic and Reconstructive Surgery
ABEA American Broncho-Esophagological Association
ALA American Laryngological Association
ANS American Neurotology Society
AOS American Otological Society
ARS American Rhinologic Society
ASPO American Society of Pediatric Otolaryngology
TRIO The Triological Society

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COSM

COMBINED OTOLARYNGOLOGY
SPRING MEETINGS



FRIDAY, MAY 3

ALA

LOCATION (unless otherwise noted): GRAND 7-8

Scientific Session VII: Laryngeal Cancer

Moderators:

Brianna W Crawley, MD
Lee M Akst, MD

1:00 pm

KTP Versus CO2 Laser Surgery
for Early Glottic Cancer:
Randomized Controlled Trial
Comparing Survival and Function
Yonatan Lahav, MD

1:06 pm

MU-Opioid Receptor
Expression in Laryngeal Normal
and Carcinoma Specimens and
the Relation with Survival
Hagit Shoffel-Havakuk, MD

1:12 pm

A Novel and Personalized
Voice Restoration Alternative
for Patients with Total
Laryngectomy
Amais Rameau, MD, MPhil

1:18 pm

CT Lung Screening in Patients
with Laryngeal Cancer
Krzysztof Piersiala, MD

1:24 pm

Laryngocele, Rethinking
the Prevalence by Exposing
Radiographic Mimickers
Guy Slonimsky, MD

1:30 pm

Discussion

1:40 pm

Daniel C Baker, MD Lecture
Mentoring in a Changing World
Gregory Postma, MD
Introduction:
C Blake Simpson, MD

Scientific Session VIII: More Lumps and Bumps

Moderators:

Natasha Mirza, MD
Stephanie Misono, MD, MPH

2:10 pm

Sulcus Vocalis: Results
of Excision without
Reconstruction
Katerina Andreadis, BA

2:16 pm

Recurrence of Benign
Phonotraumatic Vocal
Fold Lesions after
Microlaryngoscopy
Mark Lee, BS, BA

2:22 pm

The Role of Steroid Injection
for Vocal Fold Benign Lesions
in Professional Voice Users
Mohamed Al-Ali, MBBS

2:28 pm

Measuring Upper Aerodiges-
tive Tract Forces during Opera-
tive Laryngoscopy
Peter Kahng, BA

2:34 pm

Discussion

2:45 pm

Break with Exhibitors
LONE STAR BALLROOM

Scientific Session IX: The Whole Patient

Moderators:

Ted Mau, MD, PhD
Katherine C Yung, MD

3:15 pm

The Prevalence of Cognitive
Impairment in Laryngology
Treatment Seeking Patients
Andree-Anne Leclerc, MD

3:21 pm

Resident Research Award

Utility of Audiometry in
the Evaluation of Patients
Presenting with Dysphonia
Justin Ross, DO
Award Presentation:
C Blake Simpson, MD

3:27 pm

Validation of a Simplified
Patient-Reported Outcome
Measure for Voice
Matthew Naunheim, MD, MBA

3:33 pm

Mental Health and Dysphonia:
Which Comes First, and Does
That Change Care Utilization?
Victoria Jordan, MD

3:39 pm

Health Conditions Associated
with Chronic Voice Problems in
the United States
Aaron M Johnson, MM, PhD,
CCC-SLP

3:45 pm

Current Opioid Prescribing
Patterns after Microdirect
Laryngoscopy
Molly Naunheim Huston, MD

3:51 pm

Discussion

4:00 pm

Panel Discussion

Topic: Laryngeal Dysplasia
Moderator: Daniel Fink, MD
Panelists:
Andrew McWhorter, MD
Cesare Piazza, MD
Peak Woo, MD
Wendong Yu, MD
COLLABORATION WITH THE EUROPEAN
LARYNGOLOGICAL SOCIETY (ELS)

4:50 pm

Announcements
Lucian Sulica, MD

4:55 pm

Introduction of the 2020
President
C Blake Simpson, MD
Lucian Sulica, MD

5:00 pm

Adjournment

1:00 pm

ANS Business Meeting
(New Member Introductions)
Members Only

1:30 pm

ANS Scientific Program

Welcome and Opening
Remarks by the President
Barry E Hirsch, MD

1:30 pm

Presidential Citations

Eugene N Myers, MD
Jonas T Johnson, MD
Donald B Kameron, MD

1:42 pm

**William F House Memorial
Lecture**

Cortical Predictors of Language:
A Top-Down Exploration of
Pediatric Cochlear Implantation
Nancy M Young, MD
Lillian S Wells Professor of
Pediatric Otolaryngology
Northwestern University
Feinberg School of Medicine
Head, Section of Otology
& Neurotology, Division of
Otolaryngology
Ann & Robert H Lurie Children's
Hospital of Chicago

2:07 pm

Introduction
Outcomes in Cochlear
Implantation
Brandon Isaacson, MD

2:09 pm

Five Years of Electric-
Acoustic Stimulation (EAS)
Listening Experience: Hearing
Preservation and Benefits of
Acoustic Representation of the
Fundamental Frequency
Elizabeth Perkins, MD

2:16 pm

General Health Quality of Life
Instruments Underestimate
the Impact of Bilateral
Cochlear Implantation
Theodore R McRackan, MD,
MSCR

2:23 pm

Slim Perimodiolar Arrays are as
Effective as Slim Lateral Wall
Arrays for Functional Hearing
Preservation after Cochlear
Implantation
Erika A Woodson, MD

2:30 pm

Predicting Changes in Tinnitus
after Unilateral Cochlear
Implantation in Adults
Peter R Dixon, MD

2:37 pm

Cognitive Functions in
Adults Receiving Cochlear
Implants: Predictors of Speech
Recognition Outcomes and
Changes after Implantation
Aaron C Moberly, MD

2:44 pm

Discussion

2:47 pm

Break with Exhibitors
LONE STAR BALLROOM

3:15 pm

Introduction
Vestibular Schwannoma –
In Vivo and In Vitro
Mia E Miller, MD

3:17 pm

Preclinical Evaluation of
Compounds Targeting
Schwannoma in an NF2
Mouse Model
Charles W Yates, MD, MS

3:24 pm

Vestibular Schwannoma Tumor
Size is Correlated with Acute
Vestibular Symptoms after
Gamma Knife Therapy
Daniel Y Lee, BS

3:31 pm

Neurotology Fellow Award

What Genes Can Tell:
A Closer Look at Vestibular
Schwannoma
Ksenia A Aaron, MD

3:38 pm

Effects of Single-Fraction
Radiation on Merlin-Deficient
and Normal Schwann Cells in
Vitro
Erin R Cohen, MD

3:45 pm

Discussion/Introduction

3:50 pm

ANS Research Grant
Verbal Memory as Outcome
Predictor in Adults Receiving
Cochlear Implants
Michael S Harris, MD
Medical College of Wisconsin
ANS Research Grant recipient
2017-18

4:00 pm

Panel Introduction

4:02 pm

Panel

Meniere's Disease: What Do We
Know and What Don't We Know?
Moderator: Anil Lalwani, MD,
Panelists:
Greg J Basura, MD, PhD
Akira Ishiyama, MD
Michael J Ruckenstein, MD, MSc
Alec N Salt, PhD
Hinrich Staecker, MD, PhD
Andrea Vambutas, MD

5:00 pm

Announcement of ANS & AOS
Poster Winners
Craig A Buchman, MD – ANS
Education Director
Marlan R Hansen, MD – AOS
Education Director

5:05 pm

Closing Remarks/Adjourn
Barry E Hirsch, MD

5:30 pm

Combined Poster Session
GRIFFIN HALL

6:00 pm

WiN Reception (Women in
Neurotology)
Women Members, Trainees,
Residents, MS (business casual)
LEVEL 2, 203-204

7:00 pm

ANS 54th Annual President's
Reception
Members And Invited Guests
(business casual)
GRAND 2



FRIDAY, MAY 3

ASPO

LOCATION (unless otherwise noted): **GRAND 5**

GRAND 5

1:00 pm

Welcome & Presidential Citations

1:15 PM

KEY01: Kerschner Lecture

Substantive Equality + Culture = Indigenous Child Health
Cindy Blackstock, PhD

GS01: General Podium Session

2:05 pm

Multi-Institutional Validation of the Clinical Assessment Score -15 (CAS-15) for Pediatric Sleep-Disordered Breathing
Nira Goldstein, MD, MPH

2:12 pm

The Trach Safe Initiative: Impact on Mortality Using a Multi-Faceted Approach to Care for Pediatric Tracheotomy Patients
C Carrie Liu, MD, MPH

2:19 pm

Process Improvement Strategy to Implement an Outpatient Surgery Center Efficiency Model in an Academic Inpatient Setting
Michael Kubala, MD

2:26 pm

Q&A

2:35 pm

Break with Exhibitors
LONE STAR BALLROOM

3:05 pm

P01: Cotton-Fitton Reverse Panels on Topics in Complex Pediatric Otolaryngology, Part 1: Current Concepts and Controversies in Microtia and Canal Atresia

Moderator: Mai Thy Truong, MD

Panelists:

Kay Chang, MD
Siva Chinnadurai, MD
Yi-Chun Carol Liu, MD
David Zopf, MD

3:45 pm

P02: Cotton-Fitton Reverse Panels on Topics in Complex Pediatric Otolaryngology, Part 2: A Case-Oriented Update in Pediatric Voice Disorders

Moderator:

Joseph Dohar, MD, MS

Panelists:

Christopher Hartnick, MD, MS
Marshall Smith, MD

GS02: General Podium Session

4:25 pm

Use of the STBUR Questionnaire to Predict Perioperative Morbidity in Children
Javier Huerta, BS

4:32 pm

Medical Students Develop and Deliver Novel Tablet Audiometer-Based Hearing Assessments to Grade School Children in Canada
Matthew Bromwich, BSc

4:39 pm

Factors Associated with Distribution of Female Otolaryngology Residents and the Potential Impact of Female Faculty and Females in Leadership Positions
Anita Sulibhavi, BA

4:46 pm

Safety of Ambulatory Tonsillectomy for Children with Severe OSA without Risk Factors
Derek Kong, MD

4:53 pm

The Effect of Tongue-Tie Release on Speech Articulation and Intelligibility
Jonathan Melong, MD

5:00 pm

Q&A

5:30 pm

Combined Poster Reception
GRIFFIN HALL

FRIDAY, MAY 3



COSM

COMBINED
OTOLARYNGOLOGY
SPRING MEETINGS



WE THANK YOU!

COSM wishes to give special thanks and recognition to the exhibitors that have provided additional corporate support:

Arbor
Pharmaceuticals, Inc.

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e3 Diagnostics

Merck & Co., Inc.

Merck KGaA,
Darmstadt, Germany –
Pfizer Alliance

Novartis
Pharmaceuticals

OLYMPUS America Inc.

PENTAX Medical

Smith & Nephew

Teleflex

ZEISS

7:00 am

Business Meeting

Committee Reports
Members Only

7:30 am

ANS Scientific Program

Welcome & Opening Remarks
by the President
Barry E Hirsch, MD

7:33 am

Introduction

Inner Ear Physiology

Andrew A McCall, MD

7:35 am

The Role of The Spiral
Ligament in Sensorineural
Hearing Loss in Humans:
A Temporal Bone Study
Karen B Teufert, MD

7:42 am

Anatomical and Functional
Consequences of Microneedle
Perforation of Round Window
Membrane
Michelle Yu, BS

7:49 am

Trainee Award

Neurotrophin Signaling in
Various Degrees of Hearing
Loss Using MicroRNA
Perilymph Profiling
Matthew Shew, MD

7:56 am

Neurotology Fellow Award

Intratympanic Diltiazem-
Chitosan Hydrogel as a Novel
Otoprotectant Against
Cisplatin-Induced Ototoxicity in
a Mouse Model
James G Naples, MD

8:03 am

Neuroprotection of NIR Light
in An animal Model of Cochlear
Implantation
Arne Ernst, MD, PhD

8:10 am

Discussion/Introduction

8:15 am

ANS/AAO-HNSF Herbert Silverstein Research Award

Novel Neurotrophin-
Bisphosphonate Conjugates
to Promote Cochlear
Synaptogenesis

David H Jung, MD, PhD,
Massachusetts Eye and Ear
Infirmity/Harvard Medical
School, Silverstein Grant
recipient 2016-18

8:25 am

Introduction

COI, Active Bone Conduction, Cochlear Implant Interventions

Andrea Vambutas, MD

8:27 am

Evaluating the Industry
Relationships of Physicians
Presenting at the American
Neurotology Society Spring
Meetings

Milap H Desai, BS

8:34 am

Active Bone Conduction
Implants Improve Patient
Reported Outcomes Measures –
A 12-Month Prospective Study
Matthew G Crowson, MD

8:41 am

Subclinical Age-Related
Hearing Loss is Associated with
Cognitive Impairment
Justin S Golub, MD, MS

8:48 am

Impact of Auditory-Motor
Musical Training on Melodic
Pattern Recognition in
Cochlear Implant Users
Divya A Chari, MD

8:55 am

The Use of Artificial Intelligence
in Cochlear Implant
Programming
Susan B Waltzman, PhD

9:02 am

Intracochlear Pressure Tran-
sients During Cochlear Implant
Electrode Insertion: Effect of
Micro-Mechanical Control on
Limiting Pressure Trauma
Renee M Banakis Hartl, MD, AuD

9:09 am

Electrocochleographic
Patterns in Patients with
Sudden Sensorineural Hearing
Loss Undergoing Cochlear
Implantation

Michael S Harris, MD

9:16 am

Discussion

9:19 am

William E Hitselberger Memorial Lecture

Evolution of the Middle Fossa
Access for Skull Base Disorders
Bruce J Gantz, MD, Head,
Department of Otolaryngology -
Head and Neck Surgery, Brian
F McCabe Distinguished Chair
in Otolaryngology - Head and
Neck Surgery, Professor of
Otolaryngology & Neurosurgery,
University of Iowa

9:45 am

Break with Exhibitors
LONE STAR BALLROOM

10:15 am

Introduction
Facial Nerve, Vestibular
Schwanomma Investigations
Ana H Kim, MD

10:17 am

Transgenic Mouse Model for
Facial Nerve Synkinesis
Mostafa Ahmed, MD

10:24 am

Post Traumatic Complete Facial
Palsy: Comparative Analysis
of Outcomes of Conservative
Management vs Surgical
Exploration: A University Hospital
Study and Review of Literature
Diptarka Bhattacharyya, MD

10:31 am

Association Between Metformin
Usage and Tumor Growth Rate
in Vestibular Schwannoma
Patients
Austin Y Feng, MD

10:38 am

Delayed Tumor Growth in
Vestibular Schwannoma:
An Argument for Lifelong
Surveillance
Robert J Macielak, MD

10:45 am

Rate of Initial Hearing
Loss Predicts Risk of Non-
Serviceable Hearing Among
Observed Sporadic Vestibular
Schwannoma
Matthew L Carlson MD

10:52 am

Factors Associated with
Cranial Neuropathy Following
Gamma Knife for Vestibular
Schwannoma
David K Lerner, MD

10:59 am

Discussion/Introduction

11:05 am

Panel

Disorders of Intracranial
Pressure

Moderator: David S Haynes, MD
Panelists:
Paul A Gardner, MD
Matthew L Carlson, MD
Howard W Francis, MD
Ester X Vivas, MD

12:00 pm

Introduction of Incoming
President
Nikolas H Blevins, MD

12:05 pm

Closing Remarks/Adjourn



SATURDAY, MAY 4

ASPO

LOCATION (unless otherwise noted): **CONCURRENT 1: GRAND 5 | CONCURRENT 2: ROOM 301-302**

GRAND 5

7:45 am

ASPO Business Meeting

8:45 am

ASPO Awards Ceremony and New Member Welcome

9:10 am

KEY02: Bluestone Lecture

New Developments and Controversies in the Diagnosis and Treatment of CMV

Soren Gantt, MD, PhD, MPH

10:00 am

Break with Exhibitors
LONE STAR BALLROOM

CONCURRENT 1

GRAND 5

10:30 am

P03: How I Do It: Various Perspectives on Pediatric Hearing Loss Workup

Moderator: Yi-Chun C Liu, MD

Panelists:

Samantha Anne, MD

Michael Cohen, MD

Margaret Kenna, MD

Judith Lieu, MD

CONCURRENT 2

ROOM 301-302

10:30 am

P04: Grow Your Practice Part 1: Optimizing the Essential Role of Otolaryngology in the Cleft and Craniofacial Team

Moderator: Scott Rickert, MD

Panelists:

Brianne Roby, MD

Andrew Scott, MD

Kathleen Sie, MD

CONCURRENT 1

GRAND 5

CS01: Otology / Audiology

11:00 am

Vestibular and Balance Dysfunction Occurs in Childhood Cancer Survivors Who Have Received Ototoxic Therapies

Sunil Sharma, MBBS BSc (Hons) FRCS (ORL-HNS)

11:07 am

The Impact of Real-Ear to Coupler Difference (RECD)-Corrected Thresholds in Pediatric Otolaryngology: How Accurate are Standard Audiogram Thresholds?

Ayham Al-Afif, MD

11:14 am

Hearing Loss after Concussion in Children

Michaela Close, BS

11:21 am

Q&A

CONCURRENT 2

ROOM 301-302

11:00 am

P05: Grow Your Practice Part 2: Pediatric Thyroid Surgery: Multidisciplinary Teams and Optimizing Patient Outcomes

Moderator:

Jeffrey Rastatter, MD

Panelists:

Daniel Chelius, MD

Ken Kazahaya, MD

Sanjay Parikh, MD

Lourdes Quintanilla-Dieck, MD

CONCURRENT 1

GRAND 5

CS02: Rhinology

11:30 am

Utility of Second-Look Endoscopy and Postoperative Debridement after Functional Endoscopic Sinus Surgery in Pediatric Cystic Fibrosis Patients

Zachary Helmen, BBA

11:37 am

Pediatric Sinus Staging System

Katie Melder, MD

11:44 am

Olfaction, Gustation, Balance and Vestibular Function in Children with Primary Ciliary Dyskinesia

Faisal Zawawi, MD, MSc, FRCS

11:51 am

Q&A

CONCURRENT 2

ROOM 301-302

11:30 am

CS03: Head & Neck

11:30 am

Bilateral Selective Laryngeal Reinnervation for Bilateral Vocal Fold Paralysis in Children: Experience from Two Institutions

Janet Lee, MD

11:37 am

Selecting the Right Patient for the Right Treatment: Active Observation vs. Invasive Treatments for Pediatric Head and Neck Lymphatic Malformations

Juliana Bonilla-Velez, MD

11:44 am

Peri-Procedural Anticoagulation in Pediatric Patients with Head and Neck vs. Extremity Venous Malformations

Harish Dharmarajan, MD

11:51 am

Q&A

12:00 pm

Lunch with Exhibitors
LONE STAR BALLROOM

CONCURRENT 1

GRAND 5

1:00 pm

P06: Evaluation and Management of Facial Morphology and Dental Changes in Children with Upper Airway Obstruction

Moderator:

Cristina Baldassari, MD

Panelists:

David Darrow, DMD, MD

Scott Rickert, MD

John Wise, DMD

CONCURRENT 2

ROOM 301-302

1:00 pm

P07: Entrepreneurship: Partnering Academics, Industry and Innovation with Pearls and Lessons Learned

Moderator: Steve Goudy, MD

Panelists:

Eric Gantwerker, MD

Jeremy Prager, MD

Mike Rutter, MD

CONCURRENT 1

GRAND 5

CS04: Airway / Craniofacial

1:50 pm

Increased Risk of Velopharyngeal Dysfunction in Patients Undergoing Staged-Palate Repair

Hilary McCrary, MD, MPH

1:57 pm

Tracheal A-Frame Deformities Following Airway Reconstruction

Aimee Kennedy, MD

2:04 pm

Direct Laryngoscopy and Bronchoscopy Findings in Infants with Failure to Extubate

Mana Espahbodi, MD

SATURDAY, MAY 4

ASPO CONT.

LOCATION (unless otherwise noted): **CONCURRENT 1: GRAND 5 | CONCURRENT 2: ROOM 301-302**

2:11 pm

Carbon Dioxide Laser versus Cold-Steel Supraglottoplasty: A Comparison of Postoperative Outcomes

Jeffrey Yeung, MD, FRCSC

2:18 pm

Q&A

CONCURRENT 2

ROOM 301-302

CS05: Basic Science / General

1:50 pm

Weight Gain after Adenotonsillectomy is Not Associated with Increased N3 Sleep - Revisiting the CHAT Study

Thomas Chung, MD, MA

1:57 pm

PM2.5 Exposure Exacerbates Allergic Rhinitis in Mice by Increasing DNA Methylation in the IFN- γ Gene Promoter in CD4⁺T Cells through ERK-DNMT Pathway

Youjin Li, MD, PhD

2:04 pm

Investigation into the Genetic Basis of the Tracheal Cartilaginous Sleeve Formation Using Knock-In Mouse Models of Craniosynostosis Syndromes

C Carrie Liu, MD MPH

2:11 pm

RNA Sequencing for Target Genetic Markers in Pediatric Recurrent Respiratory Papillomatosis

David Lee, MD

2:18 pm

Q&A

2:30 pm

Break with Exhibitors
LONE STAR BALLROOM

CONCURRENT 1

GRAND 5

3:00 pm

P08: Multidisciplinary Approaches to the Active Larynx Before Open Airway Surgery

Moderator: Ian Jacobs, MD

Panelists:

Alexander Hillel, MD

Erik Hysinger, MD

Diego Preciado, MD

Rachel Rosen, MD

CONCURRENT 2

ROOM 301-302

CS06: Sleep Apnea and Tonsil Surgery

3:00 pm

Factors Affecting Emergence Time for Pediatric Ambulatory Adenotonsillectomy Surgery

Maegan Lu, BS

3:07 pm

Oral Dexamethasone Following Adenotonsillectomy-Outcome from a Randomized Control Trial

Ariana Greenwell, MD

3:14 pm

Impact of AAO-HNS Guideline on Obtaining Polysomnography Prior to Tonsillectomy for Pediatric Sleep-Disordered Breathing

Grace Banik, MD

3:21 pm

21 with Trisomy 21: An Update On Hypoglossal Nerve Stimulation in Adolescents with Down Syndrome and Obstructive Sleep Apnea

Christen Caloway, MD

3:28 pm

Alterations in Tolerogenic Antigen Presenting Cell Populations in Pediatric Patients with Obstructive Sleep Apnea

Matthew Gropler, MD

3:35 pm

Q&A

CONCURRENT 1

GRAND 5

QS01: Airway / Laryngology

3:50 pm

Office Based Lower Airway Endoscopy: Feasibility and Safety

Eulalia Amador, MD

3:54 pm

RNA Sequencing in Active and Quiescent Pediatric Respiratory Papillomatosis

Colin Fuller, MD, MS

3:58 pm

Distribution and Clinical Significance of Mast Cells in the Supraglottic Larynx of Children with Aerodigestive Disease

Ryan Belcher, MD

4:02 pm

Airway Endoscopy Findings Associated with Definitive Airway Surgery in Infants with Robin Sequence

Juliana Bonilla-Velez, MD

4:06 pm

Incidence and Management of Laryngomalacia in Patients with Pierre Robin Sequence

Anna Bakeman, MD

4:10 pm

Paradoxical Vocal Cord Motion (PVCM)

Nancy Bauman, MD

4:14 pm

Early Management of Type 1 Laryngeal Cleft Results in Better Swallowing Outcomes

Taylor Gilliland, MD

4:18 pm

Lateroabduction in Pediatric Bilateral Laryngeal Immobility

Duino Meucci, ENT Doctor

CONCURRENT 2

ROOM 301-302

QS02: General / Rhinology

3:50 pm

Trajectory of Ambulatory Blood Pressure after Adenotonsillectomy in Children with Obstructive Sleep Apnea: 3-Month vs. 6-Month Follow-Up

Wei-Chung Hsu, MD, PhD

3:54 pm

Opioid Stewardship for Pediatric Adenotonsillectomy: A Comprehensive Approach

Kris Jatana, MD

3:58 pm

Celecoxib for Pain Control after Tonsillectomy in Children: A Randomized Controlled Trial

John Germiller, MD, PhD

4:02 pm

Patterns of Dysphagia in Pediatric Down Syndrome Patients

Amit Narawane, BS, BA

4:06 pm

Obstructive Sleep Apnea in Infants and Toddlers with Down Syndrome

Christine Heubi, MD

4:10 pm

Prospective Analysis of Outcomes Following Pediatric Inferior Turbinate Reduction for Chronic Nasal Congestion

Rachel Whelan, MD

4:14 pm

Impact of Primary versus Revision Endoscopic Sinus Surgery for Pediatric Cystic Fibrosis on Growth Parameters of Nutritional Status and Lung Function

Ryan Little, MD



SATURDAY, MAY 4

ASPO CONT.

LOCATION (unless otherwise noted): **CONCURRENT 1: GRAND 5 | CONCURRENT 2: ROOM 301-302**

4:18 pm

The Microbiome of Pediatric Patients with Chronic Rhinosinusitis

Amanda Stapleton, MD

4:25 pm

VID: PedsVideoto

A series of short videos will be presented.

