

2017 TRIOLOGICAL SOCIETY COMBINED SECTIONS MEETING  
SHERATON NEW ORLEANS, NEW ORLEANS, LA  
JANUARY 19 - 21, 2017

THURSDAY, JANUARY 19  
NAPOLEON BALLROOM AB

- 7:30**            **Attendee Breakfast with Exhibitors - Napoleon CD**
- 8:00**            **Welcome by Vice Presidents**
- 8:05**            **Eastern Section Guest Introductions by Bert W. O'Malley, MD FACS, Philadelphia, PA, Eastern Section VP**  
**Citation Awardees:** Noam A. Cohen, MD PhD, Philadelphia, PA  
Steven J. Eliades, MD PhD, Philadelphia, PA  
Devraj Basu, MD PhD FACS, Philadelphia, PA  
**Guest of Honor:** Anne O'Malley
- 8:20**            **Southern Section Guest Introductions by David J. Terris, MD FACS, Augusta, GA, Southern Section VP**  
**Citation Awardees:** Stilianos E. Kountakis, MD PhD FACS, Augusta, GA  
Dennis H. Kraus, MD FACS, New York, NY  
Gregory W. Randolph, MD FACS, Boston, MA  
**Guest of Honor:** Willard E. Fee Jr., MD FACS, Stanford, CA  
**A Professor's Dream**
- 8:35**            **Western Section Guest Introductions by Andrew N. Goldberg, MD MSCE FACS, San Francisco, CA, Western Section VP**  
**Citation Awardees:** M. Stuart Strong, MD, Boston, MA  
Jonas T. Johnson, MD FACS, Pittsburgh, PA  
Andrew H. Murr, MD FACS, San Francisco, CA  
**Guest of Honor:** Eugene N. Myers, MD FACS, Pittsburgh, PA  
**Reminiscing**
- 8:50**            **Middle Section Guest Introductions by Michael S. Benninger, MD FACS, Cleveland, OH, Middle Section VP**  
**Citation Awardees:** Pierre Lavertu, MD FACS, Cleveland, OH  
Peak Woo, MD FACS, New York, NY  
Kathleen L. Yaremchuk, MD MSA, Detroit, MI  
**Guest of Honor:** Brian B. Burkey, MD FACS  
**The Value of Engaging Good Mentors**
- Introduction of Middle Section GEORGE ADAMS, MD YOUNG FACULTY AWARD to Chad A. Zender, MD FACS, Cleveland, OH**  
**Introduction by Michael S. Benninger, MD FACS, Middle Section Vice President**
- 9:10**            **PRESIDENTIAL ADDRESS - Charles W. Beatty, MD FACS, Rochester, MN "Why TRIO?"**
- 9:25**            **Presentation of FIFTH ANNUAL PATRICK E. BROOKHOUSER, MD AWARD OF EXCELLENCE to Charles M. Luetje, MD FACS, Olathe, KS**  
**Introduction by Charles W. Beatty, MD FACS, President**