GRAND 5

5:00 pm

P09: ASPO / TRIO Collaborative Panel on Pediatric Dysphagia

Moderator: J Paul Willging, MD

Panelists:

Emily Boss, MD, MPH

Reza Rahbar, MD, DMD

Sanjay Parikh, MD

GRAND 5

7:00 pm

ASPO Banquet

MAGGIE MAE'S

TRIO

LOCATION (unless otherwise noted): **GRAND 6**

7:00 am

Business Meeting

(Triological Fellows only)

8:00 am

Announcements

8:05 am

Panel: Current Treatment Options for Facial Paralysis

J Madison Clark II, MD

Kofi D Boahene, MD

Nate Jowett, MD

Jennifer Kim, MD

Travis T Tollefson, MD, MPH

Facial Plastic/Reconstructive Surgery

Session Moderators:

Robert H Deeb, MD

Mark A Varvares, MD

8:50 am

The Septal Swell Body and Septal Perforation Repair

Saba Ghorab, MD

8:55 am

Free Functional Gracilis Flaps for Facial Reanimation in Seniors

Andrew H Lee, MD

9:00 am

The Bernoulli Obstruction Theory: A Possible Explanation for Septoplasty Failure Rates

David A Campbell, MD

Robert H Deeb, MD

Mark A Varvares, MD

9:05 am

Body Dysmorphic Disorder in Adult Cleft Patients: An Unseen Psychological Burden of Orofacial Clefts

Eva J Stein, BS

Laryngology/Bronchoesophagology

Session Moderators:

Paul C Bryson, MD

Nausheen Jamal,, MD

9:15 am

Assessment of Fiberoptic Endoscopic Evaluation of Swallowing (FEES) Findings in Individuals with Zenker's Diverticulum and Cricopharyngeal Bar

Sunil P Verma, MD

9:20 am

The Safety and Efficacy of Open Bedside Tracheotomy (OBT): A Retrospective Analysis of 1000 Patients

David Z Liao, MD

9:25 am

Early Endoscopic Intervention for the Treatment of Acute Laryngeal Injury and Laryngotracheal Stenosis

Anne S Lowery, BA

9:30 am

Adult Epiglottitis: Trends and Predictors of Mortality in Over 30,000 Cases from 2007 to 2014

Jonathan M Hanna, BS

9:35 am

Q&A

9:40 am

Feasibility of Early Discharge after Open Hypopharyngeal Surgery

Jena C Patel, BS

9:45 am

Factors Associated with Failure of Electromyography Guided Botox Injection in Adductor Spasmodic Dysphonia

Kevin Y H Zhao, MD

9:50 am

Superior Laryngeal Nerve Block for Neurogenic Cough

Vaninder K Dhillon, MD

9:55 am

Emergent Surgical Airways in Residency: An Assessment of Competence and a Teaching Model

Sarah Khayat, MD

10:00 am

Q&A

10:05 am

Break with Exhibitors
LONE STAR BALLROOM

Allergy/Rhinology

Session Moderators:

Murugappan Ramanathan, MD

Elie E Rebeiz, MD

10:35 am

Panel: New Biologics for CRS

Jean Kim, MD, PhD

Joseph K Han, MD

Timothy L Smith, MD, MPH

Michael G Stewart, MD, MPH

Erica R Thaler, MD

11:20 am

Comparison of Eosinophilic/Noneosinophilic Inflammation in Chronic Rhinosinusitis with Nasal Polyps between Patients by Generations

Yasuyuki Noyama, MD, PhD

11:25 am

Comparison between Steroid Eluting Implants versus Nonabsorbable Packing as Middle Meatal Spacers Following Endoscopic Sinus Surgery: A Prospective Randomized Trial

Jordan W Rawl, MD

11:30 am

Risk Factors Associated with Increased Opioid Use Following Endoscopic Sinus Surgery

Ido Badash, BA

TRIO CONT.

LOCATION (unless otherwise noted): **GRAND 6**

11:35 am

Failure Pressure of Dural Repairs Using a Novel Reconstruction with Titanium Clips in a Porcine Ex Vivo Model
Kevin T Chorath, BS

11:40 am

Turbinate Grafts for Reconstruction of Sellar Defects
Tara J Wu, MD

11:45 am

Sinonasal Quality of Life Declines in Cystic Fibrosis Patients with Pulmonary Exacerbations
Chetan Y Safi, MD

11:50 am

Workforce Analysis of Practicing Rhinologists in the United States
Thomas Edward Heineman, MD

11:55 am

Q&A

12:00 pm

Lunch with Exhibitors
LONE STAR BALLROOM

General Session

1:00 pm

Panel: Otolaryngology Education from Medical School Through MOC

Liana Puscas, MD, MHS, MA
Brian Nussenbaum, MD
Richard V Smith, MD
Gregory J Wiet, MD

General Session

Session Moderators:

Nasir I Bhatti, MD
Susan R Cordes, MD

1:55 pm

The Inclusion of C1 Does Not Influence Outcomes in Upper Airway Stimulation for Treatment of Obstructive Sleep Apnea
Ayan T Kumar, BS

2:00 pm

Impact of PGY1 Boot Camp on Procedural Skill Development
Scott W Gorthey, MD
Nasir I Bhatti, MD
Susan R Cordes, MD

2:05 pm

Factors Correlating to Burnout Among Otolaryngology Residents
Leighton F Reed, BS

2:10 pm

Evaluation of Drug Induced Sleep Endoscopy (DISE) Performed in an Outpatient Endoscopy Suite
Shabnam Ghazizadeh, MD

2:15 pm

The Efficacy of Surgical Management for Upper Airway Resistance Syndrome: A Systematic Review and Case Series
Lucas D Harless, MD

2:20 pm

Does Insurance Status Impact Delivery of Care with Upper Airway Stimulation for Obstructive Sleep Apnea?
Jena C Patel, BS

2:25 pm

Resident Physician Burnout and Well Being: One Intervention and Its Impact
Kristin L Stevens, MD

2:30 pm

Q&A

2:35 pm

Break with Exhibitors
LONE STAR BALLROOM

3:05 pm

Panel: State of the Art Diagnosis and Management of Congenital Hearing Loss
John P Bent III, MD
Matthew L Bush, MD, PhD
John H Greinwald Jr, MD
Judith EC Lieu, MD, MSPH
Blake C Papsin, MD

Clinical Fundamentals & General

Session Moderators:

Stacey T Gray, MD
Todd T Kingdom, MD

3:55 pm

Designing a Resident Led Otolaryngology Clinic Curriculum at a Community Health Center for Underserved Patients: An Initial Experience
Christopher D Vuong, MD

4:00 pm

Evaluating Gender Parity in Operative Experience for Otolaryngology Residencies in the United States
Richard K Gurgel, MD
Stacey T Gray, MD
Todd T Kingdom, MD

4:05 pm

Hypertension Associated with Epistaxis in U.S. Hospital Population
James H Wilson, MChem

4:10 pm

Factors Influencing Medical Student Choice of Otolaryngology: What Impacts Their Decision
Leila J Mady, MD, PhD, MPH

4:15 pm

Gender Trends in Authorship of Original Otolaryngology Publications: A Fifteen Year Perspective
Annie E Arrighi-Allisan, BA

4:20 pm

Q&A

4:25 pm

Improving Inpatient Resident Hand-Offs and Transitions of Care with an Automated Tool for Computer Generated Patient Lists
Austin N DeHart, MD

4:30 pm

Otolaryngology Departmental Education and Standardized Guidelines Decrease Number and Amount of Opioid Prescriptions
Katherine A Lees, MD

4:35 pm

Retrospective Severity Analysis of Facial Fractures at an Urban Level I Trauma Center from 2008-2017
Bianca Georgakopoulos, BS

4:40 pm

Building an Otoscopic Screening Tool Using Deep Learning Image Recognition
Devon M Livingstone, MD

4:45 pm

ENT Mentorship Program for Preclinical Medical Students
Rishabh Sethia, MD

4:50 pm

Q&A

4:55 pm

Introduction of President-Elect, C Gaelyn Garrett, MD
Sigsbee W Duck, MD

5:00 pm

P09: ASPO / TRIO Collaborative Panel on Pediatric Dysphagia

Moderator: J Paul Willging, MD
GRAND 5

5:00 pm

Adjourn



SATURDAY, MAY 4

AOS

LOCATION (unless otherwise noted): **GRAND 7-8**

1:00 pm

Business Meeting

New Member Introductions
(Members Only)

1:20 pm

Scientific Program

Welcome & Opening Remarks
by the President
Carol A Bauer, MD

1:20 pm

Presidential Citations

Herman A Jenkins, MD
Miriam I Redleaf, MD
Debara L Tucci, MD
Horst R Konrad, MD

1:30 pm

Guest of Honor Lecture

Age-Related Hearing Loss:
Translation from Animals
Models to Human Hearing
Judy R Dubno, PhD
Department of Otolaryngology –
Head and Neck Surgery
Medical University of South
Carolina

1:55 pm

Introduction

1:56 pm

Effect of Vitamin D Deficiency
and Rickets on Hearing Loss in
Children
Charmee H Mehta, BSPH

2:03 pm

Factors Influencing Duration of
Hearing Loss Prior to Cochlear
Implantation

James R Dornhoffer, MD

2:10 pm

Systematic Review and
Network Meta-Analysis of
Cognitive and/ or Behavioral
Therapies (CBT) for Tinnitus
Evie C Landry, DSS, MD, MSc

2:17 pm

Effect of Malnutrition on
Hearing Loss in Children
Michaela F Close, BS

2:24 pm

Discussion

2:30 pm

Saumil N Merchant Memorial Lecture

Say What? Brief Periods of
Hearing Loss During Early
Development Can Have
Consequences Later in Life
Daniel J Tollin, PhD
Department of Physiology and
Biophysics
University of Colorado School
of Medicine

2:55 pm

Break with Exhibitors
LONE STAR BALLROOM

3:25 pm

Polymorphisms in NLRP3
Inflammasome May Increase
Host Susceptibility to Acquired
Cholesteatoma

Neel R Sangal, BA

3:32 pm

Change in Eustachian Tube
Function with Balloon Dilation
Cuneyt M Alper, MD

3:39 pm

Balloon Dilation for Eustachian
Tube Dilatory Dysfunction in
Children
Joonas Toivonen, MD

3:46 pm

Toll-Like Receptor 4 Signaling
and Downstream Neutrophilic
Inflammation Mediate
Endotoxemia-Enhanced
Blood-Labyrinth Barrier
Trafficking
Zachary D Urdang, PhD

3:53 pm

Quinolone Ear Drops Cause
Perforations in Intact Rat
Tympanic Membranes
Carolyn O Dirain, PhD

4:00 pm

Discussion

4:05 pm

Panel

Pediatric Mild and Unilateral
Hearing Loss: New Data
Moderator: Karen J Enright,
MD, PhD
Panelists:
Samantha Anne, MD, MS
David Friedmann, MD
Judith Lieu, MD, MSPH

5:00 pm

Discussion

5:10 pm

Closing Remarks/Adjourn
Carol A Bauer, MD

5:15 pm

AOS Member Photo
GRAND BALLROOM AREA - LEVEL 4

6:30 pm – 7:15 pm

AOS President's Reception
Cocktail Hour
GRAND 1-3 FOYER

7:15 pm – 10:30 pm

AOS 152nd Annual President's
Banquet
Dinner/Dance
GRAND 1-3

7:00 am

Business Meeting

Committee/Treasurer Reports
(Members Only)

7:30 am

Scientific Program

Welcome & Opening Remarks
by the President

Carol A Bauer, MD

7:35 am

Results from a Second-
Generation Vestibular Implant
in Human Subjects: Diagnosis
May Impact Electrical Sensitivity
of Vestibular Afferents

Jay T Rubinstein, MD, PhD

7:42 am

Vestibular End Organ
Preservation in the Implanted
Cochlea

Brooke M Su, MD, MPH

7:49 am

Quantification of Cognitive
Dysfunction in Dizzy Patients
using the Neuropsychological
Vertigo Inventory

Yuan F Liu, MD

7:56 am

A Cohort Study Comparing
Importance of Clinical Factors
in Determining Diagnosis
and Treatment for Superior
Semicircular Canal Dehiscence
Syndrome

Lisa Zhang, BS, BA

8:03 am

The cVEMP as a Prognostic
Tool for Development of
Bilateral Meniere's Disease

Kimberley S Noij, MD

8:10 am

Imaging is Not Indicated in
the Investigation of Isolated
Objective Vestibular Weakness

Deanna Gigliotti, MSc

8:17 am

Discussion

8:25 am

AOS Clinician Scientist Award Presentation

Hearing Loss and Dementia:
Where Are We Now?

Richard K Gurgel, MD
University of Utah

8:40 am

Impact of Underlying Diagnosis
on Speech and Quality of Life
Outcomes after Cochlear
Implantation for Single-Sided
Deafness

Tiffany Peng, MD (Primary)
Joshua J Sturm, MD, PhD
(Presenter)

8:47 am

Prevalence of Xerostomia
Among Cochlear Implant
Recipients - A Cross-Sectional
Survey

Heather M Weinreich, MD, MPH

8:54 am

Identifying Disadvantaged
Groups for Cochlear
Implantation: Demographics
from a Large Cochlear Implant
Program

Natalie Schauwecker, BBA, BS

9:01 am

Lateral Wall Electrodes
Increase the Rate of Post-
Activation Non-Auditory
Percepts

Adam C Kaufman, MD, PhD

9:08 am

Cochlear Implantation with a
Slim, Modiolar Array

Jonathan L McJunkin, MD

9:15 am

Controlled Microperforation
of Human Round Window
Membrane in Situ

Harry Chiang, BA

9:22 am

Discussion

9:28 am

Break with Exhibitors
GRAND FOYER

9:50 am

Regular Wave Patterns
on Ambient Pressure
Tympanometry in Patients with
Pulsatile Tinnitus-associated
Pathologies

Anthony Thai, BA

9:57 am

Assessment of Hearing-Aid
Benefit through Patient-
Reported Outcomes

James R Dornhoffer, MD

10:04 am

Resident Research Travel Award

Immune Response of
Macrophage Population to
Cochlear Implantation

Kathryn Y Noonan, MD

10:11 am

The Future of Cochlear Implant

Juichi Ito, MD, PhD

10:18 am

Evaluation of Intracochlear
Trauma with Manual and
Robotic-assisted Cochlear
Implant Insertion

Christopher R Kaufmann, MD

10:25 am

Effect of Laser Stapedotomy
on Intracochlear Pressure
Measurements

Emily S Misch, MD

10:32 am

Resident Research Travel Award

Utility of Perilymph microRNA
Sampling for Identification
of Active Gene Expression
Pathways in Otosclerosis

Helena Wichova, MD

10:39 am

Discussion

10:50 am

Panel

Looking Through the rEARview
Mirror: Unexpected Challenges
in Endoscopic Ear Surgery

Moderator: Maura K Cosetti, MD

Panelists:

Alicia M Quesnel, MD
Alejandro Rivas, MD
Brandon Isaacson, MD
Erika A Woodson, MD

11:50 am

Discussion/Comments

12:00 pm

Introduction of Incoming
President

John P Carey, MD

12:05 pm

Closing Remarks/Adjourn

Carol A Bauer, MD



SUNDAY, MAY 5

ASPO

LOCATION (unless otherwise noted): **CONCURRENT 1: GRAND 5** | **CONCURRENT 2: GRAND 6**

6:30 am

ASPO Fun Run
JW MARRIOTT LOBBY

7:15 am

Continental Breakfast
with Mentorship Breakout
Discussion
GRAND 5 FOYER

8:00 am

P10: Richard Rosenfeld
Panel: Resilience in Pediatric
Otolaryngology

Moderator: Neha Patel, MD
Panelists:
Andy Inglis, MD
Richard Rosenfeld, MD
Mike Rutter, MD
Robert Ward, MD
GRAND 5

CONCURRENT 1

GRAND 5

CS07: Audiology /
Otology

8:55 am

Outcomes of Audiometric
Testing in Patients with
Auditory Neuropathy
Spectrum Disorder
Joseph Meleca, MD

9:03 am

Natural History of Hearing and
Developmental Outcomes
Among Children with
Asymptomatic Congenital
Cytomegalovirus
Patricia Purcell, MD, MPH

9:10 am

Bone Conduction Treatment
Options in Pediatric Unilateral
Hearing Loss: A Comparison of
Quality of Life and Audiologic
Outcomes
Austin DeHart, MD

9:17 am

Fatigue in Children with
Unilateral Hearing Loss
Delaney Carpenter, MD
Sampat Sindhar, BS

9:24 am

Underinsurance in Children
Is Associated with Worsened
Quality of Life After Cochlear
Implantation
Apurva Nidgundi Dev

9:31 am

Q&A

CONCURRENT 2

GRAND 6

CS08: Airway / General

8:55 am

Recurrent Laryngeal Nerve
Monitoring During Thyroid
Surgery in Children Using
Adhesive and Integrated
Electrodes
Evan Propst, MD, MSc, FRCSC

9:03 am

Static Endoscopic Evaluation of
Swallowing in Children
Douglas Sidell, MD

9:10 am

Side Effects and Complications
of Injection Laryngoplasty
for Treatment of Congenital
Laryngeal Clefts
Fatemeh Ramazani, BMSc

9:17 am

Drug-Induced Sleep
Endoscopy Findings in Obese
vs. Non-Obese Children with
Obstructive Sleep Apnea
Sarah Lookabaugh, MD

9:24 am

National Button Battery Task
Force Update: New Practice
Guidelines
Kris Jatana, MD

9:31 am

Q&A

9:45 am

Break with Exhibitors
GRAND FOYER

CONCURRENT 1

GRAND 5

10:05 am

P11: Management of
Retraction Pockets and Early
Cholesteatoma in Children:
When, How, and with What?

Moderator: Carol MacArthur, MD
Panelists:
Michael Cohen, MD
Stephen Hoff, MD
David Horn, MD
Adrian James, MD

CONCURRENT 2

GRAND 6

10:05 am

P12: Hot Topics in Pediatric
Otolaryngology Part 1:
Fighting the Opioid Epidemic

Moderator: Paul Krakovitz, MD
Panelists:
Lauren Kilpatrick, MD
Jeremy Meier, MD
David White, MD

10:30 am

P13: Hot Topics in Pediatric
Otolaryngology Part 2:
Standardizing Quality
and Outcomes in Post-
Tonsillectomy Pain
Management: Report from
the ASPO Quality & Safety
Committee

Moderator: Henry Milczuk, MD
Panelists:
Ellis Arjmand, MD
Norman Friedman, MD
Kris Jatana, MD
Romaine Johnson, MD

CONCURRENT 1

GRAND 5

QS03: Otology, Head &
Neck, Craniofacial

10:55 am

Intranasal Dexmedetomidine:
A New Tool for Sedation
in Children with Autism
Undergoing Audiometry
Brainstem Response
Carolina Grau, MD

10:59 am

Does Hyaluronic Acid Improve
Healthcare Utilization in Fat
Graft Myringoplasty?
Margaret Teets, BS

11:03 am

Identification of Barriers to
Access for Pediatric Hearing
Aids
Lisa Zhang, BS, BA

11:07 am

Efficacy of Tablet Audiometry
for Screening Pediatric Hearing
Loss 507 Patient Study
Ann Smith, MD

11:11 am

Trends of Pediatric Cochlear
Implantation: Inpatient versus
Outpatient
Nour Bundogji, BA

11:15 am

English as a Second Language
May Impact Expressive
Language Development
Among Pediatric Cochlear
Implant Recipients
Apurva Nidgundi Dev

11:19 am

Auditory Testing Outcomes
with Hearing Aids in Patients
with Auditory Neuropathy
Spectrum Disorder
Swathi Appachi, MD

11:23 am

Assessing Angular Insertion
Depth of Cochlear Implant
Electrode Arrays in Infants
and Children Using X-Ray:
Feasibility and Interrater
Reliability
Anisha Noble, MD, MS

ASPO CONT.

LOCATION (unless otherwise noted): **CONCURRENT 1: GRAND 5 | CONCURRENT 2: GRAND 6**

11:27 am

When is the Ideal Time to Couple the Sound Processor for Pediatric Bone Anchored Hearing Implant Recipients? The Answer Using Intra-Operative Resonance Frequency Analysis

Rachel Smith, MD

11:31 am

Deep Targeted Sequencing of PIK3CA in Isolated Lymphatic Malformations and Phenotype Correlations

Kaitlyn Zenner, MD

11:35 am

Acetylsalicylic Acid Suppression of PIK3CA Pathway as a Novel Medical Therapy for Head and Neck Lymphatic Malformations

Juliana Bonilla-Velez, MD

11:39 am

Clinical Importance of Lymphocytopenia in Patients with Head and Neck Lymphatic Malformations

Rachel Whelan, MD

11:43 am

Facial Nerve Branching Patterns Vary with Type of Vascular Anomaly

Lingga Adidharma, BS

11:47 am

Upper Airway Resistance in Healthy vs Cleft Lip and Palate Children

Jacob Thurston, BS

11:51 am

Spanish Translation and Validation of a Velopharyngeal Insufficiency Quality of Life Instrument

Jonathan Skirko, MD, MHPA, MPH

11:55 am

Facial Morphology in Pediatric Patients: A Comparison of Patients at Risk for Sleep-Related Breathing Disorders Utilizing 3D Imaging

Alice Liu

CONCURRENT 2

GRAND 6

QS04: Outcomes, Quality & Safety, Health Policy, Innovations

10:55 am

Diagnostic Utility of Fiberoptic Nasopharyngolaryngoscopy Recorded onto a Smartphone

Lauren Miller, MD, MBA

10:59 am

Use of a Smart Phone Application Improves Pre-Operative Communication at a Pediatric Ambulatory Surgery Center

David Leonard, MBBCh

11:03 am

It Takes a Village: Improving Tracheostomy Related Airway Complications Following Initiation of a Standardized Tracheostomy Educational Protocol

Matthew Smith, MD

11:07 am

What We Say Is Not Always What They Hear: A Mixed Methods Analysis of Surgeon Information-Sharing and Parent Engagement and Knowledge

Janine Amos, DO

11:11 am

Socio-Economic Variables as a Predictor of Indication for Pediatric Adenotonsillectomy

Anthony Cheung, BA

11:15 am

Race and Postoperative Morbidity in Pediatric Otolaryngology

Phayvanh Sjogren, MD

11:19 am

Evaluating the National Surgical Quality Improvement Program-Pediatric Surgical Risk Calculator in Pediatric Airway Surgery

Alexander Schneider, MD

11:23 am

Early Serial Surveillance Endoscopy after Tracheotomy Placement in Children: Unexpected Adverse Findings and Interventions

C Carrie Liu, MD MPH

11:27 am

Demographic Trends and Complications in a Pediatric Tracheostomy Population

Katie Melder, MD

11:31 am

Effect of a Low Fidelity Educational Intervention on Inconsistent and Excessive Opioid Prescribing After Pediatric Tonsillectomy

Joshua Horton, MD

11:35 am

Time-Driven Activity-Based Costing for Pediatric Laryngotracheal Reconstruction

Alisa Yamasaki, MD

11:39 am

Development of a Competency-Based Assessment Tool for Rigid Esophagoscopy with Foreign Body Removal: A Modified Delphi Consensus Process

Erynne Faucett, MD

11:43 am

Comparing Operating Room Efficiency in Children Undergoing Adenotonsillectomy with Traditional Endotracheal Intubation versus Laryngeal Mask Airway and Stretcher Utilization

Arturo Eguia, MD

11:47 am

Point of Care Clinician Performed Laryngeal Ultrasound and Pediatric Vocal Fold Movement Impairment

Julina Ongkasuwan, MD

11:51 am

Designing a Novel Tracheostomy Tube for a Child with Tracheal Agensis

Michael McCormick, MD

11:55 am

Pediatric Thoracic Esophageal Diverticula: A Tale of Surgical Resourcefulness

Hillary Newsome, MD

12:00 pm

Adjourn



FIRST COMBINED POSTERS

AAFPRS • ALA • ABEA • AHNS

FIRST COMBINED POSTER RECEPTION: THURSDAY, MAY 2, 5:30 PM – 7:00 PM • GRIFFIN HALL

AAFPRS POSTERS

FIRST COMBINED POSTERS: AAFPRES • ALA • ABEA • AHNS

- | | | |
|--|---|---|
| <p>A001 Physiologic Effects of Midvault Repair Techniques in Rhinoplasty Using Computational Fluid Dynamics
Yash J Avashia, MD</p> <p>A002 Use of a Hair-Bearing Bipedicled Temporoparietal Fascial Flap for Reconstruction of the Lower Lip
Nicole Craker, MD</p> <p>A003 Cutaneous Auto Flap Closure for Large, Obstructive Rhinophyma
Steven Curti, MD</p> <p>A004 Immediate Reconstruction of Facial Dog Bite Injuries: Case Series and Review of Literature
Raj D Dedhia, MD</p> <p>A005 Assessing the Educational Quality of 'YouTube' Videos for Facelifts
Adeeb Derakhshan, MD</p> <p>A006 Using Ultrasound to Evaluate Nasal Septal Cartilage
Issam Eid, MD</p> <p>A007 Trends in Management of Concurrent Orbital Floor Repair with Zygomaticomaxillary Complex Fractures
John Flynn, MD</p> <p>A008 Return to Play after Facial Fractures in the Professional Athlete: A Case Study
Nikolaus Hjelm, MD</p> <p>A009 Thermal Imaging as a Potential Measure of Nasal Airflow: A Pilot Study
Sydney T Jiang, MD</p> <p>A010 Analysis of Forehead and Midface Reconstruction of Functional Deficits
Jared A Johnson, MD</p> <p>A011 Costal Graft and Fasciocutaneous Free Flap for Composite Oral Cavity Reconstruction
Jeffrey D Johnson, MD</p> | <p>A012 Maxillofacial Reconstruction Using a Customized Polyetheretherketone (PEEK) Implant after a GSW
Peter S Karempeles, MD</p> <p>A013 Nasal Dermoid Cyst Excision with a Lateral Rhinotomy Approach Through the Nasal Alar Sulcus
John W Lally, MD</p> <p>A014 Post-Rhinoplasty Opioid Prescription Patterns and Perspectives Among Facial Plastic Surgeons
Marc Levin, MD</p> <p>A015 Objectively Measuring Observer Attention on the Aging Face Before and After Face-lift
David Liao</p> <p>A016 Factors Important in Facial Plastic and Reconstructive Survey Fellowship Program Selection
Kirkland N Lozada, MD</p> <p>A017 Orbital Roof Fractures: An Evidence Based Approach
Jordyn P Lucas, MD</p> <p>A018 Injectable Filler Techniques to Optimize Facial Volumization Results
Anita Mandal, MD</p> <p>A019 Outcomes of Nasal Septal Perforation Repair Using Combined TPF Graft and PDS Construct
Justin Morse, MD</p> <p>A020 Simultaneous Quadruple Nerve Transfer for Independent Zonal Facial Reanimation for Facial Paralysis
Celeste Z Nagy, MD</p> <p>A021 Predictors of Cosmetic Adjunctive Procedures Following Mohs Micrographic Surgery Repair
Ade Obayemi, MD</p> <p>A022 Bibliometric Analysis of Facial Feminization Surgery Publications
Adrian A Ong, MD</p> | <p>A023 Nasal Obstruction Symptomatic Evaluation (NOSE) Outcomes of Rhinoplasty with Composite Grafts
Neela Rao, MD</p> <p>A024 Search Engine Optimization and Improving Facial Plastic Surgeons Website Traffic
Hani Rayess, MD</p> <p>A025 Resource Utilization and Management for Secondary Triage of Isolated Facial Trauma
Amrita Ray, MD</p> <p>A026 The Effect of Marketing on Patient Preferences for Facial Injectables
Amrita Ray, MD</p> <p>A027 Improving Smile Symmetry with Lower Facial Botulinum Toxin Injections in Nonflaccid Facial Paralysis
Diana Shao</p> <p>A028 Live Telelecture Educational Series in FPRS: Bridging the Geographic and Knowledge Gap
Giriraj K Sharma, MD</p> <p>A029 Botulinum Toxin Therapy for Treatment of Intractable Headaches after Lateral Skull Base Surgery
Justin R Shinn, MD</p> <p>A030 Technique and Outcomes of Delayed Telecanthus Repair
Joel J Stanek, MD</p> <p>A031 Nasal Surgery and Obstructive Sleep Apnea
Omotara Sulyman, MD</p> <p>A032 Angiogenic Effects of Hedgehog Signaling in Facial Nerve-Derived Fibroblasts
Michelle Zhang</p> |
|--|---|---|