- 9:30**                    **Tribute to Fred D. Owens, MD, Immediate Past President**  
*by Charles Beatty, MD, Rochester, MN*
- 9:35**                    **2016 Fowler Awardee Thesis Presentation**  
**The Color of Cancer: Margin Guidance for Oral Cancer Resection Using Elastic Scattering Spectroscopy (ESS)**  
Gregory A. Grillone, MD FACS, Boston, MA
- 9:42**                    **2016 Honorable Mention Award for Basic Science Thesis Presentation**  
**Biological Significance of Genome Wide DNA Methylation Profiles in Keloids**  
Lamont Randall-Desean Jones, MD, Detroit, MI
- 9:50 - 10:15**            **Break with Exhibitors/View Posters - Napoleon CD**
- 10:15 - 12:00 GENERAL SESSION - NAPOLEON AB**
- 10:16 - 11:05**            **TRIOLOGICAL SOCIETY BEST PRACTICES (TRIO BP) SESSION**  
**Moderator:**    Anil K. Lalwani, MD FACS, New York, NY  
**Panelists:**     Ashutosh Kacker, MD FACS, New York, NY  
                      Maie A. St. John, MD, Los Angeles, CA  
                      Scott E. Strome, MD  
                      Kathleen L. Yaremchuk, MD MSA, Detroit, M  
**TOPICS: Are E-Cigarettes Effective in Smoking Cessation?**  
**When Is It Safe to Operate Following Myocardial Infarction?**  
**Does Melatonin Have a Meaningful Role as a Sleep Aid?**  
**What is the Best Management of Asymptomatic Unilateral Tonsillar Enlargement?**  
**When Should Surveillance Imaging Be Performed After Treatment for Head and Neck Cancer?**
- 11:05 - 12:00**            **HOW I DO IT SESSION VIDEO SESSION**  
**Moderator:**    Fred F. Telischi, MD FACS, Miami, FL  
**Panelists:**     **Endoscopic Approach to the Petrous Apex**  
                      Joseph K. Han, MD, Norfolk, VA  
                      **Microinvasive Parathyroidectomy**  
                      David J. Terris, MD FACS, Augusta, GA  
                      **Hypoglossal Nerve Stimulator Implantation for OSA**  
                      B. Tucker Woodson, MD FACS, Milwaukee, WI  
                      **Ossicular Chain Reconstruction-No Prosthesis Is Necessary (95% of the time)**  
                      Michael D. Seidman, MD FACS, Celebration, FL  
                      **Sialendoscopy with Stone Removal**  
                      Henry T. Hoffman, MD FACS, Iowa City, IA
- 12:00 - 1:00**            **Lunch/Visit Exhibits/View Posters - Napoleon CD**
- 1:10 - 3:05 CONCURRENT SESSION 1A**  
**HEAD AND NECK - NAPOLEON AB**
- Moderator: Pierre Lavertu, MD FACS, Cleveland, OH**
- 1:10**                    **Comparison of Facility Type Outcomes in Survival and Treatment for Oral Cavity Cancer: An Analysis of the National Cancer Database**  
Samuel J. Rubin, BA, Boston, MA; Michael B. Cohen, MD, Boston, MA; Diana N. Kirke, BSc MBBS FRACS, Boston, MA; Muhammad M. Qureshi, MBBS, Boston, MA; Minh Tam Truong, MD, Boston, MA; Scharukh Jalisi, MD MA FACS, Boston, MA

- 1:17 Treatment, Short Term Outcomes, and Costs Associated with Larynx Cancer Care in Commercially Insured Patients**  
Andrew T. Day, MD, Baltimore, MD; Hsien-Yen Chang, PhD, Baltimore, MD; Harry Quon, MD, Baltimore, MD; Kevin D. Frick, PhD, Baltimore, MD; David W. Eisele, MD, Baltimore, MD; Christine G. Gourin, MD, Baltimore, MD
- 1:24 James Harrill, MD Resident Research Award (Southern Section)  
The Effect of Frailty on Short Term Outcomes after Head and Neck Cancer Surgery**  
Carrie L. Nieman, MD MPH, Baltimore, MD; Karen T. Pitman, MD, Baltimore, MD; Christine G. Gourin, MD MPH, Baltimore, MD
- 1:31 WITHDRAWN - Quality of Life Outcomes for Oropharyngeal Squamous Cell Carcinoma Patients Following Transoral Robotic Surgery with and without Adjuvant Radiotherapy**  
James M. Taylor, MPH, Winston-Salem, NC; Michael H. Soike, MD, Winston-Salem, NC; Emory R. McTyre, MD MS, Winston-Salem, NC; Christopher A. Sullivan, MD, Winston-Salem, NC; Kathryn M. Greven, MD, Winston-Salem, NC; Joshua D. Waltonen, MD, Winston-Salem, NC
- 1:38 Factors Contributing to Reoperation and Extended Length of Stay after Free Flap Surgery for Head and Neck Malignancy; A NSQIP Analysis**  
William W. Thomas, MD, Philadelphia, PA; Jason A. Brant, MD, Philadelphia, PA; Jason G. Newman, MD, Philadelphia, PA; Ara C. Chalian, MD, Philadelphia, PA; Steven B. Cannady, MD, Philadelphia, PA
- 1:45 Risk Factors for Thirty Day Readmission Following Tissue Transfer Reconstruction of Oncologic Defects of the Head and Neck**  
Heather A. Osborn, MD, Boston, MA; Vinay K. Rathi, MD, Boston, MA; Tjason Tjoa, MD, Irvine, CA; Derrick T. Lin, MD, Boston, MA; Daniel G. Deschler, MD, Boston, MA; Marlene L. Durand, MD, Boston, MA
- 1:52 Richard J. Bellucci, MD Resident Research Award (Eastern Section)  
Identifying Metrics and Factors Affecting Readmission Rate Following Head and Neck Cancer Surgery**  
Sidharth V. Puram, MD PhD, Boston, MA; Neil Bhattacharyya, MD FACS, Boston, MA
- 1:59 Dean Lierle, MD Resident Research Award (Middle Section)  
Economic Impact of the 2015 ATA Guidelines on Frozen Section for Thyroid Nodules with the Cytological Diagnosis of "Suspicious for Malignancy"**  
Craig A. Bollig, MD, Columbia, MO; David R. Gilley, BS, Columbia, MO; David W. Lesko, BS, Columbia, MO; Laura M. Dooley, MD, Columbia, MO
- 2:06 Q&A**
- 2:10 - 3:00 HPV: HOW STATUS AFFECTS MANAGEMENT OF HEAD AND NECK MALIGNANCIES**  
**Moderator:** Christine G. Gourin, MD FACS, Baltimore, MD  
**Panelists:** Bruce H. Campbell, MD FACS, Milwaukee, WI  
David W. Eisele, MD FACS, Baltimore, MD  
Michael L. Hinni, MD FACS, Phoenix, AZ  
Marilene B. Wang, MD FACS, Los Angeles, CA
- 3:00 Q&A**
- 3:05 - 3:30 Break with Exhibitors/View Posters - Napoleon CD**

- 1:10 - 2:05**      **POINT/COUNTERPOINT - ENDOSCOPIC EAR SURGERY: FAD OR NEW STANDARD?**  
**Moderator:** Abraham Jacob, MD, Tucson, AZ  
**Panelists:** Michael E. Hoffer, MD FACS, Miami, FL  
Lawrence R. Lustig, MD FACS, New York, NY  
Alejandro Rivas, MD, Nashville, TN
- 2:05**            **Q&A**  
  
**Moderator: Quyen T. Nguyen, MD PhD, San Diego, CA**
- 2:10**            **The Effect of Superior Canal Dehiscence and Its Repair on Bone Conduction**  
Deepa J. Galaiya, MD, Boston, MA; Xiyong Guan, PhD, Boston, MA; Y. Song Cheng, MD, Boston, MA; Hideko Heidi Nakajima, MD PhD, Boston, MA
- 2:17**            **Semicircular Canal Dehiscence among Idiopathic Intracranial Hypertension Patients**  
Phoebe Kuo, BA, New Haven, CT; Kenneth A. Bagwell, MD, New Haven, CT; Christopher A. Schutt, MD, New Haven, CT; Gino Mongelluzzo, MD, New Haven, CT; Babar Khokhar, MD MBA, New Haven, CT; John F. Kveton, MD, New Haven, CT
- 2:24**            **Round Window Plugging in the Treatment of Superior Semicircular Canal Dehiscence: A Single Institution Experience**  
Eric F. Succar, MD, Danville, PA; Sara Wing, BA, Scranton, PA; Periakaruppan V. Manickam, MD, Danville, PA; Jeffrey Walter, DPT, Danville, PA; Joseph Scott Greene, MD, Danville, PA; William James Azeredo, MD, Danville, PA
- 2:31**            **Audiovestibular Symptoms as Predictors of Sports Related Concussion Severity**  
Stephen R. Chorney, MD MPH, Syracuse, NY; Brian Nicholas, MD, Syracuse, NY
- 2:38**            **Contemporary Analysis of Otologic Methicillin Resistant Staphylococcus Aureus Infections**  
Elliott D. Kozin, MD, Boston, MA; Maria Duarte, BA, Boston, MA; Paulo Bispo, PhD, Boston, MA; Michael S. Gilmore, PhD, Boston, MA; Aaron K. Remenschneider, MD, Boston, MA
- 2:45**            **Comorbidities Affecting Outcomes of Surgery for Otic Capsule Dehiscence Syndrome: Outlier Analysis**  
P. Ashley Wackym, MD, New Brunswick, NJ; Heather T. Mackay-Promitas, PsyD, Portland, OR; David A. Siker, MD, Portland, OR; Dale M. Carter, MD, Portland, OR; Martin S. Gizzi, MD PhD, Portland, OR; Shaban Demirel, PhD, Portland, OR
- 2:52**            **Outcomes of Cholesteatoma Surgeries Utilizing Otoendoscopy**  
Marlon M. Maducdoc, MD, Irvine, CA; Yaser Ghavami, MD, Irvine, CA; Hossein Mahboubi, MD, Irvine, CA; Harrison W. Lin, MD, Irvine, CA; Hamid R. Djalilian, MD, Irvine, CA