ALA POSTERS

- B001** A Case of Laryngeal Injury after Gunshot to Left Temple
Abhay Sharma, MD
- B002** A Case Series of Posterior Glottic Stenosis Type I
Nima Vahidi, MD
- B003** A Novel Approach for Treating Vocal Fold Mucus Retention Cysts: Awake KTP Laser Assisted Cyst Drainage and Marsupialization
William Z Gao, MD
- B004** A Novel, Simple, Surgical Technique for Endoscopic Laryngeal Suturing and Securing Laryngeal Subglottic and Tracheal Stents
Edward Westfall, MD
- B005** A Recipe for a Successful Awake Tracheostomy
Shayanne A Lajud, MD
- B006** A Unique Presentation and Etiology of Paradoxical Vocal Fold Motion
Matt Purkey, MD
- B007** Acute Airway Obstruction from Rapidly Enlarging Reactive Myofibroblastic Lesion of the Larynx – Limitations of In-Office Treatment
Yin Yiu, MD
- B008** Adult Laryngeal Trauma in United States Emergency Departments
Elisa Berson, MD
- B009** Airway Obstruction Caused by Redundant Postcricoid and Aryepiglottic (AE) Mucosa in Patients with Obstructive Sleep Apnea (OSA): Cases Series and Review of the Literature
Jee-Hong Kim, MD
- B010** An Updated Approach to In-Office Balloon Dilation for Nasopharyngeal Stenosis: A Case Report
Jeffrey Straub, MD
- B011** Bilateral Type I Laryngoplasty for Presbylaryngis: Assessing the Depth and Location of Medialization
Sara Tittman, MD
- B012** Botulinum Toxin A (BoNT-A) for the Treatment of Motor and Phoniatrics
Nikita Kohli, MD
- B013** WITHDRAWN
- B014** Contribution of Voice-Specific Health Status on General Quality of Life
Elliana Kirsh, BM, BS
- B015** Cricoarytenoid Joint Abscess Associated with Rheumatoid Arthritis
Megan Foggia, MD
- B016** Delayed Laryngeal Implant Infection and Laryngocutaneous Fistula: A Rare Complication after Medialization Laryngoplasty
Joseph Meleca, MD
- B017** Development of an In Vitro Model of Rat Vocal Fold Epithelium
Keisuke Kojima, MD
- B018** Endoscopic Lateralization of the Vocal Fold
Ihab Atallah, MD, PhD
- B019** Exercise-Induced Vocal Fold Dysfunction: A Quality Initiative to Improve Timely Assessment and Appropriate Management
Emma Campisi
- B020** False Vocal Fold (FVF) Botulinum Toxin Injection for Central Nervous System (CNS) Related Supraglottic Spasticity Causing Severe Vocal Strain: A Preliminary Study
Victoria Yu, BA, National Spasmodic Dysphonia Association Travel Scholarship
- B021** Flexible vs. Rigid Laryngoscopy: A Randomized Crossover Study Comparing Patient Experience
Bhavishya Clark, MD
- B022** Gold Laser Removal of a Large Ductal Cyst on the Laryngeal Surface of the Epiglottis
Pranati Pillutia, BS
- B023** Hematologic Malignancies of the Larynx: A Single Institution Review
Karuna Dewan, MD
- B024** Implementing Efficient Peptoid-Mediated Delivery of RNA-Based Therapeutics to the Vocal Folds
Shigeyuki Mukudai, MD, PhD
- B025** WITHDRAWN
- B026** Injection Laryngoplasty as a New Treatment for Recalcitrant Muscle Tension Dysphonia: Preliminary Findings
Daniel Novakovic, MPH, MBBS
- B027** Interarytenoid Botulinum Toxin: A Injection for the Treatment of Vocal Process Granuloma
Elie Khalifee, MD
- B028** WITHDRAWN
- B029** Is Nasogastric Tube Feeding Necessary after Surgery for Hypopharyngeal Diverticula?
Alisa Zhukhovitskaya, MD
- B030** Laryngeal and Airway Surgery Under Apneic and Intermittent Apneic Anesthesia
Mausumi Syamal, MD
- B031** Mycosis Fungoides of the True Vocal Folds
Jesse R Qualliotine, MD
- B032** Non-Caseating Granulomatous Disease of the Paraglottic Space: A Case of Laryngeal Sarcoidosis
William Tierney, MD, MS
- B033** Adductor Spasmodic Dysphonia Severity Measurements Utilizing Laryngeal Image Analysis
Yue Ma, MD
- B034** Office-Based Percutaneous Injection Laryngoplasty with Calcium Hydroxylapatite: A 10-Year Experience
Minhyung Lee, MD
- B035** Pediatric Tracheostomy in Infants: Based on 8 years of Experience at a Pediatric Tertiary Center in South Korea
Eui-Suk Sung, MD
- B036** Post-Operative Complications in Obese Patients after Tracheostomy
Shelby Barrera, BS
- B037** Presence of Augmentation Material Does Not Impact Interpretation of Laryngeal Electromyography
Libby J Smith, DO
- B038** Prevalence, Incidence, and Characteristics of Dysphagia in Those with Unilateral Vocal Fold Paralysis
Benjamin Schiedermayer, MS
- B039** Prognostic Role of Singular Lymph-Node Level Involvement in Patients with Laryngeal Cancer
Jingfeng Liang, BA
- B040** Rare Extrusion of Silastic Block after Type 1 Thyroplasty after Glomus Vagale Excision
Lara Reichert, MPH, MD
- B041** RAT Recurrent Laryngeal Nerve Regeneration Using Self-Assembling Peptide Hydrogel
Masayoshi Yoshimatsu, MD
- B042** Results of the Adhere Upper Airway Stimulation Registry and Predictors of Therapy Efficacy
Erica Thaler, MD



FIRST COMBINED POSTERS

AAFPRS • ALA • ABEA • AHNS

FIRST COMBINED POSTER RECEPTION: THURSDAY, MAY 2, 5:30 PM – 7:00 PM • GRIFFIN HALL

ALA POSTERS CONT.

- | | | |
|--|--|---|
| <p>B043 Risk Factors for Pneumonia in Patients with Head and Neck Cancer
Daniel J Cates, MD</p> <p>B044 Subglottic Elastofibroma: A Case Report
Emily M Kamen, MD</p> <p>B045 Subglottic Squamous Cell Carcinoma – A Survey of the National Cancer Database
Lucy Shi, MD</p> <p>B046 Surgical vs. Non-surgical Outcomes in the Treatment of Tonsilloliths
Catherine Loftus, MS</p> <p>B047 The Health Utility of Mild and Severe Dysphonia
Matthew Naunheim, MD, MBA</p> | <p>B048 WITHDRAWN</p> <p>B049 Thyroplasty with Real-Time Acoustic Analysis
Tsuyoshi Kojima, MD, PhD</p> <p>B050 Tracheal Pressure Exerted by High-Flow Nasal Cannula in 3D-Printed Pediatric Nasopharyngeal Models
Alan J Gray, BS</p> <p>B051 Tracheal Resection in a Paraplegic: The Importance of the Cough Reflex
Shaunak Amin, BS</p> <p>B052 Tracheotomy Avoided in Laryngeal Mucous Membrane Pemphigoid Treated with Rituximab
Daniela A Brake, BS, BA</p> | <p>B053 Trauma Informed Care in Laryngology
Robert T Cristel, MD</p> <p>B054 Vocal Fold Injection to Improve Post-Airway Reconstruction Dysphonia
Mathieu Bergeron, MD</p> <p>B055 Vocal Fold Medialization Forces Using a Dynamic Micromechanically Controlled Thyroplasty Device
Christopher Kaufmann, MD</p> <p>B056 Vocal Fold Paresis: Subjective and Objective Patient Presentation
Raluca Tavaluc, MD</p> <p>B057 Zenker's Diverticulum: Toward a Unified Understanding of Its Etiopathogenesis
David A Kastle, MD</p> |
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ABEA POSTERS

- | | | |
|--|---|---|
| <p>C001 A Mouse Model of Dysphagia After Facial Nerve Injury
Ceisha Ukatu, MD</p> <p>C002 A Nationwide Epidemiologic Study of Pediatric Tracheotomy Using Japanese Claims Database
Kayoko Mizuno, MD</p> <p>C003 Use of Spirometry and Dyspnea Index in Management of Subglottic Stenosis
Kevin Tie, BS</p> <p>C004 A Retrospective Review of Oropharyngeal Dysphagia in Pediatric Patients with DiGeorge Syndrome
Nicole Wong, BS</p> <p>C005 A Review of Pediatric Tracheostomy in Last 13 Years in Singapore - What Have We Learned?
Sok Yan Tay, MD</p> <p>C006 Airway Management In Vocal Professionals
Stephanie Teng, MD</p> <p>C007 Analysis of Laryngeal Dimensions Using Computed Tomography - Implications for Thyroplasty
Alexander Kovacs, MD</p> | <p>C008 Atypical Laryngeal Infections: Localized Lesions from Unusual Organisms May Simulate Malignancy
Kenneth Yan, MD</p> <p>C009 Awake Endoscopic Management of Supraglottic Stenosis after Caustic Ingestion
Ronak Dixit, MD</p> <p>C010 Blunt Laryngeal Trauma Resulting in a Unique Arytenoid Injury
Aileen Wertz, MD</p> <p>C011 Bronchoesophageal Fistula from Occult Pistachio Aspiration-Management Challenges
Sarah Gitomer, MD</p> <p>C012 Cancer or Fungal Infection? A Case of Bilateral Vocal Fold Fixation and Laryngeal Blastomycosis Misdiagnosed as Squamous Cell Carcinoma
Mark Fadel, BA</p> <p>C013 Characterization and Management of Adult and Pediatric Airway Foreign Bodies in US Emergency Departments
Elisa Berson, BS</p> | <p>C014 Characterizing the Distinction in the Etiology of Dysphagia Between the Early-Elderly and Late-Elderly
Sina Mehraban-Far, BSc</p> <p>C015 Clinical Practice Patterns in Laryngeal Cancer and Introduction of CT Lung Screening
Krzysztof Piersiala, MD</p> <p>C016 CO2 Laser Supraglottoplasty in Unilateral Vocal Fold Paralysis Patients with Airway Obstruction Secondary to Severe Arytenoid Prolapse: A Case Series
Sean McDermott, BS</p> <p>C017 Comparing Post-Treatment Improvements in Reflux Symptom Indexes with Reflux Finding Scores in the Management of Laryngopharyngeal Reflux
James Alrassi, BA</p> <p>C018 Concentrations Considerations for Broader Utilization of Mitomycin-C
Christina Palomo, BS</p> <p>C019 Congenital Vallecular Cyst as a Cause of Neonatal Respiratory Distress
Cinzia Marchica, MD</p> |
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ABEA POSTERS CONT.

- C020** Creating a Pathway Using the Larynx is the Last Resort for Oral Intake in a Hypopharyngeal Cancer Patient with Severe Complications
Toshihiko Suzuki, MD
- C021** Cricoid Chondronecrosis: A Case Report and Review of the Literature
Mark Mims, MD
- C022** Development of Joint Commission Compliant Difficult Airway Carts with Predominantly Disposable Equipment
Andrew Stein, MD
- C023** Dilated Esophagus from Achalasia Presenting as a Neck Mass
Ryan Rimmer, MD
- C024** Distribution of Human Tongue Fat and Obstructive Sleep Apnea
Kerry Baumann, DDS
- C025** Effects on Swallowing Assessments Between Laryngeal Cleft Injection Compared to Formal Repair
Cinzia Marchica, MD
- C026** Efficacy of ADRCs for Autologous Fat Injection Laryngoplasty
Hisaichiro Tanaka, MD
- C027** Endolaryngeal Extrusion of Gore-Tex Graft after Medialization Laryngoplasty – a Complication in Complicated Patients
Cristen Cusumano, MD
- C028** Endoluminal Stenting with Split Thickness Skin Grafting for Post-Intubation Injury in Mucous Membrane Pemphigoid
David Young, MD
- C029** Endoscopic Carbon Dioxide Laser Zenker Diverticulectomy followed by Balloon Dilation: Rate of Recurrence and Patient Reported Quality of Life Measures
Raluca Tavaluc, MD
- C030** Endoscopic Removal of a Cervical Esophageal Duplication Cyst
Brittany Leader, MD
- C031** Examining Changes in Computational Fluid Dynamics Modeling Metrics of the Normal Airway with Pediatric Development
Eric Mason, MD
- C032** Examining Referral Patterns Between Otolaryngology and Gastroenterology at a Single Institution: A Window into Potential Inter-Specialty Knowledge Gaps
Adam Haines, BS
- C033** Fibromyalgia and Chronic Cough
G Todd Schneider, MD-MS
- C034** Floor of Mouth Foregut Duplication Cyst in a Middle Aged Man
Priscilla Pichardo, MS
- C035** Glottal Insufficiency in Transgender Patients
Charlotte Hughes, MD
- C036** Histological Features of Tonsils in Adult with Periodic Fever, Aphthous Stomatitis, Pharyngitis, and Cervical Adenitis Syndrome
Kohei Yamahara, MD, PhD
- C037** Iatrogenic Tracheal Injuries: Case Series and Review of the Literature
Ariel Frost, MD
- C038** Incidence of Epiglottic Dysfunction after Radiation Therapy for Head and Neck Cancer
Raluca Tavaluc, MD
- C039** Influence of Laryngeal Afferents on Activity of the Swallowing Interneurons in Perfused Rats
Yoichiro Sugiyama, MD, PhD
- C040** Interprofessional Tracheostomy Education Course
Tammy Wang, MD
- C041** In-Vivo Oxygenation and Hydration Levels of Vocal Folds Measured by Diffuse Reflectance Spectroscopy
Chi-Te Wang, MD
- C042** Knowledge of PPI Side Effects Among Otolaryngologists
Anaïs Rameau, MD
- C043** Laryngeal Adductor Pressure Testing in a Porcine Model
Sarah Brookes, DVM
- C044** Laryngeal Distribution of Adult-Onset Recurrent Respiratory Papillomatosis: A Longitudinal Study
Lizabeth Hu, BS
- C045** Lessons Learned from 21 Pediatric Recurrent Laryngeal Nerve Reinnervations
Christen Caloway, MD
- C046** Longitudinal Laryngeal Thermal Injury Model in Swine
Gregory Dion, MD
- C047** Longus Colli Tendinitis Without Calcification
Wesley Davison, MD
- C048** Low Frequency Low Pressure Jet Ventilation: Patient Selection, Safety and Complications
Calvin Myint, MD
- C049** Low Risk Assessment of Swallowing Impairment Using Flexible Endoscopy Without Food or Liquid
Mitsuyoshi Imaizumi, MD
- C050** Measurement of Vocal Fold Abduction and Adduction in Vocal Fold Paralysis vs. Paresis
Peak Woo, MD
- C051** Medialization Laryngoplasty and Evaluation of True Vocal Fold Compression with Adjustable Silicone Cushion Implants
Rebecca Nelson, MD
- C052** Model of Radiation Induced Tissue Damage
Johnathon Anderson, PhD
- C053** Multilevel Airway Stenosis Secondary to Mucous Membrane Pemphigoid – A Challenging Entity
Dennis Tang, MD
- C054** Natural History and Management of Upper Esophageal Dysfunction in the Pediatric Population
Ray Wang, MD
- C055** Natural History of Tracheal Microvasculature in a Mouse Model of Syngeneic Tracheal Replacement
Audrey White, BS
- C056** Novel Application of the Ultrasonic Bone Aspirator for Endoscopic Treatment of a Laryngeal Chondroma
William Reschley, MD
- C057** Novel Treatment of Airway Obstruction from Redundant Postcricoid Mucosa with In-Office KTP Laser Ablation
Victoria Yu, BA
- C058** Paradoxical Vocal Fold Dysfunction vs Tracheomalacia in an Adult: An Important Consideration
David Bracken, MD
- C059** Pediatric Tracheal Schwannoma: Case Report and Review of the Literature
Natasha Premmanisakul
- C060** Pneumonia Following Injection Laryngoplasty in Cardiothoracic Patients with Unilateral Vocal Fold Paralysis
Jason Barnes, MD



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ABEA POSTERS CONT.

- | | | |
|---|---|---|
| <p>C061 Precedex Assisted Laryngeal Procedures (PALP): A Novel Pathway for Laryngeal Interventions
Resha Soni, MD</p> <p>C062 Rate of Percutaneous Versus Surgical Tracheotomy Among Six ICUs at a Tertiary Care Teaching Hospital
Ross O'Hagan, BS</p> <p>C063 Symptomatology of Substernal Thyroid Masses with Tracheal Deviation
Aryan Shay, BS</p> <p>C064 Synchronous Idiopathic Subglottic Stenosis and Bronchial Stenosis: A Case Report and Literature Review
Resha Soni, MD</p> <p>C065 Systemic Bevacizumab for End-Stage Juvenile Recurrent Respiratory Papillomas: A Case Report
Osama Hamdi, BS</p> <p>C066 Temporary Breach of the Posterior Tracheal Wall Attributable to the Cuff of an Endotracheal Tube
Andrew Lerrick, MD</p> <p>C067 The Balloon That Would Not Pop: A Cautionary Tale About Tracheostomy Tube Management
Priya Krishna, MD</p> | <p>C068 The Incidence of Laryngotracheal Stenosis in Neonates with History of Ventilator Associated Pneumonia
Anne Lowery, BA</p> <p>C069 Tongue Symptoms, Suspension Pressure and Duration During Operative Laryngoscopy
T Logan Lindemann, BS</p> <p>C070 Tracheostomy Boot Camp: A Simulation-Based Standardized Tracheotomy Care Curriculum for Resident Physicians and Medical Students
Apoorva Tewari Ramaswamy, MD</p> <p>C071 Traversing the Glottis: Arytenoid Mucosal Redundancy in Airway Obstruction
David Bracken, MD</p> <p>C072 Use of Vagal Nerve Stimulation with Laryngeal Electromyography for Recurrent Laryngeal Nerve Reinnervation in Children
Christen Caloway, MD</p> <p>C073 Using a 4K 3-Dimensional Exoscope for Upper Airway Stimulation Surgery: Proof of Concept
Vijay Patel, MD</p> | <p>C074 Vagal Nerve Stimulator Induced Stridor Following an Anterior Cervical Discectomy and Fusion
Robert Lewis, MD</p> <p>C075 Where Dysphagia Begins - Xerostomia
Karuna Dewan, MD</p> <p>C076 Which Surgical Technique Should be Utilized to Secure the Airway in the Emergency Room?
Elliana Kirsh, BM, BS</p> <p>C077 Fork in the Pharynx: A Case Report
Danielle Smith, MD</p> <p>C078 Sounds Like I Actually Have a Whistle In My Throat
Brandon Cardon, MD</p> <p>C079 Acute Airway Obstruction Secondary to Esophageal Food Impaction
Stefan Rozycki, MD</p> <p>C080 Cost Effectiveness of Open vs Endoscopic Repair of Zenker's Diverticulum
Jordyn Lucas, MD</p> <p>C081 A New Way to Pick a Bone: The Many Uses of the Maxillary Heuwieser
Weitao Wang, MD</p> |
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1ST COMBINED POSTER RECEPTION

AAFPRS, ABEA, AHNS and ALA

Thursday, May 2: 5:30 pm – 7:00 pm • Griffin Hall

2ND COMBINED POSTER RECEPTION

ANS, AOS, ASPO, and TRIO

Friday, May 3: 5:30 pm – 7:00 pm • Griffin Hall

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AHNS POSTERS

ADVANCED IMAGING

- D001** Sarcopenia is a Predictor of Mortality in Patients Undergoing Surgical Excision of Head and Neck Cancer
Lucas Stone
- D002** In Vivo Real Time Imaging of Head and Neck Squamous Cell Carcinoma Using Confocal Micro-Endoscopy and Applicable Fluorescent Dyes – Preliminary Study
Shogo Shinohara, MD, PhD
- D003** First Clinical Experience with Real-Time Optical Specimen Mapping in Head and Neck Squamous Cell Carcinoma.
Stan van Keulen
- D004** Development of a Novel Contrast Agent for Differentiation of Low Grade and High Grade Dysplasia from Normal Tissue During Surgery
Shayan Fakurnejad, BS
- D005** Mapping Tumor Acidosis at the Cellular Level in Head and Neck Cancer
Baran D Sumer, MD
- D006** Image Guided Surgery Using the Ph Activated Micellar Tracer ONM-100: First In-Human Proof of Principle in Head and Neck Squamous Cell Carcinoma
Baran D Sumer, MD, PhD
- D007** A Novel Biocompatible Marker for Image Guided Transoral Robotic Surgery
Jiawei Ge, MS

ENDOCRINE

- D008** Post-Thyroidectomy PTH Testing and Missed Opportunities in Preventing Hypocalcemia: Are We Failing the Test?
Andrew Coughlin, MD
- D009** Normocalcemic Primary Hyperparathyroidism: A Systematic Review and Meta-Analysis on Laboratory Values
Blake R Holloway, MD
- D010** The Effect of IV Acetaminophen on Pain Control in Thyroid and Parathyroid Surgery
Mueez Qureshi, MD

- D011** Retroauricular Thyroidectomy with a Next-Generation Single-Port Robotic Surgery System: Preclinical Studies and First in Human Case
Tyler Okland, MD
- D012** Thyroid Lobectomy Provides Improved Value Over Total Thyroidectomy in Well-Selected Patients with Intermediate Risk Differentiated Thyroid Carcinoma
Olivia Do, MS
- D013** Utility of Pre-Operative Localization Studies in Diagnosing the Intra-Thyroidal Parathyroid Adenoma
Julia Noel, MD
- D014** The Surgical Management of Retropharyngeal Lymph Node Metastasis in Differentiated Thyroid Carcinoma
Victoria Harries, MBBS
- D015** Predictive Modeling of Operative Time with Transoral Endoscopic Thyroidectomy Vestibular Approach (TOETVA)
Christopher R Razavi, MD
- D016** Lymph Node Ratio and Overall Survival in Papillary Thyroid Cancer
Blaine D Smith, MD
- D018** Investigating the Potential Role of Anti-PD-L1 Immunotherapy in Aggressive Papillary Thyroid Carcinoma
L Boven
- D019** Ki-67 and CK-19 are Independent Predictors of Locoregional Recurrence in Papillary Thyroid Carcinoma
Luiz Paulo Kowalski, PhD, MD
- D020** The Evolution of Papillary Thyroid Cancer During Pregnancy
Sriram Navuluri
- D021** WITHDRAWN
- D022** Use of Outcomes Data to Standardize Management of Postoperative Hypocalcemia after Head and Neck Endocrine Surgery
Marcus J Magister, MD
- D023** The Effect of Lateral Neck Dissection on Complication Rate for Total Thyroidectomy
Daniel J Rocke, MD, JD
- D024** Surgical Management of Intracranial Metastasis in Differentiated Thyroid Carcinoma
Laura Y Wang, MBBS, MS

- D025** Assessment of Operative Competency for Thyroidectomy: A Comparison of Resident Self-Assessment vs. Attending Surgeon Assessment
Cory A Vaughn, MD
- D026** The Risks for and Effect of Hypocalcemia Prior to Discharge Following Total or Complete Thyroidectomy
Sina J Torabi, BA
- D027** 4D-CT Facilitates Focused Parathyroidectomy in Patients with Primary Hyperparathyroidism by Maintaining a High Negative-Predictive Value for Uninvolved Quadrants
Kaitlyn A Brooks, BS
- D028** Understanding Trabecular Follicular Adenocarcinoma of the Thyroid
Aakash Shah, BA
- D029** Assessing the Performance of Afirma Gene Expression Classifier in Predicting the Risk of Malignancy in Indeterminate Thyroid Nodules
Nnenna Y Ezeilo, MD
- D030** Metabolic Syndrome and 30-Day Outcomes Following Major Head and Neck Surgery
Richard D Bavier, BA
- D031** Correlations of Hashimoto's Thyroiditis with Papillary Thyroid Cancer – A Study of Surgical Cases
Sukamal Saha, MD, FRCS
- D032** Cost-Effectiveness of Computed Tomography Nodal Mapping in the Preoperative Evaluation of Papillary Thyroid Carcinoma
Zaid Al-Qurayshi, MD, MPH
- D033** Applicability of Dynamic Risk Stratification for Differentiated Thyroid Cancer(DTC) in a Resource Limited Setting
Karthik Munagala
- D034** Predicting Malignancy Rate in Indeterminate Thyroid Nodules Using Patient Demographics, Nodule Features and Molecular Testing
Guy Talmor
- D035** Transoral Robotic Thyroidectomy: The Era of NOTES
Bin Zhang, MD



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AHNS POSTERS CONT.

MUCOSAL - HPV NEGATIVE

- D036** TORS versus Lateral Pharyngotomy for Management of Oropharyngeal Cancer
Ahmed S Ibrahim, MD
- D037** Histopathologic Predictors of Survival Outcomes in Buccal Squamous Cell Carcinoma
John P Marinelli, BS
- D038** WITHDRAWN
- D039** WITHDRAWN
- D040** Assessment of Oral Cancer Incidence in an Urban Population Using Geospatial Analysis: A Platform for Targeted Screening
Mihir K Bhayani
- D041** Impact of a Tobacco Treatment Program on Abstinence Rates and Survival Among Current Smokers at the Time of Primary Mucosal Head and Neck Squamous Cell Carcinoma Diagnosis
Andrew T Day, MD, MPH
- D042** AJCC 8th Edition Oral Cavity pT Stage: Significant Upstaging without Improved Prognostication for Patients with Early Oral Tongue Squamous Cell Carcinoma with Histologically Negative Lymph Nodes
Shaum Sridharan, MD
- D043** Head and Neck Squamous Cell Carcinoma after Bone Marrow Transplant
Catriona M Douglas, MD
- D044** Distant Metastasis in Oral Squamous Cell Carcinoma
Daniella Karassawa Zanoni, MD
- D045** Salvage Surgery for Recurrent Larynx Cancer
Ximena Mimica, MD
- D046** Exploration of First Echelon Sentinel Lymph Node Drainage of Squamous Cell Carcinoma of the Tonsil Particularly with Reference to the Lateral Retropharyngeal Lymph Node of Rouviere
Smriti Panda, MS

- D047** Influence of Socioeconomic Status on Stage at Presentation of Laryngeal Cancer in the United States
Martin Corsten, MD
- D048** Predictors of Perineural and Lymphovascular Invasion in Early Stage Oral Cavity and Oropharynx Squamous Cell Carcinoma (SCC)
Jonathan Cohen, MD
- D049** Pattern of Soft Tissue Invasion in Oral Squamous Cell Cancer Predicts Pattern of Mandibular Invasion
Kayvon Sharif, BA
- D050** Elective Neck Dissection During Salvage Laryngectomy: A Systematic Review and Meta-Analysis
Jennifer H Gross, MD
- D051** Benzethonium Chloride Induces ER Stress and Apoptosis in HNSCC and Reduces Tumor Burden in Xenograft Model
Kerolos G Shenouda, MD
- D052** Multiplexed Immunofluorescence and Multispectral Imaging-Based Quantification of Tumor and Immune Cell Populations Reveals Spatial Relationships in Oral Cavity Squamous Cell Carcinoma
Anuraag S Parikh, MD
- D053** Clinical Outcomes Related to Head and Neck Cancer Cell Line Viability
Kevin J Kovatch, MD
- D054** NSD1 is a Biomarker of Survival in HPV-Negative Head and Neck Squamous Cell Carcinoma
Neil Mundi, MD
- D055** Genomic and Human Papillomavirus Profiling of an Oral Cancer Cohort Identifies TP53 as a Predictor of Overall Survival
Neil Mundi, MD
- D056** Lipid Metabolism and Cetuximab Resistance in Head and Neck Cancer in Vitro
Nikolaos Batis, PhD, BMedSc
- D057** Lymph Node Yield Ratio as a Predictor of Survival in Oral Cavity Squamous Cell Carcinoma
Emily Marchiano, MD

- D058** Primary Laryngectomy versus Salvage Laryngectomy: A Comparison of the Functional and Oncologic Outcomes
Christopher B Sullivan, MD
- D059** Head and Neck Cancer Demonstrates Substantial Changes in Lipid Metabolism.
James A Higginson
- D060** Prognostic Factors Related to the Neck Metastasis of Oral Cancer
Luiz P Kowalski
- D061** Laryngeal Cancer in Young- and Middle-aged Patients: An Evaluation of Risk Factors, HPV Status and Outcomes
Calvin X Geng, MS
- D062** Outcomes for the Treatment of Recurrent Nasopharyngeal Cancer: A Systematic Review and Pooled Analysis
Ethan Newton, MD, BSc
- D063** Beyond Depth of Invasion: Adverse Pathologic Tumor Features in Early Oral Tongue Squamous Cell Carcinoma
Andrew Larson, MD
- D064** Evaluation of Overall Survival Using Number of Nodes for Pathologic Staging in p16-Negative Head and Neck Cancer
Andrew J Coniglio, MD
- D065** Survival in Patients with Head and Neck Mucosal Melanoma
Felipe Cardemil, MD
- D066** Upfront Surgery Has a Better Outcome in Oropharyngeal cancer HPV- Population
Mohamed A Shama, MD, MRCS, EBSQ

MUCOSAL - HPV POSITIVE

- D067** Development and Implementation of a Tumor-Specific RNA Phenotyping Strategy to Guide Patient Therapy in Head and Neck Squamous Cell Carcinomas
Wesley H Stepp, PhD

AHNS POSTERS CONT.

- D068** Cancer in a Dish: Isolation, Expansion and Drug Screening of HPV-Positive Oropharyngeal Tumors in Cell Culture
Wesley H Stepp, PhD
- D069** A Next-Generation Single-Port Robotic Surgical System: Results from Prospective Clinical Trials to Evaluate its Use in the Transoral H&N Surgery of the Oropharynx
F Christopher Holsinger, MD
- D070** Sentinel Lymph Node Biopsy for Management of the No Neck in Oral Cavity Squamous Cell Carcinoma
John Loree, BA
- D071** Assessing the Potential for Superselective Nodal Dissection in Recurrent HPV+ Oropharyngeal Squamous Cell Carcinomas
Nicholas R Oberlies
- D072** Prophylactic Arterial Ligation Following TORS: A Systematic Review and Meta-Analysis
Craig A Bollig, MD
- D073** Evaluation of Tumor Stage Criteria in the Eight Edition American Joint Committee on Cancer Staging for Human Papilloma Virus-Associated Oropharyngeal Cancer
Julian Amin, MD
- D074** Utilization of Machine Learning to Predict Extracapsular Extension in HPV-Associated Oropharyngeal Cancer
Julian Amin, MD
- D075** Does HPV Subtype Predict Outcomes in Head and Neck Cancers?
Hedyeh Ziai, MD
- D076** Socioeconomic Disparities in Oral Cavity Cancer Treatment and Survival
Daniel P Ballard, MD
- D077** Locating the Facial Artery and its Palatine Branches in the Parapharyngeal Space
Aziza Mohamed, MSc
- D078** Gastrostomy Utilization by Intermediate Risk Oropharyngeal Cancer Patients is Not Driven by Swallowing Dysfunction Ascertained via Objective DIGEST Criteria and Perceived Dysphagia MDADI Scores
Sagar Kansara, MD
- D079** Primary Nasal Septal Squamous Cell Carcinomas Show High Prevalence of Transcriptionally Active High-Risk Human Papillomavirus: Series of 8 Cases from a Tertiary Care Center
Emilija Todorovic, MD
- D080** Does Adjuvant Chemotherapy Improve the Outcome of Surgically Treated HPV-Associated Squamous Cell Carcinoma of the Oropharynx with Microscopic Extranodal Extension?
Christopher M Yao, MD
- D081** Survival Outcomes of Marijuana Users in p16 Positive Oropharynx Cancer Patients.
Han Zhang, MD, FRCSC
- D082** Effect of HPV Status on Survival of Oropharynx Cancer with Distant Metastasis
Jeffrey Liu, MD
- D083** WITHDRAWN
- D084** Morbid Obesity, Psychiatric Disease, and Alcohol Use Associated with Distant Metastasis and Cancer Related Death in Oropharyngeal Squamous Cell Carcinoma
Linda X Yin, MD
- D085** Neoadjuvant Chemotherapy Followed by Surgery-Based Paradigm versus Concomitant Chemoradiation for p16 Positive Locoregionally Advanced Oropharyngeal Cancer
Marco A Mascarella, MD, MSc
- D086** Early and Late Swallowing Outcomes Following Transoral Robotic Surgery
Michael C Topf, MD
- D088** Proportion of Patients Requiring Gastrostomy Tubes (G-tube) for Varying Treatment Modalities in Oropharyngeal Squamous Cell Carcinoma
David L Choi, MD
- D089** Duration of G-tube Presence in a 5-year Cohort of Patients with Head and Neck Cancer Treated with Curative Intensity-Modulated Radiotherapy
Elissa Greco, MSLP
- D090** Impact of Single Node Metastasis in Transorally Resected HPV-Related Squamous Cell Carcinoma of the Oropharynx
Stephanie Y Chen, MD
- D091** The Association of Smoking and Outcomes in HPV-Positive Oropharyngeal Cancer
Stephanie Y Chen, MD
- D092** Induction? Chemotherapy for p16+ OPSCC Followed by TORS/Neck Dissection: Biological Response Allows Down-Staging of Tumor and Definitive Surgical Management
Sahil Patel
- D093** Oropharyngeal Cancer: Differences in Survival, Patterns of Failure, Second Primary Malignancies and Risk Factors for Secondary Events Based on HPV Status
Ryan Holstead, MD
- D094** Patterns and Outcomes of Adjuvant Radiotherapy in Surgically Treated HPV-Positive Oropharyngeal Carcinoma with Adverse Features
Farhoud Faraji, MD, PhD
- D095** Cost Effectiveness Analysis of CT Surveillance Versus PET Guided Neck Management vs. Early Neck Dissection for TNM-7 N2 and N3 HPV Positive Oropharyngeal Cancer Post Chemoradiotherapy
Patrick Scheffler, MDCM
- D096** Mutational Burden and DNA Damage Repair Gene Defects in Recurrent Human Papillomavirus-Related Oropharyngeal Squamous Cell Carcinoma
Richard A Harbison, MD, MS
- D097** The Role of Clinical Volume on Margin Status in Transoral Surgery for Oropharyngeal Squamous Cell Carcinoma: How Many Cases is Enough?
Ernest D Gomez, MD, MTR
- D098** The Role of Induction Chemotherapy in HPV-Associated Oropharyngeal Cancer
Collin F Mulcahy, MD
- D099** Survival Benefit of Chemotherapy in Oropharyngeal Cancer Patients Treated with Surgery and Postoperative Radiotherapy
Ashley V Hinthner, MD, Msc
- D100** Evaluation of the Prognostic Utility of the Lymph Node Ratio in Predicting Oropharyngeal Squamous Cell Carcinoma Recurrence when Stratified by p16 Status
Margaret C Nurimba, BA



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- D101** Salivary Detection of the Mucosal Immune Response to Human Papilloma Virus (HPV) Vaccination
Margaret C Nurimba, BA
- D102** Correlation of Proximity to Midline with Contralateral Cervical Metastases in HPV+ Base of Tongue Squamous Cell Carcinoma
Scott R Hall, MD
- D103** Long-Term Swallowing Outcomes after Treatment for Oropharyngeal Carcinoma: Comparison of Transoral Robotic Surgery to Definitive Radiation Treatment
David Kim, MD
- D104** Influence of Nodal Yield on Survival in Early T-stage Oropharyngeal Squamous Cell Carcinoma
Joseph Zenga
- D105** Sparing Radiation to the Primary after Trans-Oral Robotic Surgery (TORS): Early Local Control
Mihir R Patel, MD
- D106** Patient Outcomes and Lateral Neck Dissection Volumes: A Retrospective Analysis Utilizing the State Inpatient Database
James C Campbell, BA
- D107** Characterization of Exosomes Extracted From Primary Tumor Samples of HPV+/- Oropharyngeal Cancer
Vivian F Wu, MD, MPH

OTHER

- D108** The CDK4/6 Inhibitor Palbociclib Demonstrates Efficacy Alone and in Combination with Radiation in HPV-negative Head and Neck Squamous Cell Carcinoma
Cory D Fulcher
- D109** The Microbiome as a Biomarker in Head and Neck Squamous Cell Carcinoma
Jason Chan
- D111** Non-Squamous Cell Malignancies of the Larynx
Janine M Rotsides, MD

- D112** Diagnostic Significance of Circulating Tumor Cells in Patients with Thyroid Nodules
Jie Liu, PhD
- D113** Swallowing Outcomes in Patients Undergoing Primary Chemoradiation for Oropharyngeal Squamous Cell Carcinoma
Paul G van der Sloot, MD
- D114** Evaluation of Older Age and Frailty as Predictors of Post-Operative Decision Regret
Carissa M Thomas, MD, PhD
- D115** Metastatic Spread to Percutaneous Endoscopic Gastrostomy Site in Patients with Head and Neck Cancer: A Systematic Review
Jennifer M Siu
- D116** Reliability of "Real-Time" Grading of Dysphagia Severity (per DIGEST) by Speech Pathologists Conducting Videofluoroscopic Swallow Studies
K Hutcheson, PhD
- D117** A 10-year Review of Pre-Tertiary Hospital Management of Neoplastic Neck Swellings: The Need for an Appraisal in a Northwestern Nigeria
Mohammed Abdullahi, MBBS, FWACS
- D118** The Role of Long Non-Coding RNAs in Head and Neck Cancer
Frank S Chen, MD PhD
- D119** Chronic Opioid Use after Treatment of Laryngeal Cancer
Nicole C Craker, MD, MPH
- D120** Advanced Treatment Planning for Interstitial Photodynamic Therapy in Patients with Refractory Locally Advanced Cancer - From the Clinic to Bench and Back
Hassan Arshad
- D121** Prognostic Factors in Patients Presenting with Squamous Cell Carcinoma of the Larynx, A Single Center Review
Yuval Nachalon, MD

- D122** Gender as a Prognostic Indicator of Overall Survival in Head and Neck Squamous Cell Carcinoma
Akash N Naik, MD
- D123** WITHDRAWN
- D124** Out-of-Pocket Costs Associated with the Treatment of Head and Neck Cancer
M N Khan, MD
- D125** Understanding Pseudosarcomatous Carcinoma: A Population-Based Study
Richard D Bavier, BA
- D126** Timing of Complications Following Total Laryngectomy
Richard D Bavier, BA
- D127** Home-Based Lymphedema Management is Effective: A Pilot Study
Heather Starmer, MA, CCCSLP, BCSS
- D128** Outcomes of Heroic Salvage Surgery in Recurrent Head and Neck Cancer
Adeeba F Ghias, BS
- D129** Population Awareness of Head and Neck Cancers and Its Risk Factors and Prevention Measures in Brazil
Aline L Chaves
- D130** Individualized Prediction of Late-onset Dysphagia in Head and Neck Cancer Survivors
Alana Aylward, MD
- D131** The Role of Post Operative Emesis in Pharyngocutaneous Fistula Formation Post Laryngectomy
Margaret B Mitchell, BA
- D132** Predictors and Distribution of Occult Nodal Disease in Patients Undergoing Salvage Oropharyngeal Surgery
Molly E Heft Neal, MD

AHNS POSTERS CONT.

- D133** Is it Necessary to Receive Postoperative Radiotherapy for pT3-4aN0M0 Patients with Histologically Well-Differentiated Oral Squamous Cell Carcinoma?
Zhien Feng
- D134** HPV Status in Patients with Nasopharyngeal Carcinoma in the United States: SEER Database Study
Michael Wotman, BA
- D135** Compliance with National Comprehensive Cancer Network Post-Treatment Surveillance Guidelines in Patients with Head and Neck Cancer
Samantha Tam
- D136** Head and Neck Cancer Survivorship from the Patient Perspective
Nitin A Pagedar, MD MPH
- D137** Survival of Patients with Chemotherapy Insensitive Soft Tissue Sarcomas of the Head and Neck: A Retrospective Cohort National Cancer Database Study
Jeffrey C Rastatter, MD
- D138** Comparative Analysis of Swallowing Function in Supraglottic Cancer: Transoral Surgery or Open Conservation Surgery?
Geun Jeon Kim, MD
- D139** Comparison of Survival Estimates Following Recurrence, Persistence or Second Primary Malignancy (SPM) in Oropharyngeal Squamous Cell Carcinoma (OPSCC)
Ameya A Asarkar, MD
- D140** Correlation Between Obstructive Sleep Apnea Hypopnea Syndrome and Laryngopharyngeal Reflux Disease/Gastroesophageal Reflux Disease
Gang Wang, MD
- D141** The Role of Preoperative Embolization in the Management of Familial and Non-Familial Paragangliomas of the Head and Neck
Sukamal Saha, MD, FRCS
- D142** Longitudinal Effects of Post-Operative Radiotherapy on Functional Outcomes in Advanced Oral Squamous Cell Carcinoma
Ciaran Lane, MD, MSc

- D143** Establishment of Indications and Operative Techniques of Robotic Head & Neck Surgery for Head & Neck and Thyroid Tumor Analysis of a Single Surgeons Experiences of over 1,000 cases in 8 years
Yoon Woo Koh
- D144** WITHDRAWN
- D145** Treatment Trends in HPV+ Oropharyngeal Squamous Cell Carcinoma: A Study of the National Cancer Database
Kevin Y Zhan, MD

RADIATION THERAPY

- D146** Tumor Target Delineation in head and Neck Re-Irradiation Cases: A Comparison Between Dual Energy Computed Tomography and Magnetic Resonance Imaging
Sweet Ping Ng, MBBS, FRANZCR
- D147** Predictors of Late Lower Cranial Neuropathy in Long-Term Oropharyngeal Cancer Survivors
P Aggarwal, MPH
- D148** Using Machine Learning to Predict Delays in Adjuvant Radiation Following Surgery for Head and Neck Cancer
Matthew Shew
- D149** The Impact of SLP-Patient Visit Frequency on Weight and Feeding Tube Use Immediately Following Radiation Therapy for Head and Neck Cancer
Mathew B Vansant, MS CCCSLP
- D150** Engaging Stakeholders to Identify Relevant Outcomes for Dysphagia Intervention
Margaret Fitch, PhD, MScN
- D151** Treatment of Osteoradionecrosis of the Head and Neck Using a Modified American PENTOCLO Protocol
Abhay Sharma, MD
- D152** A Phase I/II Clinical Study of NBTXR3 Activated by SABR in Combination with PD-1 Inhibition in Patients with Advanced HNSCC or NSCLC
James Welsh
- D153** Volumetric Tumor Changes in Head and Neck Squamous Cell Carcinoma Patients Treated with Sequential Versus Concurrent Immunotherapy and Chemo-Radiation
Amal Javaid
- D154** WITHDRAWN

- D155** Outcomes of Intensity Modulated Irradiation for Sinonasal Cancers: The MD Anderson Experience
Houda Bahig, MD, PhD
- D156** Intensity Modulated Proton Therapy for Oropharyngeal Squamous Cell Cancer: The MD Anderson Cancer Center Experience
Houda Bahig, MD, PhD

RECONSTRUCTIVE

- D157** Timing of Complications Following Free Flap
Richard D Bavier, BA
- D158** Osteocutaneous Free Flap Reconstruction in the Elderly: Review of a Single Institutions Outcomes
Jordan A Malenke, MD
- D159** The Anterolateral Thigh Osteocutaneous (ALTO) Free Flap: A Clinical Update and Lessons Learned
Ernest D Gomez, MD MTR
- D160** Preventing Wound Breakdown and Prolonged Hospitalization in Free Flap Patients: Which Factors Matter?
Marianne Abouyared, MD
- D161** Interposition Vein Grafting in Free Tissue Transfer in the Head and Neck
Nolan Seim, MD
- D162** Ulnar Artery Perforator Free Flap versus Radial Forearm Free Flap in Head and Neck Reconstruction
Tanner Fuller, MD
- D163** Three Dimensional Modeling of the Scapular Tip for Anterolateral and Lateral Mandibular Defects
Emily Marchiano, MD
- D164** Role of Continuous Local Infusion of Ropivacaine for Post-Operative Pain Management in Patients Receiving Osseocutaneous Free Flaps: A Randomized Controlled Trial
Scott Roof, MD
- D165** Association of Post-Operative Thrombocytosis and Post-Operative Complications in Head and Neck Cancer Patients Undergoing Free Tissue Reconstruction
Benjamin Russell, BS



FIRST COMBINED POSTERS

AAFPRS • ALA • ABEA • AHNS

FIRST COMBINED POSTER RECEPTION: THURSDAY, MAY 2, 5:30 PM – 7:00 PM • GRIFFIN HALL

AHNS POSTERS CONT.

FIRST COMBINED POSTERS: AAFPERS • ALA • ABEA • AHNS

D166 The Profunda Artery Perforator Flap for Head and Neck Reconstruction: Cadaveric Anatomic Description and Perforator Patterns
Sara W Liu, MD

D167 Perioperative Outcomes Following Free Fibula Flap Reconstruction with or without CAD/CAM-Assisted Virtual Surgical Planning for Complex Mandibulectomy Defects: A Retrospective Analysis of 300 Cases
Jamie A Ku, MD

D168 Assessing Free Flap Reconstruction Accuracy of the Midface and Orbit Using 3D Modeling Software
Mary Han, BA

D169 A Comparison of Functional Outcomes from the Radial Forearm Free Flap and the Anterolateral Thigh Free Flap in the Oral and Oropharyngeal Cancer
Yun-Jin Kang, MD

D170 Incidence of Pedicle Ossification in Osseous Free Flap Reconstruction in the Head and Neck
Carey B Wood, MD

D171 Variations in Post-Operative Pain and Narcotic Use after Free Flap Reconstruction Surgery
Brian H Cameron

D172 The Nutrition Related Index is Predictive of Perioperative Morbidity Following Head & Neck Microvascular Surgery
Harman Parhar, MD, MPH

D173 The Role of Tracheostomy in Mandibulectomy with Microvascular Reconstruction
Jenny F Ma, MD

D174 Occlusion and Functional Outcomes after Complete Temporomandibular Joint Resection and Soft Tissue Reconstruction
Jake J Lee, MD

D175 Innovative Insertion of the Palmaris Major Tendon after Lower Lip Reconstruction: The Sunnybrook Approach
Axel Sahovaler, MD

D176 The Effect of Bolster Duration on the Rates of Split Thickness Skin Graft Take in Fibula Free Flap Donor Sites
Abel P David, MD

D177 The Anterolateral Thigh Fascia Lata Rescue Flap – A New Weapon in the Battle Against Osteoradionecrosis
Rhorie P Kerr, MD

D178 Machine Learning Analysis for Identifying Factors Important in Predicting Head and Neck Microvascular Free Flap Reconstruction Outcomes
Eric Formeister, MD, MS

D179 Clinically Relevant Outcomes Using Temporalis Tendon Transfers for Reanimation Following Head and Neck Oncologic Surgery
Adrian House, MD

D180 Is Frailty Associated with Worse Outcomes or Increased Complication Rates in Free Flap Reconstruction for Head and Neck Cancer?
Jordan M Sukys, MD

D181 Fistula Rate after Laryngectomy: Impact of Previous Treatment, Choice of Reconstruction, and Type of Pharyngeal Closure
Tony Richa

D182 Propeller Flaps in Donor Site Closures in Osteocutaneous Fibula Free Tissue Transfers: An Institution's Experience and Use of Novel Musculocutaneous Perforators
Patrick F Morgan, MD

D183 Evaluation of Hardware Complications Following Oromandibular Reconstruction Using Three-Dimensional Analysis.
Joel C Davies, MD

D184 Surgical Site and Delayed Return to Oral Intake Following Free Flap Reconstruction
Douglas J Totten, BS

D185 Use of a Propeller Flap For Closure of a Distal Anterolateral Thigh Free Flap Donor Site
Kelsey Mothersole, MD

D186 Donor-site Morbidity Following Fibula Free Flap Reconstruction
Theodore A Gobillot, BS

D187 Evaluation of Vasopressor Use for Hemodynamic Management of Head and Neck Free Flap Patients: A Survey of Anesthesiologists
Benjamin Bitner, BS

D188 Analysis of Time to Adjuvant Therapy after Free Tissue Transfer Loss in Head and Neck Cancer
David S Kim, Fellow

D189 Changing to a More Restrictive Transfusion Threshold Does Not Affect Flap Outcomes in Free Tissue Transfer to the Head and Neck
Samuel Altonji

SALIVARY

D190 Incidence of Warthin Tumor in a Veteran Population: A Shifting Paradigm
Adnan S Hussaini

D191 Response to Larotrectinib as Primary Systemic Therapy for Unresectable Mammary Analog Secretory Carcinoma of the Parotid Gland
Haley N Kemp, MPAS, PAC

D192 Parotidectomy and Facial Nerve Dissection Surgical Simulator: The First Ever Design
Bharat B Yarlagaadda, MD

D193 Late Locoregional and Distant Metastases in a Large Long-term Adenoid Cystic Carcinoma Cohort
Peter Lancione, BA

D194 Predictors of Nodal Metastasis in Mucoepidermoid Carcinoma of the Upper Aerodigestive Tract
Viran J Ranasinghe, MD

D195 Lipofection-Mediated In Vivo Transfection of Aquaporin-5 in Rat Salivary Glands: A Potential Treatment for Radiation Induced Xerostomia
Max Hennessy, MD

D196 Review of Treatment Modalities and Outcomes of Patients with Basal Cell Adenocarcinoma
Claudia N Gutierrez, MS

AHNS POSTERS CONT.

- D197** Positive Surgical Margins in Submandibular Malignancies: Facility and Practice Variations
Liliya Benchetrit, BA
- D198** Transoral Submandibular Gland Excision: An Underutilized Technique
Panav Jha, BA
- D199** Sociodemographic Incidence Trends in Mucoepidermoid Carcinoma in North America, 1995-2015
Zachary Farhood, MD
- D200** Understanding Basal Cell Adenocarcinoma of the Head and Neck: A Population-Based Study
Lena Sheorey, BS
- D201** Carcinoma ex Pleomorphic Adenoma: A High-Grade Tumor with Good Survival
Avigeeet Gupta, BS
- D202** The Use of Compression Dressing after Parotidectomy Improves the Rate of Sialocele/Salivary Fistula Formation
Anas Eid, MD
- D203** Sensitivity of Fine Needle Aspiration and Imaging Modalities in the Diagnosis of Low Grade Mucoepidermoid Carcinoma of the Parotid Gland
Samuel L Garrett
- D204** Inhibition of Wnt/beta-catenin Pathway as a Therapeutic Target in Adenoid Cystic Carcinoma
Hyun-su Kim
- D2055** HMG2 and PLAG1 Protein Expression in Pleomorphic Adenoma Tumorigenesis and in the Progression to Carcinoma ex Pleomorphic Adenoma
Luiz P Kowalski
- D206** Management of Low Risk Salivary Gland Carcinomas with Surgery Alone
Sepehr Shabani, MD
- D207** Salivary Clear Cell Carcinoma Clinicopathologic Characteristics and Outcomes: A Population-Based Analysis
Daniel Sharbel, MD
- D208** Intermediate-Grade Carcinoma of the Parotid: A National Cancer Database Study
Lauren M North, MD

- D209** Outcomes and Risk Factors of Disease Progression in Adenoid Cystic Carcinoma of the Head and Neck: The UW/SCCA Experience
Hannan Qureshi, MD
- D210** Charisma of PD-L1 Expression: Is it relevant in Salivary Duct Carcinomas?
Diana Bell, MD
- D211** Intraoperative Tumor Spillage Increases the Risk of Early Recurrence in Acinic Cell Carcinoma of the Parotid Gland
Pranjal B Gupta, BE

SKIN

- D212** Risk Factors for Nodal Metastasis in Cutaneous Squamous Cell Carcinoma of the Head and Neck
Jessica Yesensky, MD
- D213** The Effect of Immunosuppression Secondary to Autoimmune Disease on Head & Neck Cutaneous Squamous Cell Carcinoma
Zachary Pflum, MD
- D214** Management of Acute Radiation-Induced Skin Dermatitis with Camwell™ Herb-to-Soothe Cream in Head and Neck Cancer Patients receiving Radiotherapy- a Single Institution Pilot Observational Study
E Cecil, MSN, CRNP
- D215** Clinically Node-Negative Head and Neck Mucosal Melanoma: An Analysis of Current Treatment Guidelines & Outcomes
Sina J Torabi, BA

SKULL BASE

- D216** Positive Surgical Margins in Sinonasal Squamous Cell Carcinoma: Survival, Predictors, and the Efficacy of an Endoscopic Approach
Sina J Torabi, BA
- D217** Comparison of Open versus Endoscopic Surgical Treatment of Sinonasal Melanoma: A Propensity Score Matched NCDB Analysis
Kayva L Crawford
- D218** A Multicenter Trial in the Detection of Locally Recurrent Nasopharyngeal Carcinoma with Epstein Barr Viral DNA
Jason Chan

- D219** Preoperative Direct Puncture Embolization of Sinonasal Tumors: An Evidence-Based Approach
Margaret I Engelhardt, MD
- D220** Endoscopic versus Open Approaches in Resection of Esthesioneuroblastoma, a National Cancer Database Analysis
Sarek Shen, BS
- D221** Long Term Outcomes with Function-Sparing Cervical Schwannoma Enucleation – A 30 Year Experience
Nolan B Seim, MD
- D222** Patient Outcomes after Reirradiation of Small Skull Base Tumors Using Stereotactic Body Radiotherapy (SBRT), Intensity Modulated Radiotherapy (IMRT) or Proton Therapy (PRT)
Sweet Ping Ng, MBBS, FRANZCR
- D223** Morbidity and Mortality of Endoscopic Skull Base Surgery
Andrew B Baker, MD

SYSTEMIC THERAPY/IMMUNOTHERAPY

- D224** Activation of STAT1 Induces Interferon-related Genes and Mediates Cisplatin Resistance in Head and Neck Cancer Cells
Hui-Ching Chuang, MD PhD
- D225** Expression Patterns and Prognostic Value of PD-L1 in Head and Neck Squamous Cell Carcinoma
Michael A Blasco, MD
- D226** Low Skeletal Muscle Mass Predicts the Poor Treatment Outcome in Patients with Head and Neck Squamous Cell Carcinoma Receiving Concurrent Chemoradiotherapy
Ryusuke Shodo, MD, PhD
- D227** Macrophage Polarization in Metastatic and Adjacent Negative Lymph Nodes in Head and Neck Squamous Cell Carcinoma
Swar Vimawala, BS
- D228** Severe Wound Complications Associated with Robust Treatment Response During Levatinib Therapy for Advanced Thyroid Cancer
Tyler S Weaver, MD



FIRST COMBINED POSTERS

AAFP RS • ALA • ABEA • AHNS

FIRST COMBINED POSTER RECEPTION: THURSDAY, MAY 2, 5:30 PM – 7:00 PM • GRIFFIN HALL

AHNS POSTERS CONT.

FIRST COMBINED POSTERS: AAFP RS • ALA • ABEA • AHNS

- D229** The Chick Embryo Chorioallantoic Membrane (CAM): A Platform for Assessing the In Vivo Efficacy of Chimeric Antigen Receptor (CAR) T Cell Therapy in Head and Neck Cancer
Emilie A Warren
- D230** Wee1 Inhibitor AZD1775 Enhances Blockade of PD-1 in HNSCC Cells Expressing HPV16 E6/E7 Oncoproteins
Hideaki Takahashi, MD, PhD
- D231** Real-World Treatment Outcomes in the Elderly Japanese Patients with Head and Neck Cancer (HNC): The Difference Between Standard and Non-Standard Therapies
Hidetaka Ikemiyagi
- D232** Characterization of the Tumor Immune Microenvironment During Head and Neck Squamous Cell Carcinoma Progression
Subin Surendran, MS, PhD
- D233** Epithelial-Mesenchymal Transition Gene Signature Predict the Prognosis and the Effect of Immunotherapy in Head and Neck Squamous Cell Carcinoma
Ah Ra Jung, MD
- D234** Induction Chemotherapy in Oropharyngeal Carcinoma
Frank Mott, MD, FACP

VALUE / QUALITY

- D235** Is Necessary Care Under Utilized in Head and Neck Cancer Survivors?
Geoffrey C Casazza, MD
- D236** Voice and Swallow Outcomes after Thyroidectomy Using Qualified Outcome Measures and Videostroboscopy
Vaninder K Dhillon, MD
- D237** Health Information Technology Use in Head and Neck Cancer Patients: A Tertiary Care Center Experience
Hannah Kavookjian, MD

- D238** Use of an Enhanced Recovery after Surgery (ERAS) Protocol to Decrease Postoperative Opiate Use in Head and Neck Surgery Patients Undergoing Free Tissue Transfer
Alan D Workman, MD, MTR
- D239** Low Body Mass Index is Associated with Decreased Nodal Yield from Neck Dissection Specimens
Hamza Bhalli
- D240** The Perceived Cost of Head and Neck Surgery Among Future Health Care Administrators
Andres M Bur, MD
- D241** Prevalence of Insomnia and its Association with Psychological Symptom Burden and Quality of Life in Head and Neck Cancer Survivors
Marci L Nilsen, PhD, RN, CHPN
- D242** Tracheostomy Complications in the Emergency Department: A National Analysis of 38,271 Cases
Maxwell P Kligerman, MD, MPH
- D243** Lymphedema Therapy: Access and Outcomes
Courtney B Shires, MD
- D244** Second Primary Paragangliomas: Longterm Follow Up of Head and Neck Patients
Kevin J Contrera, MD, MPH
- D245** Machine Learning Prediction of 30-Day Readmissions Following Head and Neck Free Flap Reconstruction
Michael Wilson, MD
- D246** Post-Operative Survival in Head & Neck Cancer Patients with Elevated Troponins
Gordon Hua, MDCM
- D247** Defining Quality from the Patient's Perspective: Feasibility of Implementing PROs into Clinical Care Across a Head and Neck Oncology Multidisciplinary Team
Jennifer R Cracchiolo, MD
- D248** Proposing Optimal Thresholds for HNSCC Facility Case Volume
Sina J Torabi, BA

- D249** Hospital Volume is an Independent Predictor of Lymph Node Yield in Patients Undergoing Neck Dissection for Oral Squamous Cell Carcinoma
Victoria V Noble, BS
- D250** Costs Associated with Imaging Surveillance after Treatment for Head and Neck Cancer
Cheryl C Nocon
- D251** Developing a Platform for Value-Based Risk Assessment and Bundled Nutrition and Supportive Care Intervention for Head and Neck Cancer Treatment
Tiffany W Hogan, MA, CCC, SLP
- D252** Cost Effectiveness of Salvage Laryngectomy Closure Techniques
Mirko Manojlovic Kolarski, MD
- D253** Surgical Site Infection Affects Length of Hospitalization and Cost after Complex Head and Neck Procedures
Alexandra E Quimby, MD
- D254** Development of a Head and Neck Ultrasound Training Program for Head and Neck Surgeons in Rural Kenya
Carey B Wood, MD
- D255** Advantages of Mobile Endoscopy in Academic Otolaryngology
Robert T Cristel, MD
- D256** Assessing Surgeon Teams in Head and Neck Oncologic Surgery Requiring Plastic Surgery Reconstruction using the Head and Neck Oncologic – Reconstructive Surgery NSQIP
Samantha Tam, MD, MPH
- D257** Is New Always Better? An Ethical Analysis of Robotic Parathyroidectomy
Andrew J Redmann, MD
- D258** WITHDRAWN
- D259** Reducing Redundancy in Surgical Instrumentation for Head and Neck Surgery
Kelly M Malloy, MD

AHNS POSTERS CONT.

- D260** The Feasibility of Remote Monitoring in Patients with Head and Neck Cancer
Blair Barton, MD
- D261** Cost and Outcomes Trade-Offs Between Length of Stay and Hospital Readmissions after Microvascular Free Flap Reconstruction in Head and Neck Surgery
Neil N Patel, BA, BS
- D262** Association Between Frailty Status and Post-Operative Morbidity and Mortality Among Head and Neck Cancer Patients: A Prospective Cohort Study
Shanmugappirya Sivarajah, BSc, MD, MPHcand
- D263** Evaluating the Feasibility of a Nurse-Driven Follow-Up Telephone Triage Intervention to Improve Post-treatment Outcomes in Head and Neck Cancer Patients Undergoing Chemotherapy and Radiation in the Ambulatory Setting
Susan Varghese, Nurse Practitioner RN, MSNANP C
- D264** Association of Insurance Type with Time Course of Care in Head and Neck Cancer
Kyohei Itamura
- D265** Factors Associated with Receiving Treatment for Head and Neck Cancer at Academic and Integrated Cancer Programs
Ravi R Shah, MD
- D266** Head and Neck Cancer Survival is Related to Treatment Facility
Ryan M Carey, MD
- D267** Pain and Opioid Use after Ambulatory Head and Neck Surgery
Michael Z Cheng
- D268** Support Group Attendance and Quality of Life in Caregivers of Patients with Head and Neck Cancer
Brian H Cameron
- D269** Barriers to Follow-Up and Efficacy of Interventions in Patients Receiving Referral at Head and Neck Cancer Screenings
Raquel Zemtsov, MD, MPH
- D270** Dental Care
Andrew J Holcomb, MD
- D271** Introduction of Pre-Treatment Care Map and Nurse Navigator to Decrease "Time to Treatment" Interval
Paul G van der Sloot, MD
- D272** Candidate Indicators of Quality Care for the Diagnosis and Management of Medullary Thyroid Carcinoma
Justin Cottrell, MD
- D273** Utilising a Value-Based Healthcare Approach for Improved Care of Head and Neck Oncology Patients, the Amsterdam University Medical Centre (UMC)- VUmc Location Experiences
JJ Hendrickx, MD, PhD
- D274** Optimizing Anesthesia for Transoral Robotic Surgery for Oropharyngeal Squamous Cell Carcinoma: Factors and Outcomes associated with Prolonged Phase I Postanesthesia Recovery
Linda X Yin, MD
- D275** Timely Discharge of Head and Neck Surgical Patients Allows for Safe and Efficient Care
Nicole M Fowler, MD
- D276** Decreased Post-Acute Skilled Needs and Improved Outcomes for Patients Post Fibula Free Flap Reconstruction When Early Ambulation was Initiated Post Op Day 1: A Case Series
Brett J Fechter, PT, DPT, NCS
- D277** Head and Neck Surgery Inpatient Experience Survey Pilot Study
Arvind K Badhey, MD
- D278** Routine Chest X-Ray Following Adult Tracheotomy: Quality Improvement or Wasteful Practice?
Edward M Walton, BS
- D279** Cost Implications of Free Flap Take-Backs: Best to Get it Right the First Time
Mary Han, BA
- D280** Quality of Life Following Varied Reconstructions for Oral Tongue and Floor of Mouth Cancer Resection Defects
Andrew Larson, MD
- D281** Timing of Swallowing Intervention Impacts Functional Swallowing Outcomes after Surgical Management of Oropharyngeal Cancer
Margaret C Nurimba, BA



SECOND COMBINED POSTERS

TRIO • ASPO • AOS • ANS

SECOND COMBINED POSTER RECEPTION: FRIDAY, MAY 3, 5:30 PM – 7:00 PM • GRIFFIN HALL

TRIO POSTERS

ALLERGY/RHINOLOGY

- E001** Predictive Factors for Sinonasal Outcome Test 22 Improvement in Chronic Sinusitis Patients with and without Osteoneogenesis
Seth A Ahlquist, BS
- E002** Understanding the Molecular Pathogenesis of Chronic Rhinosinusitis and Potential Therapeutic Agents: A Meta-Analysis
David Z Allen, BA
- E003** Relationship between Cancer and Olfactory Dysfunction: A Cross-Sectional Analysis of NHANES 2013-2014
Jose L Mattos, MD, MPH
- E004** WITHDRAWN
- E005** Aspirin Desensitization Therapy in Aspirin Exacerbated Respiratory Disease: A Systematic Review
Natasha L Larivée, BSc, MSc
- E006** The Transverse Turbinate Line: A Reliable Landmark for Identification of the Maxillary Sinus Natural Ostium
Brian C Lobo, MD
- E007** Four Handed Endoscopic and Orbital Approach for Frontal Sinus and Medial Orbital Tumors: Surgical Management of Two Cases
Christopher A Maroun, MD
- E008** Cranial Base Manifestations of IgG4 Related Disease: A Multi-Institutional Study
Eric M Dowling, MD
- E009** Association Between Smell and Taste Dysfunction and Obesity and Metabolic Syndrome in Older Adults
Jamiluddin J Qazi, BS
- E011** WHIM Syndrome with a Chemokine Receptor Defect and Its Impact on Paranasal Sinus Development
Caroline C Rieger, MD
- E012** Surgical Outcomes and Imaging Findings of Respiratory Epithelial Adenomatoid Hamartoma: A Systematic Review
Chetan Y Safi, MD

- E013** Antibodies Directed Against Integration Host Factor Inhibited Biofilm Formation on Multiple Sinus Implant Materials
Rishabh Sethia, MD
- E014** Atypical Esthesioneuroblastoma Originating in the Maxillary Sinus Extending into the Nasopharynx
Eshita Singh, BS
- E015** Clinical Experience with the Contralateral Transmaxillary Approach to the Petrous Apex
Carl H Snyderman, MD, MBA
- E016** A Rare Presentation of Adenoid Cystic Carcinoma of the Inferior Turbinate
Briana Vamosi, BS
- E017** Using Ophthalmologic Examination to Predict Long Term Prognosis of Abducens Nerve Palsy in Endoscopic Skull Base Surgery
Rachel L Whelan, MD

FACIAL PLASTIC & RECONSTRUCTIVE

- E018** Prevalence of Patterns of Facial Trauma among Young Athletes
Jason R Audlin, MD
- E019** Facial Plastic Surgery in Otolaryngology: A Struggle for Recognition on Two Fronts
Marlon M Maducdoc, MD, MBA
- E020** Narrow Field Fibula Flap
Christopher J Britt, MD
- E021** Vasoactive Medications in Pedicled Flaps: A Systematic Review
Sabrina A Brody-Camp, MD, MPH
- E022** Objective Results in an Emerging Facial Nerve Center
Jimmy Chen, BA
- E023** Risk Factors for Auricular Hematoma and Recurrence after Drainage
Matthew R Purkey, MD
- E024** IL-4 Mediated Regeneration of Facial Nerve Gap Defect in the Rat Model
John E Hanks, MD
- E025** The Effect of Platelet Rich Fibrin Matrix on Skin Rejuvenation: A Split Face Comparison
Shirley Hu, MD

- E026** Improving Graft Survival and Clinical Results in Irradiated Scalps
William W Lindsey, BS
- E027** Machine Learning for Objective Assessment of Intraoperative Technical Skill in Septoplasty: A Multisite External Validation Study
Sonya Malekzadeh, MD FACS
- E028** Effect of Perioperative Factors on Ear Keloid Recurrence
Amelia K Ramsey, BS
- E029** An Overview on Perioperative Pain Management Using Nonopioid Medications in Patients Undergoing Septoplasty or Septorhinoplasty
Cong N Ran, MD, PhD
- E030** Analysis of the Aging Face for the Resident
Sunthosh K Sivam, MD

GENERAL

- E031** Otolaryngology Resident Knowledge in Medical Coding, Billing and Documentation
Jay J Agarwal, MD
- E032** Evaluating Opioid Prescription Practices in Head and Neck Surgery: A Single Center Analysis
Arvind K Badhey, MD
- E033** Impact of a Prolonged Surgical Mission Expedition on the Breadth of Otolaryngology-Head and Neck Surgery Practice in a Developing Nation
Dessalegn Berihu, MD
- E034** Industry Payments for Otolaryngology Research: A Four Year Analysis of the Open Payments Database
Philip R Brauer, BA
- E035** The Development of an Ultrasound Community of Practice Within Otolaryngology
Kevin A Calamari, BA
- E036** Are Opioids Over Prescribed in Otolaryngology Surgery?
Geoffrey C Casazza, MD

TRIO POSTERS CONT.

- E037** Development and Prospective Evaluation of a Novel High Fidelity Retrobulbar Hematoma Simulator
Alexander E Clark, BA
- E038** Parathyroid CT Angiography in Primary Hyperparathyroidism with Nonlocalizing Sestamibi: A Case Series
Michael J Coulter, MD
- E039** Case Report: Facial Nerve Weakness after Sodium Hypochlorite Dental Irrigation
Wesley L Davison, MD
- E040** Opioid Stewardship in Otolaryngology/Head and Neck Surgery
Kelly M Dean, MD
- E041** Gender Gap in Residency and Fellowship Directorships in Otolaryngology Training
Madison V Epperson, BA
- E042** Does Placement of a Drain Decrease the Rate of Post-Parotidectomy Seroma Formation?
Soroush Farnoosh, MD
- E043** Trends in National Institutes of Health Funding among Otolaryngology Principal Investigators
Zainab Farzal, MD
- E044** Design and Implementation of an Academic Otolaryngology-Head and Neck Surgery Residency Program in a Developing Nation
Filmawit Gebremeskel, MD
- E045** Etiology Analysis of Mandibular Fractures at an Urban Trauma Center from 2008-2017
Bianca Georgakopoulos, BS
- E046** Retrospective Analysis of Mandibular Fractures at a Level I Trauma Center from 2008-2017
Bianca Georgakopoulos, BS
- E047** Retrospective Comparison of Facial AIS to Other Patient Variables at an Urban Trauma Center from 2008 to 2017
Bianca Georgakopoulos, BS
- E048** WITHDRAWN
- E049** Current Status of Medical Coding Education in US Otolaryngology Residency Programs
Enrique G Gorbea, MD
- E050** Status of Medical Coding, Billing and Documentation Knowledge Among Otolaryngology Attendings
Enrique Gorbea, MD
- E051** Role of Preoperative Radiography for Management of Recurrent Secondary Hyperparathyroidism in Chronic Renal Failure
Frances Mei L Hardin, MD
- E052** Evaluating Differences in Subjective Scoring for Commitment to Academic Medicine Using the Standard Letters of Recommendation in Otolaryngology Residency
Javier JM Howard, MPH
- E053** Retropharyngeal Fluid Collection: A Rare Case of Superior Vena Cava Syndrome
Jessica B Howell, MD
- E054** Impact of Otolaryngology PGY-1 Curriculum Changes on Resident Operative Experience
Benjamin N Hunter, MD
- E055** ABC Camerawork Guide for Dr. Photographer: An Exploratory Qualitative Study
Farid F Ibrahim, MD
- E056** Impact of a Resident Educational Program to Improve Inpatient Documentation
Keven SY Ji, BA
- E057** Pattern of Urgent Airway Management for Otolaryngology Service: A 3 Year County Hospital Experience
Jee-Hong Kim, MD
- E058** Optimizing the Management of Patients with Cerebrospinal Fluid Leaks Requiring Operative Intervention
Ashley Kita, MD
- E059** Laser Tongue Treatment for Halitosis
Yosef P Krespi, MD
- E060** Pain Management and Prescribing Practices in Otolaryngology Training Programs
Jaclyn A Klimczak, MD
- E061** Getting to Know You Better: A Survey of Otolaryngology Residency Applicants' Interview Preferences
Alvin B Ko, MD
- E062** Should Otolaryngologists Care About Their Online Ratings?
Justin A Koceja, BS
- E063** Doctor, Will It Hurt? Assessment of Patient Pain During Routine Otolaryngology In-Office Procedures with a Validated Pain Questionnaire
Brittany A Leader, MD
- E064** Development of a Low Cost, Renewable Endoscopic Sinus Surgery Skills Trainer (ESSST)
Ryan P Leary, MD
- E065** Association of Interview Positions Compared to Residency Program Attributes
Andrew H Lee, MD
- E066** Analysis of Peritonsillar Abscess Patients Using the NSQIP Surgical Registry
Felicity Lenes-Voit, MD
- E067** Improvement of Speech Discrimination with High Dose B Vitamin Therapy: A Case Series
Melba F Lewis, MD
- E068** Does Nasal Surgery Affect Voice Outcomes? A Systematic Review with Meta-Analyses
Friederike S Luetzenberg, BS
- E069** Effectiveness of Adjunctive Mitomycin in Otolaryngologic Procedures: A Systematic Review
Kimberly Luu, MD
- E070** Discrete Aerodynamic Pressure Waveform Analysis to Identify Partial Airway Collapse
Ahmad F Mahmoud, MD
- E071** Utility of Smartphone Telemedical Consults for Peritonsillar Abscess Diagnosis and Triage
Jonathan R Mallen, MD
- E072** Recent Trends in Female and Racial/Ethnic Minority Applicants of US Otolaryngology Residency Programs
Erin M Mamuyac, MD
- E073** Cost Savings of an Asynchronous Telemedicine Consult Management System in Military Otolaryngology
Kastley M Marvin, MD



SECOND COMBINED POSTERS

TRIO • ASPO • AOS • ANS

SECOND COMBINED POSTER RECEPTION: FRIDAY, MAY 3, 5:30 PM – 7:00 PM • GRIFFIN HALL

TRIO POSTERS CONT.

- E074** The Role of Vitamin D in Recurrent Tonsillitis: A Systematic Review
Ahmad A Mirza, MBBS
- E075** How Do We Determine the Necessity of Surgery for Deep Neck Infection?
Keisuke M Mizuno, MD
- E076** Opioid Prescribing Patterns in Otolaryngology Residents
Alexander W Murphey, MD
- E077** Is the Gender Gap Closing in Academic Otolaryngology Subspecialties? An Analysis of Research Productivity Differences between Male and Female Otolaryngologists
Somtochi O Okafor, BS
- E078** Sound Intensities Measured During Cadaveric Cortical Bone Drilling
Pranati Pillutla, BS
- E079** Clinical Outcomes of Expansion Sphincter Pharyngoplasty for Obstructive Sleep Apnea Compared to Continuous Positive Airway Pressure Therapy
Sophia E Rokkas, BSc
- E080** Hypoglossal Nerve Stimulation Impact on Cardiovascular Risk: A Case Report
Sophia E Rokkas, BSc
- E081** Atypical Mycobacterial Infection of the Preauricular Facial Skin
Victoria Fischman, BA
- E082** Hypoglossal Nerve Stimulation in Veterans with Obstructive Sleep Apnea
Kathleen M Sarber, MD
- E083** Analysis of Pathogenic Bacteria and Complication Rates in Acute Sinusitis: A Nationwide Inpatient Study
Jonathan C Simmonds, MD
- E084** Neurophysiological Monitoring of Tongue Muscle Activation during Hypoglossal Nerve Stimulation
Joshua J Sturm, MD, PhD
- E085** Speaking Softly: Adherence to Subspecialty Guidelines in the Emergency Department
Zahrah M Taufique, MD, MBA

- E086** Impact of a Novel Teaching Paradigm on Surgical Training within the Otolaryngology-Head and Neck Surgery Residency Program in a Developing Nation
Seid Temam, MD
- E087** Ambient Pressure Tympanometry with Respiratory Maneuvers: Use in Patients with Suspected Patulous Eustachian Tube
Anthony Thai, BA
- E088** Training as a Factor for Leadership Roles in Otolaryngology Residency Programs
Brian A Walker, MD
- E089** Improving Surgical Training with SIGMA Surgical Software: Implementation with Simulation Temporal Bone Dissection
Jeremy M Feintuch, BA
- E090** Three Dimensional Anatomy Learning: A Randomized Comparative Study of a Computer Based Model of the Trigeminal Nerve
Douglas M Worrall, MD
- E091** Neural Substrates of Motor Skill Acquisition in Surgical Trainees: An fMRI Study of Otolaryngology Residents
Nina W Zhao, MD

HEAD & NECK

- E092** Recurrent Pigmented Villonodular Synovitis of the Temporomandibular Joint: Case Report and Management of Recurrence
Moriyike O Akinosum, BS
- E093** Meta-Analysis Utilizing Public Data Suggests Role of DKK1 in the Pathogenesis of Anaplastic Thyroid Carcinoma
David Z Allen, BA
- E094** AZD4547 Inhibits Progression in a cSCC Mouse Tumor Cell Xenograft Model via mTORC1 and AKT Signaling
Kent L Burton, MD

- E095** Oral Human Papillomavirus Infections and History of Tonsillectomy in US Adults
Janet S Choi, MD, MPH
- E096** Head and Neck Cancer Surgery after Admission Through the Emergency Department: Short Term Outcomes and Costs of Care
Alexander N Goel, BA
- E097** Systematic Review of Anastomotic Coupling Devices for Arterial Anastomoses in Microvascular Free Tissue Transfer
Abhijit R Gundale, MD
- E098** Influence of Tourniquet Duration on Postoperative Complications in Free Flap Reconstructive Head and Neck Cancer Surgery
John P Marinelli, BS
- E099** Aggressive Recurrent Fibromatosis with Laryngeal Involvement - A Case Report and Literature Review
Rahul Varman, MD
- E100** Thyroid Carcinoma Presentation and Treatment Outcomes Between a County Hospital and a Private Hospital
Margaret C Nurimba, BA
- E101** Endoscopic Multispectral Relative Fluorescence Lifetime Imaging for Detection of Oral Carcinoma
Yong Hu, PhD
- E102** Reconstruction of Open Maxillectomy Defects
Nicholas J Thompson, MD
- E103** Reconstructive and Oncologic Outcomes in Solid Organ Transplant Patients Undergoing Microvascular Free Tissue Transfer for Locally Advanced Cutaneous Squamous Cell Carcinoma
Ray Y Wang, MD
- E104** Meta-Analysis Delineating the Molecular Pathogenesis behind the Development of Nasopharyngeal Carcinoma
Ross Adam Wanner, BS
- E105** HPV Related Multiphenotypic Sinonasal Carcinoma: A Case Report and Literature Review
Matthew L Ward, MD

TRIO POSTERS CONT.

LARYNGOLOGY/ BRONCHESOPHAGOGY

- E106** Evaluating the Role of Simulation in Cricothyrotomy Training: A Systematic Review and Meta-Analysis
James Alrassi, BA
- E107** Ulcerative Laryngitis in Patients on Chronic Steroids: A Case Series
Vaninder K Dhillon, MD
- E108** First Case of Transglottic and Tracheal Histoplasmosis in the Setting of Known Sarcoidosis
Zachary M Helmen, BBA
- E109** Association Between Chemotherapy, Hormonal Therapy and Onabotulinum Toxin A (BoNT-A) Efficacy in the Treatment of Adductor Laryngeal Dystonia
Nikita V Kohli, MD
- E110** Management of an Aortotracheal Fistula: A Case Report
Andrew B Rees, BS
- E111** Pharyngeal and Laryngeal Dynamics During Wind Instrument Performance
Adam T Schwalje, MD, DMA
- E112** Voice and Swallowing Quality of Life in Patients with X-Linked Dystonia Parkinsonism
Sungjin A Song, MD
- E113** Prediction of Effectiveness of Antacid Treatment on Abnormal Sensation in the Throat: Use of GETS-J
Nao Takahashi
- E114** Triticeous Cartilage Identified at Autopsy: Prevalence in Different Ancestries and its Association with Agenesis of the Superior Horn of Thyroid Cartilage
Spencer D Uetz, MS4
- E115** Spontaneous Regression of Laryngeal Squamous Cell Carcinoma after Biopsy
Mariel O Watkins, MHS

OTOLOGY/NEUROTOLOGY

- E116** Diagnostic Pathways for Dizziness: Factors Associated with Setting of First Diagnosis
Meredith E Adams, MD
- E117** Melanoma of the External Auditory Canal: A Review of Seven Cases at a Tertiary Care Referral Center
Eric N Appelbaum, MD

- E118** Endoscopic Pediatric Ossiculoplasty Following Surgery for Chronic Ear Disease
Christen L Caloway, MD
- E119** Bilateral IgG4 Related Disease of the Temporal Bone and Middle Ear
Esther A Cheng, MD
- E120** Metastatic Adenocarcinoma to the Cerebellopontine Angle
Esther A Cheng, MD
- E121** Evaluating the Relation between Vestibular Migraine and Motion Sickness Susceptibility
Dillon C Cheung, BS
- E122** Radial Forearm Free Flap for Cochlear Implant Coverage in a Post-Irradiated Field
Nicholas A Dewyer, MD
- E123** Trends in Hearing Rehabilitation Use Among Vestibular Schwannoma Patients
Madeleine Drusin, MD, MSc
- E124** Endoscopic versus Microscopic Lateral to Malleus Underlay Tympanoplasty (LMUT): A Retrospective Comparative Analysis
Shanik J Fernando, MD
- E125** Trends in Vestibular Schwannoma Treatment Management and Access to Care
Khodayar Goshtasbi, BS
- E126** Safety Relevant Environmental Sound Identification Skills among Cochlear Implant Candidates and Experienced Cochlear Implant Users
Benjamin L Hamel, BS
- E127** Fungal Osteomyelitis of the Temporal Bone: Case Series and Review of the Literature
Vivian F Kaul, MD
- E128** Surgical Repair of Tegmen Dehiscence Correlates with Postoperative Eustachian Tube Dysfunction
Judith S Kempfle, MD
- E129** The Role of Microvascular Free Tissue Transfer in Patients with Cochlear Implants: A Case Series and Literature Review
Nathan R Lindquist, MD
- E130** Cutaneous Angioinvasive Fungal Infection of the Auricle
Justin Loloi, BS
- E131** Chronic Traumatic Encephalopathy for the Otolaryngologist: Emerging Evidence Regarding Audiovestibular Dysfunction
Rory J Lubner, BS
- E132** Characterization of the Microbiome of the Healthy External Auditory Canal via 16s rRNA Profiling
Rachel Marie McCabe, BS
- E133** Cochlear Implant Indications: A Review of Third Party Payers' Policies
Lindsey E Moses, MD
- E134** A Comparison of Patients Meeting Vestibular Migraine Criteria and Those not Meeting any Diagnostic Criteria
Omid Moshtaghi, MD, MS
- E135** Comprehensive Balance Testing Correlates Closely with Radiologically Documented Lateral Semicircular Canal Absence in a Competitive Gymnast with 22q11.2 Deletion Syndrome
Lindy MR Moxham, BSc
- E136** Persistence of Adult Derived Porcine Inner Ear Cell Characteristics in Culture
Printha Wijesinghe, PhD
- E137** Novel Scoring Systems for Preoperative Evaluation of Tympanic Membrane Perforation
Koshi Otsuki, MD, PhD
- E138** Poor Speech Perception Is Predictive of Greater Benefit from User Directed Music Re-Engineering for Enhancing Music Enjoyment
Joshua J Sturm, MD, PhD
- E139** Cochlear Nerve Aplasia as a Predictor of Brainstem Morphology in Children who are Candidates for the Auditory Brainstem Implant (ABI)
Ahad A Qureshi, MD
- E140** Implementation of Neural Network Based Visual Speech Recognition Program on Bamford-Kowal-Bench Speech in Noise (BKB-SIN) Test
Arun M Raghavan, BS
- E141** Association Between Cardiometabolic Risk Factors and Dizziness in African-Americans
Amrita Ray, DO, MPH



SECOND COMBINED POSTERS

TRIO • ASPO • AOS • ANS

SECOND COMBINED POSTER RECEPTION: FRIDAY, MAY 3, 5:30 PM – 7:00 PM • GRIFFIN HALL

TRIO POSTERS CONT.

E142 Practices and Perceptions of Cognitive Assessment for Adults with Age Related Hearing Loss
Mallory J Raymond, MD

E143 Thirty Day Readmission and Prolonged Length of Stay in Malignant Otitis Externa
Zachary G Schwam, MD

E144 Use of Google Trends to Evaluate for Geographical or Seasonal Variation in Search Terms for Meniere's Disease
Josh R Sen, BA

E145 Utility of Inpatient Imaging During the Workup for Vertigo: A Nationwide Analysis
Jonathan C Simmonds, MD

E146 Oticara Otic: Topical, Single Dose Application Utilized in 178 Cases of Fungal Otitis Externa
Patrick William Slater, MD

E147 Bilateral Uveitis and Sensorineural Hearing Loss in a Man with Stage IV Malignant Melanoma after Nivolumab Immunotherapy
Alex JF Tampio, MD

E148 Resting Ambient Pressure Tympanometry Provides Key Information Suggesting Alternative Diagnoses in Patients Tested for Patulous Eustachian Tube
Anthony Thai, BA

E149 No Shortage of Decibels in Music City: Evaluation of Noise Exposure in Urban Music Venues
Sarah M Tittman, MD

E150 Auditory and Head and Neck Imaging Findings in Neurofibromatosis Type 1
Jennifer R White, MD

E151 A Comparison of Outcomes of Two Intratympanic Steroid Protocols for Meniere Disease
Elizabeth O Shay, BA

PEDIATRICS

E152 Practice Patterns in Pediatric Endoscopic Sinus Surgery for Chronic Rhinosinusitis
Michael C Baxter, MD, MSc

E153 Transpalatal Approach to Repair of Bilateral Choanal Atresia in a Child with Craniofacial and Skull Base Anomalies: Revisiting an Historic Technique
Robert J Scagnelli, BA

E154 Weight Gain Velocity as Predictor of Severe Obstructive Sleep Apnea Among Obese Adolescents-- A Case Control Series
Ajay Narayanan, BS

E155 Current Evaluation and Management of Plastic Bronchitis in the Pediatric Population
Natasha D Dombrowski, BA

E156 How Pediatric Anesthesiologists Manage Children with OSA
Christopher A Roberts, MD

E157 Pediatric Endoscopic Nasal Septal Perforation Repair: A Systematic Review and Report of a Novel Technique
Lindsey E Ryan, MD

E158 Screening for Obstructive Sleep Apnea in Children with Sickle Cell Disease: A Pilot Study of 100 Patients
Stephen R Larson, MD

E159 Lateral Neck Radiography in Preoperative Evaluation of Adenoid Hypertrophy
Liuba Soldatova, MD

E160 Effect of Ibuprofen Dosing Interval on Post-Tonsillectomy Outcomes
Levi D Stevens, MD

E161 Effectiveness of Drug Induced Sleep Endoscopy or Cine MRI Driven Adenoidectomy for Children with Obstructive Sleep Apnea
James C Wang, MD, PhD

E162 Shared Decision Making and Decisional Conflict in Otolaryngology Patients
Habib G Zalzal, MD

ASPO POSTERS

AIRWAY

- F001** Subsequent Tracheostomy after Tracheoesophageal Fistula Repair: Intraoperative Considerations
Kristan Alfonso, MD
- F002** Patterns of Diagnosis and Treatment Regarding Prenatal Consults for EXIT Procedures
Harrison Cash, MD MS
- F003** Emergent Airway Management of Glottic Stenosis in a Newborn: A Novel Technique
Andrew Coniglio, MD
- F004** Improving Confidence in Ambulatory Pediatric Tracheostomy Care with the Trach Safe Emergency Airway Management Course
Steven Coppess, JD MBA
- F005** Cryoprobe Retrieval of an Airway Foreign Body: A Case Report and Literature Review
Abel David, MD
- F006** Familial and Genetic Factors in Laryngeal Cleft: Have We Learned Anything?
Natasha Dombrowski, BA
- F007** Predicting Tracheal Airway Size by Anthropomorphic Measurements
Heather Fenley, MD
- F008** Tracheostomy for Children with Trisomy 18 and 13: Ethical Ruminations, an Institutional Experience and Literature Review
Colin Fuller, MD, MS
- F009** Success Rates of Supraglottoplasty in Siblings with Laryngomalacia
Blake Holloway, MD
- F010** Injection Laryngoplasty Practices in Infants with Vocal Fold Immobility: A Survey of ASPO Members
Minyoung Jang, MD
- F011** EXIT to ECMO: A Lifesaving Technique for the Management of a Giant Obstructing Cervical Teratoma
Jacob Kahane, MD
- F012** Immediate Transition to Nocturnal Noninvasive Positive Pressure Ventilation after Tracheocutaneous Fistula Closure in Congenital Central Hypoventilation Syndrome
Samantha Kallenbach, BS
- F013** Paradoxical Vocal Fold Motion: A Unique Migraine Aura
Elise Lippmann, MD

- F014** Post-Operative Swallowing Function in Pediatric Tracheostomy Patients
Kimberly Luu, MD
- F015** Acute Pediatric Tracheitis: Rethinking the Disease as "Open" and "Closed"
Jonathan Ni, BA
- F016** Surgical Approach to a Persistent Buccopharyngeal Membrane
Erica Sher, MD
- F017** Post Operative Pediatric Tracheostomy Practice Patterns
Pedrom Sioshansi, MD
- F018** The Role of 3D Printing in Pediatric Airway Obstruction: A Systematic Review
Joshua Stramiello, MD
- F019** A Simple, Patient-Specific Pediatric Tracheostomy Emergency Airway Management (TEAM) Card for Caregivers and Emergency Providers
Graham Strub, MD/PhD
- F020** Beyond Thirty Days: Short- and Long-Term Outcomes of Young Children Undergoing Tracheostomy
Grace Tan, MD
- F021** Prophylactic Steroid Use for the Prevention of Subglottic Stenosis: A Pilot Study
Paul Wistermayer, MD

AUDIOLOGY

- F022** Parental Knowledge and Attitude to Childhood Hearing Loss and Hearing Services in Qassim, Saudi Arabia
Mazyad Alenezi, Saudi Board of Otolaryngology Head and Neck Surgery
- F023** Prevalence and Clinical Aspects of Hearing Loss Among South Korean Youths: Data from a Population-Based Study
Sung Won CHAE, MD, PhD
- F024** Sex-Specific Differences in Hearing Loss with Enlarged Vestibular Aqueduct Syndrome
Jeremy Ruthberg, MD Candidate
- F025** Readability of Online Patient Education Materials for Parents after a Failed Newborn Hearing Screen
Leah Sax, BS

- F026** Correlates of Hearing Loss in Children with Osteogenesis Imperfecta
Camille Sluder, MS
- F027** Disparities in Language Outcomes Among Children Who are Deaf and/or Hard of Hearing
Madeleine Strohl, MD
- F028** Hearing Loss in Children with Orofacial Clefts Before Age 3 Years
David Wu, BS

CRANIOFACIAL

- F029** Safety of Nasal Stenting in Pharyngeal Flap Surgery for Pediatric Velopharyngeal Dysfunction
Rakhna Araslanova, MD
- F030** Implementation of a 4-Dimensional Computed Tomography Protocol in the Evaluation of Infants with Robin Sequence
Juliana Bonilla-Velez, MD
- F031** Evaluating Post-Operative Fistula Formation in Pediatric Patients Undergoing Cleft Palate Repair
Alan Makhoul, A.B.
- F032** Submucous Cleft Palate Repair in Patients with Velocardiofacial Syndrome (22q11.2 deletion)
Brianne Roby, MD
- F033** The Role of Airway Management on Feeding Difficulties in Children with Pfeiffer Syndrome
Sunil Sharma, MBBS BSc (Hons) FRCS (ORL-HNS)
- F034** Feeding Outcomes in Pierre Robin Sequence Following Mandibular Distraction Osteogenesis
Phayvanh Sjogren, MD
- F035** 3D Printed Cleft Palate Surgical Simulator in Surgical Education: The Process of Design and Expert Evaluation to Implementation in a Training Course
Sudharsan Srinivasan, MSE
- F036** A Systematic Review of 3D Printing in Cleft Lip and Palate Care
MaryRoz Timbang, MD
- F037** Early Identification of Velopharyngeal Dysfunction in Patients with Multidisciplinary Team Care
Vanessa Torrecillas, MD



SECOND COMBINED POSTERS

TRIO • ASPO • AOS • ANS

SECOND COMBINED POSTER RECEPTION: FRIDAY, MAY 3, 5:30 PM – 7:00 PM • GRIFFIN HALL

ASPO POSTERS CONT.

F038 Radiological Measurements of Anterior Cranial Fossa Landmarks in Children with Nasal Dermoid Cysts
Keith Trimble, MD

HEAD/NECK

F039 Current Trends and 30 Day Surgical Outcomes for Thyroglossal Duct Cyst Excision in Children
Jeffrey Cheng, MD

F040 Approach to Head and Neck Sarcomas: A Single Institution Experience
Julia Dmowska, Bachelor of Engineering

F041 Rhabdomyosarcoma of the Head and Neck in Children
Natasha Dombrowski, BA

F042 The Combined Transcervical Transmanubrial Approach: An Excellent Way to Access Root of Neck Tumors While Preserving Upper Limb Function in the Pediatric Patient
Jaime Doody, FRCSI ORL-HNS

F043 Mimickers of Vascular Anomalies in the Head and Neck: Accurate Diagnosis of Lesions Referred to Multidisciplinary Vascular Anomalies Centers
James Eng, MD

F044 Treatment Outcomes of Cervicofacial Nontuberculous Mycobacteria in the Pediatric Population: A Systematic Review with Quality Appraisal
Chadi Farah, MD MSc

F045 Examination of the Facial Nerve in Pediatric Patients Using Snapchat
Rachel Georgopoulos, MD

F046 Benign Tumoral Melanosis of a Cervical Lymph Node
Mohammad Hararah, MD, MPH

F047 Piriform Sinus Tracts: A Management Paradigm Based on Cultures
Mallory Highstein, MD

F048 Comprehensive Management of Infected Pre-Auricular Pit/Cysts
Glenn Isaacson, MD

F049 Microvascular Free Flap Reconstruction in Pediatric Head and Neck Defects: One Center's Experience - Protocols and Outcomes
Cinzia Marchica, MD, MSc

F050 Real-Time Indocyanine Green Fluorescence Imaging to Determine Parathyroid Vitality in Pediatric Total Thyroidectomy
Hillary Newsome, MD

F051 Running, Falling, Climbing, and Jumping: Pediatric Head and Neck Injuries in the Home
Jeffrey Petrusek, MD

F052 Definitive Surgical Management for Second Branchial Cleft Fistula
Abhita Reddy, MD

F053 Do Distinguishing Imaging Characteristics Exist Between Plunging Ranulae and Cervical Lymphatic Malformations?
Alexander Straughan, BA

F054 Improving Preoperative Diagnosis of Thyroglossal Duct and Dermoid Cysts Using Ultrasonography
Adam Szymanowski, MD

F055 Does the Use of Ultrasound in Evaluation of Pediatric Neck Abscesses Delay Care?
Skylar Trott, MD

F056 Desmoid Tumors of the Head and Neck in the Pediatric Population: Has Anything Changed in the Past Decade?
Xue Zhao, MD

LARYNGOLOGY & BRONCHESOPHAGOLOGY

F057 Long-Term Swallowing Outcomes Following Type 1 Laryngeal Cleft Injection
Christen Caloway, MD

F058 Endoscopic Resection of Cricopharyngeal Fibrosis and Use of a Salivary Bypass Tube for Refractory Cricopharyngeal Achalasia
Rebecca Compton, MD

F059 Laryngeal Reinnervation Using Nerve Muscle Pedicle in Pediatric Patients
Pierre Fayoux, MD, PhD

F060 Advanced Learners, New Skills: Using a 3D Printed Pediatric Airway Simulator to Teach Non-Otolaryngologists Foreign Body Retrieval
Katherine Kavanagh, MD

F061 Characteristics and Performance of the Premature Pediatric Dysphagia Population on Serial Swallow Studies
Preeti Kohli, MD

F062 Pediatric Foreign Body Aspiration: Factors Affecting Outcomes
Michael Paap, BA

F063 A Novel Approach to Tracheal Agensis: A Case Report
Alexander Straughan, BA

F064 Bronchoscopic Assessment of Airway Patency in a Mouse Model of Tracheal Replacement
Audrey White, BS

LYMPHOVASCULAR

F065 Intralesional Bleomycin for Treatment of Oral Cavity Lymphatic Malformations: A Systematic Review of the Literature
Tania Benjamin, BS

F066 Management of Pediatric Arteriovenous Malformation of the Mandible Using a Multidisciplinary Team Approach
Nima Vahidi, MD

MOLECULAR BIOLOGY – GENETICS

F067 Hiding in Plain Sight: Genetic Hearing and Vision Loss Not Always Usher Syndrome
Genevieve Medina, BA

F068 Waardenburg Syndrome Type 4: New Pathogenic Variants and Evolving Phenotypes
Maithilee Menezes, MD

F069 Craniofacial and Otolologic Manifestations of Patients with CHARGE Syndrome: An Update for Pediatric Otolaryngologists
Rounak Rawal, MD

ASPO POSTERS CONT.

- F070** When Occam's Razor Does Not Apply: Down Syndrome and Genetic Non-Syndromic Hearing Loss are Independent Risk Factors for Childhood Hearing Loss
Eliot Shearer, MD, PhD

OBSTRUCTIVE SLEEP APNEA

- F071** Correlation of Obstructive Sleep Apnea Severity with Middle Ear Pressure Measurements in Children
Sadia Ahmed, BA
- F072** Tonsil Surgery for Obstructive Sleep Apnea in Children Age 12 Months or Less: A Case Series
Syed Ali, BS
- F073** Site of Obstruction in Pediatric OSA
Anuja Bandyopadhyay, MBBS
- F074** Big Data for Predicting Postoperative Respiratory Complications in Children with Obstructive Sleep Apnea
Catherine della Santina
- F075** Evaluating the Pediatric Sleep Questionnaire and OSA-18 in Children with Down Syndrome
Sarah Florig, BS
- F076** Pediatric Drug Induced Sleep Endoscopy: Test-Retest Reliability and Changes with Sleep Surgery
Christopher Hargunani, MD
- F077** The Effect of Tonsillectomy and Adenoidectomy on Upper Airway Obstruction Patterns in Children with Obstructive Sleep Apnea
Kelsey Mothersole, MD
- F078** Evaluating the Durability of Drug-Induced Sleep Endoscopy-Based Multilevel Sleep Surgery Procedures in Pediatric Patients with Refractory Obstructive Sleep Apnea
Mark Naguib, BS
- F079** Comparative Assessment of Drug Induced Sleep Endoscopy Scoring Systems in Pediatric Obstructive Sleep Apnea
Melecio Medina, MD

OTHER

- F080** Adult Perspectives on Subject Recruitment for Research Involving Children
Milan Amin, BA, MTM
- F081** Epidemiology and Management of Mouth Cellulitis in United States Emergency Departments
Elisa Berson, BS

- F082** Comparison of Non-Invasive and Conventional Methods to Measure Primary Stability of Bone Anchored Hearing Implants in Cadaveric Skull Bones
Aren Bezdjian, PhD

- F083** An Inter Variability Study Assessing Skin Tolerability of Percutaneous Bone Anchored Hearing Implants Using the Holger's Classification, the IPS, and Tullamore Scales
Marco Bianchi, RN

- F084** Otic Drops - The Price of Politics
Andrew Bluher, MD

- F085** Speech Pathology Feeding Evaluation of Referrals for Frenotomy: An Institutional Experience with 100 Infants
Christen Caloway, MD

- F086** Parent Use of the Internet as a Source of Medical Information for their Child's Healthcare: A Pilot Study in Pediatric Otolaryngology
Rebecca Empey, BS

- F087** Turn Analysis and Patient Centeredness in Pediatric Otolaryngology Surgical Consultations
David Forner, MD

- F088** The Frankentower: A Clinician-Driven Approach to Optimizing Endoscopic Data Technology
Jonathan Grischkan, MD MS

- F089** Early Presentation of Multiple Sclerosis in a 17 year old Male with Sudden Sensorineural Hearing Loss
Kristina Keppel, DNP

- F090** Racket Sports Related Injuries In Pediatric Athletes - A 5 Year National Retrospective Study
Patrick Scheffler, MD, CM

- F091** An Assessment of the Impact of the American Society of Pediatric Otolaryngology CORE Grant Funding Mechanism
Mahbuba Tusty, BSc

- F092** Anxiety, Worry and Intolerance of Uncertainty and Decisional Conflict in Parents of Children Undergoing Otolaryngological Surgery
Habib Zalzal, MD

OTITIS MEDIA

- F093** Role of Primary or Revision Adenoidectomy on Eustachian Tube Function
Cuneyt Alper, MD

- F094** Exceptionally Early Tympanostomy Tube Placement
Ido Badash, BA

- F095** The Impact of Continuity of Care on Antibiotic Prescribing in Pediatric Patients with Acute Otitis Media
Shelby Barrera, BS

- F096** The Safety and Efficacy of Balloon Dilation Eustachian Tuboplasty in Children
Joshua Gurberg, MD, CM

- F097** Development of a New Eustachian Tube Function Test: Modeling Effects of Upper Airway Volume on Tubomanometry vs. Earpopper Pressure Curves
Audrey Lim, BS

OTOLOGY

- F098** Partial Gelfoam Myringoplasty with Ventilation Tube Placement
Michael Belsky, BS

- F099** Impact of Routine Use of Oto-Endoscopic Exam in Cholesteatoma Surgery in Children Less Than 8 Years on the Rate of Recidivism at 1 Year from Surgery
Diptarka Bhattacharyya, MD

- F100** Sensorineural Hearing Loss in Microtia: Incidence and Risk Factors
Vanina Chavarri, MD

- F101** Mesenchymal Stem Cells for Sensorineural Hearing Loss: Systematic Review of Preclinical Studies
Kevin Chorath, BS

- F102** Management of Infectious Risks in Pediatric Cochlear Implantation
Owen Darr, MD

- F103** Intraoperative Image-Guidance for Implanted Hearing Devices
Sarah Gitomer, MD

- F104** Hearing Loss in Children with Marfan Syndrome
Alexandra Hamberis, BS

- F105** Endoscopic Ear Surgery in Children with Down Syndrome
Christopher Hargunani, MD

- F106** Progression of Hearing Loss and Cochlear Implantation in Large Vestibular Aqueduct Syndrome
Nanki Hura, BS

- F107** Cardiac Anomalies in Microtia Patients at a Tertiary Pediatric Center
Sameer Kini, BA



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ASPO POSTERS CONT.

F108 The Impact of Neuropsychiatric Diagnosis on Treatment Choice and Utility in Pediatric Single Sided Deafness

Noga Lipschitz, MD

F109 Speech and Language Outcomes in Mild Unilateral Sensorineural Hearing Loss

Chengetai Mahomva, MD

F110 Is There a Role for Computed Tomography Scanning in Microtia with Complete Aural Atresia to Rule Out Cholesteatoma?

Lindy Moxham, BSc(Hons)

F111 Socioeconomic Factors, Presentation and Outcomes of Cholesteatoma in the Pediatric Population

Carolyn Mulvey, MD

F112 Management and Outcomes of Subperiosteal Abscess: A Review of National Data

Carolyn Mulvey, MD

F113 Implementation of an Ear Molding Service in the Newborn Population

Tien Pham, MSN, RN, CPNP-AC

F114 Outcomes with Non-Sedated MRI for Infants with Sensorineural Hearing Loss

Evette Ronner, BA

F115 Impact of Gastroesophageal Reflux Disease on Childhood Hearing and Otologic Outcomes

Caroline Schaffer, BS

F116 Systematic Review of Outcomes after Cochlear Implantation in Children with X-Linked Deafness-2 (DFNX2)

Joshua Smith, BA

F117 Pediatric Temporal Bone Fractures: Utilization of Computed Tomography Imaging at a Large Level I Trauma Center

Mikhaylo Szczupak, MD

F118 Natural History of Unilateral Large Vestibular Aqueduct: Recommendations for Hearing Amplification and Cochlear Implantation

Kristin Tissera

F119 The Role of Superficial Cervical Plexus Block in Children Undergoing Major Ear Surgery

Elizabeth Walker, MSc

F120 Pediatric Cartilage Inlay Tympanoplasty

Michael Weinstock, MD

F121 Video-Otoscopy in Sustainable Hearing Screening Programs Led by Community Health Workers in Low-Income Countries

Kristen Yancey, MD

OUTCOMES

F122 Speaking in Tongues: What Parents Really Think about Tongue Tie Surgery for their Infants

Tai Kyung Hairston, BS

F123 Croup in the Emergency Department: An Eight-Year Analysis of Trends and Repeat Admissions Using Two National Datasets

Jonathan Hanna, BS

F124 Pediatric Epiglottitis: An Analysis of over 7,000 Emergency Department and Inpatient Cases from 2007 to 2015 Using Two National Datasets

Jonathan Hanna, BS

F125 Diagnostic Outcomes of Otherwise Healthy Pediatric Patients with Dysphagia

Caroline Hudson, MD

F126 Evaluation of the New Complex Breathlessness Clinic

Sunil Sharma, MBBS BSc (Hons) FRCS (ORL-HNS)

F127 Safety of Pediatric Thyroidectomies: A 2012-2016 NSQIP-P Analysis

Sina Torabi, BA

F128 Postoperative Complications after Transoral versus Transcervical Drainage of Retropharyngeal Abscesses in Children

Habib Zaizal, MD

PLASTIC & RECONSTRUCTIVE

F129 Comparing Autologous versus Allogenic Rib Grafting in Cleft Rhinoplasty

Louis Insalaco, MD

F130 Predicting How Nasal Symmetry Changes Over Time Following Primary Cleft Rhinoplasty

Raheem Lawrence, BS

F131 Outcomes for Pre-Auricular Sinus Surgery - Sinusectomy vs. Supra-Auricular Approach

Sunil Sharma, MBBS BSc (Hons) FRCS (ORL-HNS)

QUALITY INITIATIVES & HEALTH POLICY

F132 Application Driven Post-Operative Care in the Pediatric Tonsillectomy Population: A Prospective Survey-Based Pilot Study

S Ahmed Ali, MD

F133 A Quality Improvement Effort to Increase Safety During Airway Emergencies in Tracheostomy-Dependent Children

Richard Law, MD

F134 Improving the Pediatric Floor Discharge Process Following Tonsillectomy

Danielle Bottalico, MD, MPH

F135 Determining Cost of Tracheostomy Using Time-based Accounting and a Defined Cycle of Care

Christen Caloway, MD

F136 Multicenter Complex Advanced Pediatric Fellowship Prep Surgical Simulation Course with 3D Printed High-Fidelity Models

Brian Chang, BS

F137 Does Influenza Vaccination or RSV Prophylaxis Impact Resource Utilization for Children after the Diagnosis of Airway Disorders

Jeffrey Cheng, MD

F138 Utility of a Post-Operative Transitional Care Unit for Pediatric Otolaryngology Patients

Jeffrey Criswell, MS, CPNP

F139 Evolving Pediatric Tracheostomy Practice at a Thai Tertiary Hospital: Implementing Western Protocol in a Middle-Income Country

Pholwat Dudsdeemaytha

ASPO POSTERS CONT.

- F140** Impact of Interpreter Type on Patient Cycle Time and Family Satisfaction in Spanish Speaking Patients in a Pediatric Otolaryngology Clinic
Allison Hammer, MSN
- F141** A Targeted Tracheostomy Care Educational Initiative to Augment Resuscitation Training in the Pediatric Setting
Kinneri Mehta, MD
- F142** Racial/Ethnic and Insurance Disparities in Pediatric Cochlear Implantation: A Population-Based Study
Cedric Pritchett, MD, MPH, FAAP
- F143** Trend in Follow Up of Failed Hearing Screen and Identification of Congenital CMV Infection with Implementation of EPIC
Eileen Raynor, MD
- F144** Health Disparities in the Access and Cost of Healthcare for Otolaryngologic Conditions
Jeremy Ruthberg, MD Candidate
- F145** Effect of Payer Type on Airway Foreign Bronchoscopy Outcomes Using a National Inpatient Database
Phayvanh Sjogren, MD
- F146** Improved Delivery of Care after Hiring a Pediatric Cochlear Implant Coordinator
Adam Van Horn, MD
- F147** Changing Patterns of Opioid Prescriptions in Pediatric Otolaryngology in Appalachia
Madeline Weltzer, BS

RHINOLOGY/SINUS

- F148** Psychometric Evaluation of the Nasal Obstruction Symptom Evaluation Scale for Pediatric Patients
Hena Din, MPH
- F149** Assessing the Agreement Between Caregiver and Patient Sino-Nasal Outcome Test (SNOT-22) Survey Submissions in the Pediatric Cystic Fibrosis Patient Population
Rod Teasley, MD, JD
- F150** CT Scans Performed for Periorbital Complications of Sinusitis: Are They All Necessary?
Elizabeth Theng, BA

SKULL BASE SURGERY

- F151** The Luckiest Girl in the World: Transpalatal Penetration of the Brain By a Knitting Needle Without Major Injury
Matthew Miller, BA

SLEEP

- F152** Childhood Functioning in Children Undergoing Tonsillectomy
Samantha Allen, MD
- F153** Efficacy of Adenoidectomy for the Treatment of Non-Severe Sleep Apnea in Children
Cristina Baldassari, MD
- F154** Stratification of Pediatric Obstructive Sleep Apnea Using Machine Learning and Actigraphy
Dylan Bertoni, MS
- F155** Comparison of Outcomes for Obese vs. Non-Obese Children Undergoing Sleep Surgery for Obstructive Sleep-Disordered Breathing Using a National Inpatient Database
Mark Costello, MD
- F156** Postoperative Polysomnogram Practice Patterns Following Adenotonsillectomy in High Risk Children
Christian Francom, MD
- F157** Post-Operative Respiratory Complication Incidence and Predictors in Obese Children Undergoing Adenotonsillectomy
Ellen Kettler, BS
- F158** Effect of Supraglottic Findings on Drug-Induced Sleep Endoscopy or Cine MRI Driven Adenotonsillar Surgery for Pediatric Obstructive Sleep Apnea
David Lee, MD
- F159** Cost-Effectiveness of Polysomnography in the Management of Pediatric Obstructive Sleep Apnea
Margaret Mitchell, BA
- F160** Obstructive Sleep Apnea Outcomes in Children with Psychiatric Disorders
Melissa Scholes, MD

TONSILS & ADENOIDS

- F161** Does Inpatient or Outpatient Management of Peritonsillar Abscess Affect Recurrence?
David Allen, BA

- F162** The Timing of Post-Tonsillectomy Hemorrhage Based on Surgical Method
Ashley Altman, MD
- F163** Post-Operative Hemorrhage Rates in Intracapsular Tonsillectomy: A 6-year Experience
Steven Chau, MD
- F164** Transcutaneous CO2 Monitoring in Children Undergoing Adenotonsillectomy
Debra Don, MD
- F165** Suggested Standardized Algorithm for Evaluating Potential Morbid Adenoidectomy Complications
Christian Francom, MD
- F166** Implementation of a Peri-Operative Text Messaging Program for Pediatric Tonsillectomy
Thomas Gessert, MD
- F167** The Impact of a Novel Tonsillectomy and Adenoidectomy Post-Operative Pathway on Hospital Flow and End-User Experience
Christopher Grindle, MD
- F168** Aminocaproic Acid in the Management of Post-Tonsillectomy Hemorrhage in Children
Nadine Haykal, MD, MPH
- F169** Impact of Weather on Rate of Post-Operative Tonsillectomy Bleeding
Hongzhao Ji, MD
- F170** A Cross-Sectional Analysis of Outcomes after Tonsillectomy Among Children with Pulmonary Hypertension
Alyson Kaplan, MD
- F171** Medical Management of the Peritonsillar Abscess (PTA) Among Pediatric Patients - A Case-Control Study
Ramya Krothapally, BS
- F172** Implication of ASA-PS on Outcomes of Tonsillectomy and Adenoidectomy
Ishwarya Mamidi, BS
- F173** ICU Admissions Post-Tonsillectomy in a Pediatric Population
Connie Paik, BS



SECOND COMBINED POSTERS

TRIO • ASPO • AOS • ANS

SECOND COMBINED POSTER RECEPTION: FRIDAY, MAY 3, 5:30 PM – 7:00 PM • GRIFFIN HALL

ASPO POSTERS CONT.

- F174** A Systematic Review of Subjective Tonsil and Adenoid Size and Adenotonsillectomy Outcomes
Bailey Pierce, BS
- F175** Risk Factors in the Development of Adenoid Hypertrophy Requiring Surgical Intervention in Preterm Infants with Bronchopulmonary Dysplasia (BPD)
Andrew Rees, BS
- F176** Efficacy of Topical Silver Nitrate for Control of Post-Tonsillectomy Oropharyngeal Hemorrhage
Eric Rohe, MS
- F177** Exploring the Link Between Adenoid Regrowth and Obesity in the Pediatric Obstructive Sleep Apnea Patient Population
Mary Stuckey, MD Candidate, Class of 2021

- F178** Disparities in Healthcare Utilization in Pediatric Patients Following Tonsillectomy
Vikrum Thimmappa, MD
- F179** Using the NSQIP-P to Examine Peritonsillar Abscess Patients
Cynthia Wang, MD
- F180** Revision Tonsillectomy After Tonsillotomy
Oshri Wasserzug, MD

VOICE

- F181** Prevalence of Pediatric Voice Disorders in United States Emergency Departments
Elisa Berson, BS
- F182** Pediatric Dysphonia: When to Refer?
Anne Hseu, MD

- F183** Laryngeal Pathologies in Dysphonic Down Syndrome Children
Anne Hseu, MD
- F184** Does the Presentation of Respiratory Papillomatosis Change Treatment and Outcomes?
Emily Wikner, BS
- F185** Characteristics of Velopharyngeal Dysfunction in 22q11.2 Deletion Syndrome
Peng You, MD
- F186** Long Term Follow Up of Vocal Fold Mobility in Children After Congenital Heart Surgery
Justin Yu, BS
- F187** Orbital Decompression in the Pediatric Population: A Systematic Review
Conor Blanco, DO

AOS POSTERS

- G001** Reducing Postoperative Call Volume through Verbal Preoperative Education
Alexander Chern, MD
- G002** Hearing Loss's Incidence and Impact on Employment in the United States
Kian Tehranchi, BS
- G003** Precurved Electrode Insertion Techniques Affect Final Electrode Position in Temporal Bones
William G Morrel, MD
- G004** Outcomes of Primary Pediatric Stapedotomy
Joshua C Page (primary)
Victoria Gau, MD (presenter)
- G005** Surgical Intervention for Acute Mastoiditis. 10 Year's Experience of a Tertiary Children Hospital
Sagit Stern Shavit, MD
- G006** National 30-day Readmission and Hospitalization Patterns in Acute Mastoiditis
Zachary G Schwam, MD
- G007** T-tubes Through Cartilage Tympanoplasty: Is it Worth the Perforation Risk?
Anna Celeste Gibson, BS

- G008** Round Window and Facial Recess Packing Alter Cochlear Implant Electrode Distance to the Modiolus in the Basal Turn Using a Cadaveric Model
Matthew M Dedmon, MD, PhD
- G009** Distinct Temporal Bone Dissection Scales Demonstrate Equivalence in Distinguishing Trainee Performance
Shubhi Singh, MD
- G010** Density of Macrophage Immunostained with Anti Iba1+ Antibody in the Vestibular Endorgans after Cochlear Implantation in the Human
Tadao Okayasu, MD, PhD
- G011** Hearing Preservation with the Use of Flex20 and Flex24 Electrodes in Patients with Partial Deafness
Piotr H Skarzynski, PhD, MD, MS
- G012** Can Unaided Audiologic Testing Be Used as a Surrogate to Determine Cochlear Implant Candidacy?
Stephany J Ngombu

- G013** Potential Confounding Factors May Bias the Association Between Configurations of the Vertebrobasilar Artery System and the Incidence of Idiopathic Sudden Sensorineural Hearing Loss and Canal Paresis
Ayako Maruyama, MD (primary)
Yoshiyuki Kawashima, MD, PhD (presenter)
- G014** Comparison of HF Mid-scala and Helix CI Electrode Performance
Arne Ernst, MD, PhD
- G015** Evaluation of a Wireless CROS Device with the NAIDA Q90 Speech Processor
Arne Ernst, MD, PhD
- G016** Use of Google Trends to Evaluate for Geographical or Seasonal Variation in Search Terms for Benign Paroxysmal Positional Vertigo
Josh Raj Sen, BA
- G017** Utility of the EAONO/JOS Staging System to Predict Cholesteatoma Recidivism after Canal-Wall-Up Tympanomastoidectomy
Simon I Angeli, MD

AOS POSTERS CONT.

- G018** A Protocol for Intra-Operative Imaging of Cochlear Implantation
Stephanie J Wong, MD
- G019** Cochlear Implantation in Labyrinthitis Ossificans: Long-Term Outcomes
Ashley M Nassiri, MD, MBA
- G020** Scalar Location and Modiolar Proximity in Precurved Electrode Arrays Inserted Using an External Sheath with Over-Insertion and Pull-Back Technique
Ashley M Nassiri, MD, MBA
- G021** Cochlear Implantation in Patients with Meniere's Disease: Does Disease Activity Affect the Outcome?
Armine Kocharyan, MD
- G022** Stryker Surgical Simulator: Temporal Bone Simulator Validation Study
Charles D Meyer, MD
- G023** Comparison of Materials Used for 3D-Printing Temporal Bone Models to Simulate Surgical Dissection
Alexandra McMillan, PhD
- G024** Comparison of Transcanal Endoscopic and Microscopic Improved Simple Underlay Myringoplasty
Yusuke Okanoue, MD
- G025** Educational Value of Endoscopic Versus Microscopic Ear Surgery
Sarah E Maurrasse, MD
- G026** Prospective Evaluation of Opioid Consumption after Otologic Surgery
Z Jason Qian, MD
- G027** Sensitivity of High-Resolution Computed Tomography in Otosclerosis Patients undergoing Primary Stapedectomy
Anne K Maxwell, MD
- G028** Management of Acute Mastoiditis with Immediate Needle Aspiration for Subperiosteal Abscess
Noam Bartov, MD
- G029** Predicting Cochlear Implant Candidacy Using Routine Audiometric Data
John Wilson IV, BS
- G030** Cochlear Histopathology in Human Genetic Hearing Loss: Implications for Gene Therapy
Krishna Bommakanti, BA
- G031** Pharmacological Prevention of Noise-Induced Hearing Loss: A Systematic Review and Meta-Analysis
Avigeeet Gupta, BS
- G032** Pre-Operative Criteria Predict Operative Time Variability within Tympanoplasty CPT Codes
Karissa L LeClair, BS
- G033** Effect of Congenital Hydrocephalus on Hearing Loss in Children
Charmee H Mehta, BSPH
- G034** Postoperative Healthcare Utilization of Elderly Adults after Cochlear Implantation
Mallory J Raymond, MD
- G035** Benign Paroxysmal Positional Vertigo in Young Adults: A Nine-Year Retrospective Review
David D Walker, MD
- G036** Review of the Safety and Efficacy of the Slot Middle Fossa Craniotomy Approach for Cerebral Spinal Fluid (CSF) Leak Repair Secondary to Tegmen Dehiscence
Naushad M Khakoo, MD
- G037** Following Mild Traumatic Brain Injury Patients Have Auditory Symptoms Despite Normal Behavioral Audiometry
Renata M Knoll
- G038** Internal Auditory Canal Diameter is a Marker of Hearing Loss Severity in CHARGE Syndrome
Kareem O Tawfik, MD
- G039** Correlation of Preoperative Mini-MoCA Testing and Postoperative Speech Outcomes in Cochlear Implant Recipients
Karl W Doerfer, MD
- G040** Comparing Outcomes and Programming Parameters for Precurved and Straight Electrodes: A Matched Cohort Comparison Study
Jourdan T Holder, AuD

ANS POSTERS

- H001** Cochlear Implantation in Patients with Neurofibromatosis Type-2
Anthony M Tolisano, MD
- H002** A Retrospective Matched Comparison of Endolymphatic Shunt Surgery and Intratympanic Gentamicin for Meniere's Disease
Alec W Gibson, BS
- H003** National 30-Day Readmission and Prolonged Length of Stay after Vestibular Schwannoma Surgery: Analysis of the Nationwide Readmissions Database
Zachary G Schwam, MD
- H004** Completion of an Individualized Learning Plan (ILP) for Otology-Related Milestone Sub-Competencies Leads to Improved Otology Section OTE Scores
Michael M Pennock, MD
- H005** Involvement of the Cochlear Aqueduct by Jugular Paraganglioma is Associated with Sensorineural Hearing Loss
Neil S Patel, MD
- H006** Utilizing Migraine Prophylaxis to Improve the Vertigo Symptoms of Patients with Vestibular Migraine
Dillon C Cheung, BS
- H007** Sigmoid Sinus Occlusion after Translabyrinthine Resection of Acoustic Neuroma
Kareem O Tawfik, MD
- H008** Validated Questionnaire to Measure the Severity of Persistent Postural-Perceptual Dizziness (PPPD)
Chihiro Yagi, MD
- H009** Hearing Preservation Outcomes Using a Precurved Electrode Array Inserted Using an External Sheath
Ashley M Nassiri, MD, MBA
- H010** Natural History of Facial Weakness Following Acoustic Surgery: A Tertiary Care Cohort
Alexander L Luryi, MD



SECOND COMBINED POSTERS

TRIO • ASPO • AOS • ANS

SECOND COMBINED POSTER RECEPTION: FRIDAY, MAY 3, 5:30 PM – 7:00 PM • GRIFFIN HALL

ANS POSTERS CONT.

- H011** Associations of Vestibular Tests with Penn Acoustic Neuroma Quality of Life Scores after Resection of Vestibular Schwannoma
C Scott Brown, MD (primary)
David M Kaylie, MD (presenter)
- H012** Evaluating the Effect of Inter-Implant Time for Bilateral Cochlear Implants in Adults
Timothy K Koo
- H013** Modified Electrodiagnostic Testing for Acute Facial Nerve Paralysis
Nicholas S Andresen, MD
- H014** Surveillance with High-Resolution T2 MRI after Resection of Vestibular Schwannoma: Volumetric Comparison
Nauman F Manzoor, MD
- H015** Cochlear Implant Mapping Through Telemedicine – A Non-Inferiority Study
Jacob I Tower, MD
- H016** Impact of Obstructive Sleep Apnea and Obesity on Outcomes of Lateral Skull Base Cerebrospinal Fluid Leak Repair
Kristen L Yancey, MD
- H017** The Cost of Skull Base Surgery for the Resection of Vestibular Schwannomas
Joe Saliba, MD, MS
- H018** The Opioid Crisis: Are We Part of the Problem?
Kathryn Y Noonan, MD
- H019** Middle Fossa BONEBRIDGE Implantation with Self-Drilling Screws – Audiometric Outcomes in Conductive and Mixed Hearing Loss
Lauren Siegel, MSc
- H020** Assessment of the Role Of Gender on Early Postoperative Cochlear Implant Outcomes
Mallory Raymond, MD
- H021** Validation of High-Frequency Ovpmp Testing in the Evaluation of Possible Superior Semicircular Canal Dehiscence
Kenny Lin, MD (primary)
Dennis Bojrab, MD (presenter)
- H022** Comparison of Presentation Of Spontaneous Temporal Bone Cerebrospinal Fluid Leaks from the Middle and Posterior Fossa and Management of Posterior Fossa Leaks
Timothy Cooper, MD
- H023** Intraoperative Cochlear Physiology During Translabyrinthine Approaches
Kevin Y Zhan, MD
- H024** Cochlear Enhancement Precedes Cochlear Obliteration after Excision of Vestibular Schwannoma
Isaac D Erbele, MD
- H025** Analysis of Intraoperative Electrocochleography in Patients with Meniere's Disease Undergoing Endolymphatic Decompression and Shunt Surgery
Jameson K Mattingly, MD
- H026** Hearing Loss Associated with Osteoradionecrosis of the Temporal Bone
Paul W Gidley, MD
- H027** Is Longer Surgery More Dangerous? Operative Duration Not Associated with Complications after Vestibular Schwannoma Resection
Noga Lipschitz, MD
- H028** Detection Rates of Cholesteatoma with Preoperative Non-Echo Planar Diffusion-Weighted MRI in Patients Who Underwent Tympanomastoidectomy
Ethan H Arnaud
- H029** Trends in Age of Cochlear Implant Recipients, and the Impact on Complication Rates
Shayan Fakurnejad
- H030** Treating the Individual Ear In Children: Results of Cochlear Implantation in Children with Asymmetric Sensory Hearing Loss
Elizabeth Perkins, MD
- H031** Electrode Type and its Impact on Impedance Fluctuations and Loss of Residual Hearing in Cochlear Implantation
Nicholas J Thompson, MD
- H032** Custom Mastoid-Fitting Templates to Improve Cochlear Implant Electrode Insertion Trajectory
William G Morrel, MD
- H033** Impact of Cochlear Implantation on Speech Perception, Health Utility, and Cognition in Elderly Adults, Results from a Multi-Center Trial
Cameron C Wick, MD
- H034** Insertion Depth of Pre-Curved Cochlear Implant Electrodes
Rueben Banalagay
- H035** Characterizing Mechanisms of Intracochlear Pressure Spikes During Cochlear Implantation via Simultaneous Cochlear Fluoroscopy and Intracochlear Pressure Measurements
Joseph R Gonzalez, MD
- H036** Time-Based Assessment of Hearing Preservation Rates after Microsurgical Resection of Vestibular Schwannomas: Systematic Review and Treatment Comparison
Anastasia Hunt, BS
- H037** Understanding the Dizziness Handicap Inventory (DHI): A Cross Sectional Analysis of Symptom Factors that Contribute to DHI Variance
Eric Formeister, MD
- H038** Mechanical Energy Dissipation Through the Ossicular Chain and Vestibular Organ Using Laser Doppler Vibrometer Measurement of Round Window Velocity
John W Lally, MD
- H039** Hearing Preservation in Elderly Cochlear Implant Recipients
Holden D Sanders
- H040** Factors Affecting Cochlear Patency after Retrosigmoid Surgery
Sachin Gupta, MD

BUSINESS & SOCIAL EVENTS

ALL EVENT LOCATIONS WITHIN THE JW MARRIOTT AUSTIN UNLESS OTHERWISE NOTED.

TUESDAY APRIL 30

AHNS Thyroid, Parathyroid, and Neck Ultrasound Course (ACS Exported Course) - Didactics
7:30 am - 1:00 pm • Room 502-503

ABEA BBTF and Council Meeting
12:00 pm - 7:00 pm • Room 206

ALA Council Meeting
12:00 pm - 5:00 pm • Room 301

AHNS TORS Curriculum for Fellows Didactic Course
1:00 pm - 5:00 pm • Room 401

AHNS Thyroid, Parathyroid, and Neck Ultrasound Course (ACS Exported Course) - Hands on Lab
1:00 pm - 4:30 pm • Room 402-403

AHNS Council Meeting
1:00 pm - 5:00 pm • Room 203-204

AHNS Thyroid and Parathyroid Surgery Course for Residents and Fellows
1:15 pm - 5:15 pm • Room 502-503

ABEA Council Meeting
4:00 pm - 6:00 pm • Grand 4

ABEA Council Dinner
6:30 pm - 9:00 pm • Off Site

WEDNESDAY MAY 1

AHNS Centurion Club Lounge
7:00 am - 5:00 pm • Room 306

ALA Business Meeting
7:00 am - 8:00 am • Grand 7-8

ABEA Business Meeting
1:00 pm - 1:30 pm • Grand 7-8

ABEA DSS of ABEA
4:00 pm - 7:00 pm • Grand 3-4

AHNS Business Meeting
5:00 pm - 6:00 pm • Grand 5

AAFPRS Essentials Plastic Surgery Course
5:30 pm - 9:00 pm • Grand 1-2

AHNS Fellowship Information Session
6:00 pm - 7:00 pm • Room 502-503

AHNS Endocrine Section Business Meeting
6:00 pm - 7:00 pm • Room 301-302

ALA President's Reception
7:00 pm - 10:00 pm • Brazos Room

THURSDAY MAY 2

ALA Post Graduate Symposium
6:15 am - 7:30 am • Room 504

AOS Council Meeting
6:30 am - 9:15 am • Room 201

AHNS Centurion Club Lounge
7:00 am - 5:00 pm • Room 306

SOHN Course
7:30 am - 5:00 pm • Grand 3

ANS Executive Council Meeting
9:30 am - 12:30 pm • Room 205

ASPO Committee Meetings
11:00 am - 9:00 pm • Room 401, 408, and 409

ASPO Board Meeting
12:00 pm - 3:30 pm • Grand 4

TRIO Executive Committee/Council
12:00 pm - 5:30 pm • Room 402-403

AOS / ANS Joint Council Luncheon
1:00 pm - 3:30 pm • Room 201

ASPO Pan Leadership Meeting
3:45 pm - 5:00 pm • Grand 4

COSM SLC Meeting
5:15 pm - 6:30 pm • Room 203

1st Combined Poster Session: AAFPRS, ABEA, AHNS, and ALA
5:30 pm - 7:00 pm • Griffin Hall

AADO Council Meeting
6:30 pm - 7:30 pm • Room 201

AHNS President's Reception
7:30 pm - 8:30 pm • Grand 2

FRIDAY MAY 3

AADO Business Meeting
6:00 am - 7:00 am • Grand 1-2

ASPO Committee Meetings
6:00 am - 12:00 pm • Room 504

ANS Education Committee Meeting
7:00 am - 8:30 am • Room 206

TRIO Business Meeting / New Fellow Ceremony & Reception
7:00 am - 8:00 am • Grand 6

SOHN Course
7:30 am - 5:00 pm • Grand 3

COSM Exhibitor Meet and Greet
8:00 am - 8:30 am • Room 207

O&N Board of Directors
9:00 am - 10:30 am • Room 206

ANS Business Meeting
1:00 pm - 1:30 pm • Grand 6

COSM 2nd Combined Poster Session: ANS, AOS, ASPO, and TRIO
5:30 pm - 7:00 pm • Griffin Hall

WiN Reception (Women in Neurotology)
6:00 pm - 7:00 pm • Room 203-204

ANS 54th Annual President's Reception
7:00 pm - 8:30 pm • Grand 2

SATURDAY MAY 4

ASPO Past Presidents' Breakfast
6:30 am - 7:30 am • Room 402

ANS Business Meeting
7:00 am - 7:30 am • Grand 7-8

TRIO Annual Business Meeting
7:00 am - 8:00 am • Grand 6

ASPO Business Meeting, Awards Ceremony and New Member Welcome
7:45 am - 9:10am • Grand 5

AOS Business Meeting
1:00 pm - 1:20 pm • Grand 7-8

AOS 152nd Annual President's Reception
6:30 pm - 7:15 pm • Grand Foyer

ASPO Banquet
7:00 pm - 10:00 pm • Maggie Mae's 323 E 6th Street

AOS 152nd President's Banquet
7:15 pm - 10:30 pm • Grand 1-3

SUNDAY MAY 5

ASPO Fun Run
6:30 am - 7:15 am • Lobby

AOS Business Meeting
7:00 am - 7:30 am • Grand 7-8

ASPO Networking Breakfast
7:15 am - 8:00 am • Grand 5 Foyer



EXHIBITOR LISTINGS

A

Acclarent, Inc. 201

<http://www.acclarent.com>

Acclarent, Inc., our singular focus is to free patients to live better lives by designing, developing and commercializing medical devices that address conditions affecting the ear, nose, and throat.

Advocate Children's Hospital 813

<https://www.advocatechildrenshospital.com/>

As part of Advocate Aurora Health Care, Chicagoland's Advocate Children's Hospital is the largest network provider of pediatric services in Illinois and the 10th largest healthcare system in the US.

Aerin Medical, Inc. 708

<http://www.aerinmedical.com>

Aerin Medical is focused on improving patient's breathing and quality of life. VIVAER® Nasal Airway Remodeling enables physicians to treat nasal airway obstruction without the need for incisions or implants.

Ambu Inc 409

www.ambuusa.com

American Cleft Palate - Craniofacial Association 611

<http://acpa-cpf.org>

ACPA's mission is creating a world where people with cleft and craniofacial conditions thrive.

American Thyroid Association 612

<http://www.thyroid.org>

American Thyroid Association is the leading organization devoted to thyroid biology, prevention and treatment of thyroid disease through excellence in research, clinical care, education and public health.

Arbor Pharmaceuticals, Inc. 207

<http://www.arborpharma.com>

Arbor Pharmaceuticals, a specialty pharmaceutical company focused on the treatment of diseases & disorders affecting pediatric patients including ADHD, acute otitis media with tympanostomy tubes & head lice.

Atmos Inc. 313

<http://www.atmosmed.com>

Established 1888 ATMOS provides a broad portfolio of innovative products, portable solutions, technologies and services. ENT In office treatment suites and Office OR capabilities.

Audigy Medical 103

<http://www.audigy.com/>

Audigy Medical is the industry's preeminent, data-driven ENT and otology business management group. We focus on creating processes and efficiencies for practices that drive desired outcomes and growth.

AxoGen, Inc. 706

<http://www.axogeninc.com/>

Axogen is the leading company focused specifically on the science, development, and commercialization of technologies for peripheral nerve regeneration and repair.

B

Banner Health 815

<http://www.bannerhealth.com>

Banner Health is one of the largest non-profit healthcare systems in the country and includes Cardon Children's Medical Center and Banner MD Anderson Cancer Center. Hiring specialists now! Visit booth 715!

Bassett Healthcare Network 410

<http://www.bassett.org>

Bassett Healthcare Network, a major teaching affiliate of Columbia University, is seeking a hospital-employed, full-time BC/BE Otolaryngologist to join their busy expanding Central NY OHNS practice.

Bayer Medical 512

<https://www.bayer.us/>

Black and Black Surgical, Inc. 202

<http://www.VorotekUSA.com;>
www.BlackandBlackSurgical.com

Black & Black Surgical offers premium instruments for facial plastic surgery, including an exceptional line of LED products from Vorotek, including Loupes, Headlights and the O Scope™, a head-worn microscope.

Boston Medical Products, Inc. 315

<http://www.bosmed.com>

Boston Medical Products, Inc. offers a cost-effective solution for your unilateral vocal cord paralysis patients with the Montgomery® Thyroplasty Implant System.

BR Surgical LLC 506

<http://brsurgical.com>

BR Surgical offers surgical instruments and equipment for ENT including procedure chairs, treatment cabinets, headlights, microscopes, HD stroboscopes, rigid & flexible endoscopes, and video systems.

Bryan Medical, Inc. 406

<http://www.bryanmedical.net>

As the manufacturer of the Aeri balloon dilation catheter and the sole US distributor of Tracoe brand products, Bryan Medical is dedicated to providing doctors and patients with innovative airway products.

C

Carestream 204

<http://csd-ent.com>

Carestream Dental provides In-Office Cone Beam CT imaging systems for ENT practices that aid in diagnoses and treatment planning.

Checkpoint Surgical, Inc. 305

<http://www.checkpointsurgical.com>

The CHECKPOINT® Stimulator/Locator provides the surgeon with a reliable method of applying electrical stimulation to assess and confirm motor nerves and muscle excitability.

Cochlear Americas 200

<http://www.cochlear.com/us>

Cochlear is the global leader in implantable hearing solutions. Visit us at booth #200 to learn more about our latest products and updates. For more information, visit Cochlear.com/us

Cook Medical 614

<http://www.cookmedical.com>

Cook Medical's areas of focus are sinonasal, otologic and dural soft tissue repair, as well as sialendoscopy access and intervention products for the treatment of obstructive salivary gland disease.

D

Designs For Vision, Inc. 606

<http://www.designsforvision.com>

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E

E3 Diagnostics 508

<http://www.e3diagnostics.com>

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Ecleris USA 309

<http://www.ecleris.com/en/medicina.php>

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F

Fuel Medical Group 404

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G

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H

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I

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J

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J. Morita USA services North American medical professionals on behalf of one of the world's largest manufacturers/distributors, J. Morita Corporation.

JAMA Network 604

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Jullurg Instruments Corp. 700

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K

Kaiser Permanente 803

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KARL STORZ Endoscopy-America, Inc. 302

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L

Leica Microsystems 702

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LUMENIS 500

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M

Marshfield Clinic Health System 801

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Medtronic 112

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Merck & Co., Inc. 108

<http://www.merck.com>

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Merck KGaA - Darmstadt, Germany, Pfizer Alliance 714

<http://www.emdserono.com>

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Modernizing Medicine 607

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modmed® Otolaryngology by Modernizing Medicine® includes EMA™, the otolaryngology-specific EHR system; Practice Management; Revenue Cycle Management; and Analytics.

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N

NeilMed Pharmaceuticals 413

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Nova Surgical Innovations, Inc. (NSII) 710

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Novartis Pharmaceuticals 509

<http://www.novartis.com>

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NSK America Corp. 408

<http://www.nsk-surgery.com>

Primado 2 is NSK's second generation high speed electric surgical drill system. A wide range of motors, handpieces, and burs are available to support a variety of surgical applications.

O

Olympus America Inc. 213

<http://medical.olympusamerica.com/>

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OmniGuide Surgical 104

<http://www.omni-guide.com>

OmniGuide is an advanced surgical energy company providing solutions for otolaryngology, including Head & Neck Cancer, Laryngology, Pediatric ENT, Otolaryngology and Neurotology.

Oticon Medical LLC 304

<https://www.oticonmedical.com/US>

Oticon Medical is the manufacturer of the Ponto bone conduction implant system, which can be implanted with the Minimally Invasive Ponto Surgery (MIPS). Visit us on the web at <https://www.oticonmedical.com/US>.

P

Pediatric Medical Group/MEDNAX 805

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PENTAX Medical 601

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PhotoniCare, Inc. 704

<https://www.photoni.care>

PhotoniCare has developed a low-cost, handheld, imaging platform for use on the front-lines of medicine. The TOMi Scope provides physicians with real-time imaging of the middle ear

Plural Publishing, Inc. 415

<http://www.pluralpublishing.com>

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Presbyterian Healthcare Services 809

<http://www.phs.org>

Presbyterian Healthcare Services is a locally owned, not-for-profit healthcare system based in Albuquerque, New Mexico (ABQ).

R

Reliance Medical Products 100

<http://reliance-medical.com>

Reliance offers a complete line of full power and manual examination and procedure chairs, surgical and exam stools and state of the art cabinets that are second to none in quality and craftsmanship.

Restech 405

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<http://www.RoninSurgical.com>

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S

Sanford Health 807

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Sonavex, Inc. 608

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Spectrum Audiology 411

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Synaptive Medical 109

<https://www.synaptivemedical.com/>

Synaptive's products leverage innovation in surgical robotic imaging, navigation and planning, that collectively enhance the quality of care delivered to patients in need of complex intervention.

T

Tactile Medical 115

<http://www.tactilemedical.com>

Tactile Medical is a leader in developing and marketing at-home therapy devices that treat lymphedema and venous ulcers.

Teleflex 605

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Teleflex is a global provider of medical devices used in surgery. For over 200 years our Pilling Brand has been setting the standard in surgical instruments and Light sources.

U

Ultralight Optics, Inc. 307

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Wiley 111

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Wolters Kluwer 515

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Wolters Kluwer Health is a leading global provider of information and point of care solutions for the healthcare industry.

X

Xenosys USA 110

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Xenosys USA serve the surgical community with innovative products: - portable next-gen LED surgical headlights - full range of custom TTL surgical loupes - Wireless full HD surgical camera system

Xoran Technologies, LLC 412

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Z

ZEISS 310

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Zimmer Biomet 105

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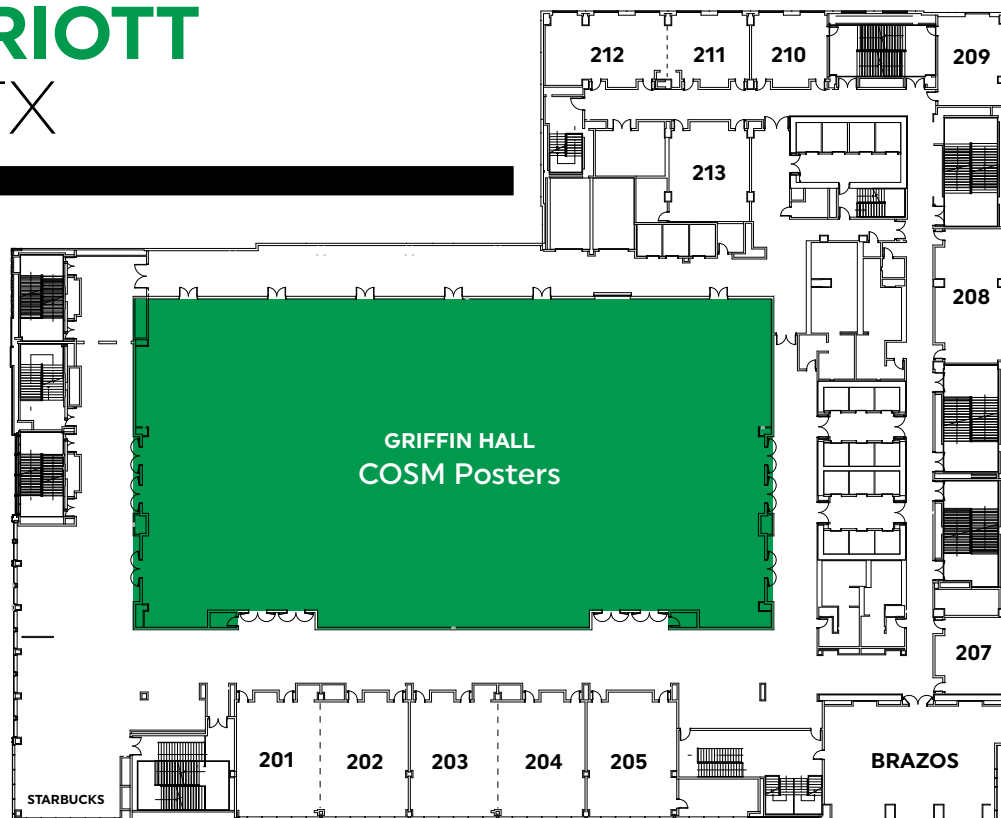
Zimmer Biomet Company Description Founded in 1927 and headquartered in Warsaw, Indiana, Zimmer Biomet is a global leader in musculoskeletal healthcare.



JW MARRIOTT AUSTIN, TX

LEVEL 2

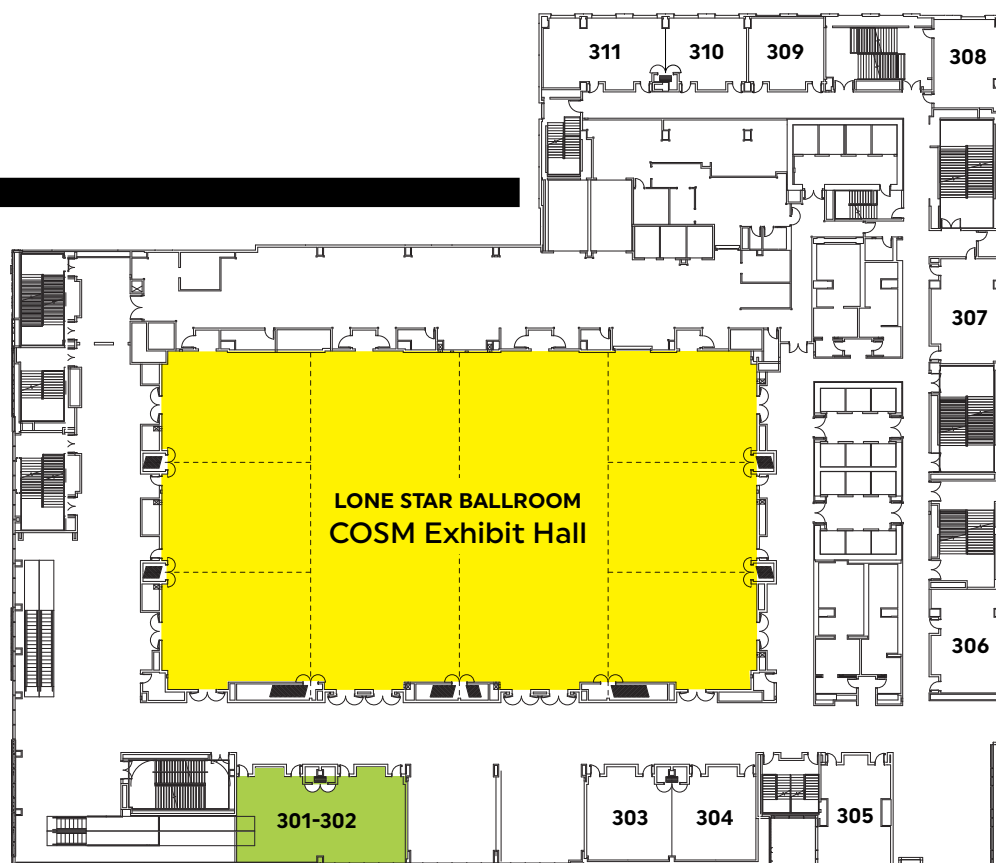
 COSM Posters



LEVEL 3

 COSM Exhibit Hall

 COSM Scientific Sessions



LEVEL 4



COSM Office



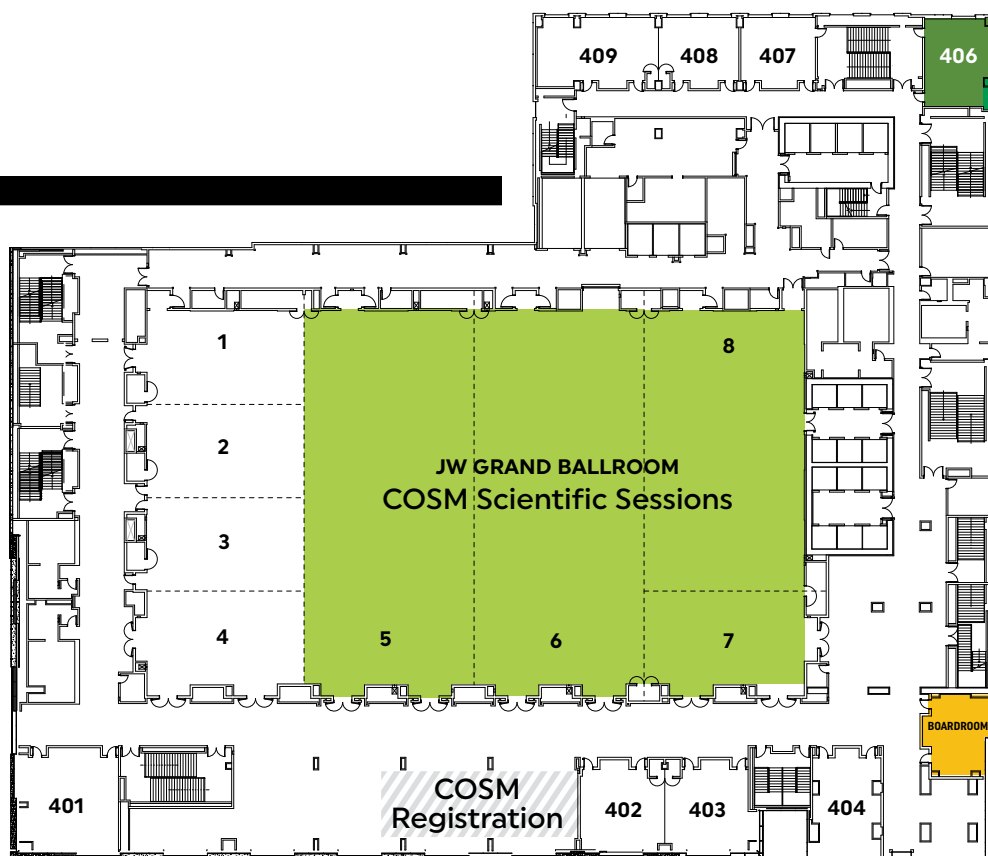
COSM Registration



COSM Scientific Sessions



Speaker Ready Room



114	115	214	215	314	315	414	415	514	515	614	615	714
112	113	212	213	312	313	412	413	512	513	612	613	712
110	111	210	211	310	311	410	411	510	511	610	611	710
108	109	208	209	308	309	408	409	508	509	608	609	708
106	107	206	207	306	307	406	407	506	507	606	607	706
104	105	204	205	304	305	404	405	504	505	604	605	704
102	103	202	203	302	303	402	403	502	503	602	603	702
100	101	200	201	300	301	400	401	500	501	600	601	700

ENTRANCE

ENTRANCE

803	807	811	815
801	805	809	813

Career Connections
(Located in Foyer
outside of Exhibit Hall)

EXHIBIT HALL MAP

LEVEL 3 • LONE STAR BALLROOM

The first and only combination ear drop for AOMT in single-use vials¹

For treatment of acute otitis media in children with tympanostomy tubes (6 months and older)
due to *S. aureus*, *S. pneumoniae*, *H. influenzae*, *M. catarrhalis*, and *P. aeruginosa*.



OTOVEL[®]
ciprofloxacin 0.3% and
fluocinolone acetonide 0.025%

Single. Sterile. Simple.

The ***first and only*** combination ear drop in single-dose vials¹

- **Single-use vials contain 1 premeasured dose each**—dose BID/7 days
- **Every dose is sterile**, precise, and preservative free
- **No drop counting.** No mixing or shaking required
- **Demonstrated efficacy and safety** of ciprofloxacin and fluocinolone acetonide²

Drop by **BOOTH #207** to learn more!

IMPORTANT SAFETY INFORMATION

Contraindications

OTOVEL is contraindicated in:

- Patients with known hypersensitivity to fluocinolone acetonide or other corticosteroids, ciprofloxacin or other quinolones, or to any other component of OTOVEL.
- Viral infections of the external ear canal, including varicella and herpes simplex infections and fungal otic infections.

For additional safety information, please see adjacent page for Brief Summary of Prescribing Information, and visit www.otovel.com for full Prescribing Information.

References: 1. US Food and Drug Administration. Orange Book: approved drug products with therapeutic equivalence evaluations. <https://www.accessdata.fda.gov/scripts/cder/ob/default.cfm>. Accessed January 30, 2018.
2. Otovel [package insert]. Atlanta, GA: Arbor Pharmaceuticals, LLC.

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OTOVEL® (ciprofloxacin and fluocinolone acetonide) otic solution

Brief Summary of Prescribing Information

1 INDICATIONS AND USAGE

OTOVEL is indicated for the treatment of acute otitis media with tympanostomy tubes (AOMT) in pediatric patients (aged 6 months and older) due to *Staphylococcus aureus*, *Streptococcus pneumoniae*, *Haemophilus influenzae*, *Moraxella catarrhalis*, and *Pseudomonas aeruginosa*.

2 DOSAGE AND ADMINISTRATION

- OTOVEL is for otic use only. It is not for ophthalmic use, or for injection.

The recommended dosage regimen is as follows:

- Instill the contents of one single-dose vial 0.25 mL into the affected ear canal twice daily (approximately every 12 hours) for 7 days. Use this dosing for patients aged 6 months of age and older.
- Warm the solution by holding the vial in the hand for 1 to 2 minutes. This is to avoid dizziness, which may result from the instillation of a cold solution into the ear canal.
- The patient should lie with the affected ear upward, and then instill the medication.
- Pump the tragus 4 times by pushing inward to facilitate penetration of the medication into the middle ear.
- Maintain this position for 1 minute. Repeat, if necessary, for the opposite ear [see *Instructions for Use*].

3 DOSAGE FORMS AND STRENGTHS

Otic Solution: Each single-dose vial of OTOVEL (ciprofloxacin 0.3 % and fluocinolone acetonide 0.025 %) delivers 0.25 mL of solution equivalent to ciprofloxacin 0.75 mg and fluocinolone acetonide 0.0625 mg.

4 CONTRAINDICATIONS

OTOVEL is contraindicated in:

- Patients with known hypersensitivity to fluocinolone acetonide or other corticosteroids, ciprofloxacin or other quinolones, or to any other components of OTOVEL.
- Viral infections of the external ear canal, including varicella and herpes simplex infections and fungal otic infections.

5 WARNINGS AND PRECAUTIONS

5.1 Hypersensitivity Reactions

OTOVEL should be discontinued at the first appearance of a skin rash or any other sign of hypersensitivity. Serious and occasionally fatal hypersensitivity (anaphylactic) reactions, some following the first dose, have been reported in patients receiving systemic quinolones. Some reactions were accompanied by cardiovascular collapse, loss of consciousness, angioedema (including laryngeal, pharyngeal or facial edema), airway obstruction, dyspnea, urticaria and itching. Serious acute hypersensitivity reactions may require immediate emergency treatment.

5.2 Potential for Microbial Overgrowth with Prolonged Use

Prolonged use of OTOVEL may result in overgrowth of non-susceptible bacteria and fungi. If the infection is not improved after one week of treatment, cultures should be obtained to guide further treatment. If such infections occur, discontinue use and institute alternative therapy.

5.3 Continued or Recurrent Otorrhea

If otorrhea persists after a full course of therapy, or if two or more episodes of otorrhea occur within 6 months, further evaluation is recommended to exclude an underlying condition such as cholesteatoma, foreign body, or a tumor.

6 ADVERSE REACTIONS

The following serious adverse reactions are described elsewhere in the labeling: Hypersensitivity Reactions [see *Warnings and Precautions* (5.1)]

6.1 Clinical Trials Experience

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

In clinical trials, 224 patients with AOMT were treated with OTOVEL for a median duration of 7 days. All the patients received at least one dose of OTOVEL. There were 220 patients who received at least one dose of ciprofloxacin (CIPRO) and 213 patients received at least one dose of fluocinolone acetonide (FLUO).

The most common adverse reactions that occurred in 1 or more patients are as follows:

Table 1: Selected Adverse Reactions that Occurred in 1 or more Patients in the OTOVEL Group

Adverse Reactions ¹	Number (%) of Patients		
	OTOVEL N=224	CIPRO N=220	FLUO N=213
Otorrhea	12 (5.4%)	9 (4.1%)	12 (5.6%)
Excessive granulation tissue	3 (1.3%)	0 (0.0%)	2 (0.9%)
Ear infection	2 (0.9%)	3 (1.4%)	1 (0.5%)
Ear pruritus	2 (0.9%)	1 (0.5%)	1 (0.5%)
Tympanic membrane disorder	2 (0.9%)	0 (0.0%)	0 (0.0%)
Auricular swelling	1 (0.4%)	1 (0.5%)	0 (0.0%)
Balance disorder	1 (0.4%)	0 (0.0%)	0 (0.0%)

¹ Selected adverse reactions that occurred in ≥ 1 patient in the OTOVEL group derived from all reported adverse events that could be related to the study drug or the drug class.

6.2 Postmarketing Experience

The following adverse reactions have been identified during postapproval use of ciprofloxacin and fluocinolone acetonide otic solution, 0.3% / 0.025% outside the US. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure.

- *Immune system disorders*: allergic reaction.
- *Infections and infestations*: candidiasis.
- *Nervous system disorders*: dysgeusia, paresthesia (tingling in ears), dizziness, headache.
- *Ear and labyrinth disorders*: ear discomfort, hypoacusis, tinnitus, ear congestion.
- *Vascular disorders*: flushing.
- *Skin and subcutaneous tissue disorders*: skin exfoliation.
- *Injury, poisoning and procedural complications*: device occlusion (tympanostomy tube obstruction).

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

Risk Summary

OTOVEL is negligibly absorbed following otic administration and maternal use is not expected to result in fetal exposure to ciprofloxacin and fluocinolone acetonide [see *Clinical Pharmacology* (12.3)].

8.2 Lactation

Risk Summary

OTOVEL is negligibly absorbed by the mother following otic administration and breastfeeding is not expected to result in exposure of the infant to ciprofloxacin and fluocinolone acetonide [see *Clinical Pharmacology* (12.3)].

8.4 Pediatric Use

OTOVEL has been studied in patients as young as 6 months in adequate and well-controlled clinical trials. No major differences in safety and effectiveness have been observed between adult and pediatric patients [see *Indications and Usage* (1) and *Dosage and Administration* (2)].

8.5 Geriatric Use

Clinical studies of OTOVEL did not include sufficient numbers of subjects aged 65 years and over to determine whether they respond differently from younger subjects. Other reported clinical experience has not identified differences in responses between the elderly and younger patients.

10 OVERDOSAGE

Due to the characteristics of this preparation, no toxic effects are to be expected with an otic overdose of OTOVEL.

OTOVEL is:

Distributed by:
Arbor Pharmaceuticals, LLC
Atlanta, GA 30328

Under license of Laboratorios SALVAT, S.A.

OTOVEL is a registered trademark of Laboratorios SALVAT, S.A.

U.S. Patent No: 8,932,610

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch, or call 1-800-FDA-1088.



For more detailed information, see the full prescribing information for Otovel at www.otovel.com or contact Arbor Pharmaceuticals, LLC at 1-866-516-4950.

Discoveries in immuno-oncology (IO) have expanded the horizon of cancer therapy. But there is still much to uncover in how tumors evade the immune system and how we can harness the human body's cancer-fighting capabilities. Through an alliance between Merck KGaA, Darmstadt, Germany and Pfizer, our combined talent and resources are pioneering the exploration of this innovative approach. Standing together with the physicians and patients who have participated in our clinical studies and trials, we continue to move closer to revealing the full potential of IO therapies in our pursuit for a brighter future.



IMAGINE THE

Join us in our commitment to every patient, doctor, and researcher who inspire us to push forward in our fight against cancer.

OPPORTUNITY