- 2:59**            **Plasmacytoma of the Temporal Bone: Report of 7 Cases and Comprehensive Review of the Literature**  
 Alex D. Sweeney, MD, Houston, TX; Jacob B. Hunter, MD, Nashville, TN; S. Vincent Rajkumar, MD, Rochester, MN; John I. Lane, MD, Rochester, MN;  
 Dragan Jevremovic, MD PhD, Rochester, MN; Matthew L. Carlson, MD, Rochester, MN
- 3:06**            **Q&A**
- 3:10 - 3:30**     **Break with Exhibitors/View Posters - Napoleon CD**
- 3:30 - 5:15 CONCURRENT SESSION 2A**  
**RHINOLOGY/ALLERGY - NAPOLEON AB**
- Moderator: Pete S. Batra, MD FACS, Chicago, IL**
- 3:30**            **Characterization of Primary Rat Nasal Epithelial Cultures in CFTR Knockout Rats as a Model for CF Sinus Disease**  
 Kiranya E. Tipirneni, MD, Birmingham, AL; Daniel F. Skinner, BS, Birmingham, AL;  
 Shaoyan Zhang, PhD, Birmingham, AL; Do-Yeon Y. Cho, MD, Birmingham, AL;  
 Bradford A. Woodworth, MD, Birmingham, AL
- 3:37**            **Socioeconomic and Racial/Ethnic Disparities in Allergic Rhinitis**  
 Paul Zhang, MD MPH, Los Angeles, CA; Kevin Hur, MD, Los Angeles, CA
- 3:44**            **Sinus Procedure Trends in the Medicare Population from 2000-2014: A Recent Explosion of Balloon Sinuplasty Procedures**  
 Nathaniel E. Calixto, BA, Irvine, CA; Twyla Gregg-Jaymes, BS, Washington, DC;  
 Jonathan Liang, MD, Oakland, CA; Nancy Jiang, MD, Oakland, CA
- 3:51**            **How Often Is Sinus Surgery Performed for Nasal Polyps versus Chronic Rhinosinusitis?**  
 Elisabeth H. Ference, MD MPH, Los Angeles, CA; Jeffrey D. Suh, MD, Los Angeles, CA; Bruce K. Tan, MD MS, Chicago, IL; Stephani S. Smith, MD MS, Chicago, IL
- 3:58**            **Impact of Liver Disease on Outcomes of Patients Hospitalized for Epistaxis**  
 Andrey Filimonov, PharmD, Newark, NJ; Michael J. Sylvester, AB, Newark, NJ;  
 Omar M. Mohamed, BA, Newark, NJ; Michael Zaki, MD, Newark, NJ;  
 Soly Baredes, MD FACS, Newark, NJ; Jean Anderson Eloy, MD FACS, Newark, NJ
- 4:05**            **Socioeconomic Status Associated with Nasal Packing for Management of Epistaxis in United States Emergency Departments**  
 Rosh K.V. Sethi, MD MPH, Boston, MA; Elliott D. Kozin, MD, Boston, MA;  
 Nicholas B. Abt, MD, Boston, MA; Regan Bergmark, MD, Boston, MA; Stacey T. Gray, MD, Boston, MA
- 4:12**            **Vice President's Resident Research Award (Western Section)**  
**Objective and Subjective Sinonasal and Pulmonary Outcomes in Aspirin Desensitization Therapy: A Prospective Cohort Study**  
 Timothy J. Cooper, MD, Edmonton, AB Canada; Samuel R. Greig, MD FRACS, Edmonton, AB Canada; Robert P. Seemann, MD FRCSC, Edmonton, AB Canada;  
 Erin D. Wright, MDCM Med FRCSC, Edmonton, AB Canada;  
 Harissios Vliagoftis, MD, Edmonton, AB Canada; David W.J. Côté, MD MPH CCFP FRCSC, Edmonton, AB Canada
- 4:19**            **Q&A**

**4:25 - 5:10 SKULL BASE RECONSTRUCTION - OPTIONS AND PRINCIPLES**

**Moderator:** Bert W. O'Malley Jr., MD FACS, Philadelphia, PA

**Panelists:** Alexander G. Chiu, MD, Tucson, AZ  
Samuel C. Levine, MD, Minneapolis, MN  
Bradford A. Woodworth, MD, Birmingham, AL  
Adam M. Zanation, MD, Chapel Hill, NC

**5:10 Q&A**

**5:15 ADJOURN SESSION**

**3:30 - 5:20 CONCURRENT SESSION 2B**

**LARYNGOLOGY/BRONCHOESOPHOLOGY - RHYTHMS BALLROOM**

**3:30 - 4:20 UNILATERAL VOCAL FOLD PARALYSIS: WHAT, WHEN, HOW AND WHY**

**Moderator:** Michael S. Benninger, MD FACS, Cleveland, OH

**Panelists:** Karen M. Kost, MD, Montreal, QC  
Albert L. Merati, MD FACS, Seattle, WA  
Robert T. Sataloff, MD DMA FACS, Philadelphia, PA

**4:20 Q&A**

**Moderator: Donald T. Donovan, MD FACS, Houston, TX**

**4:25 Selective Recurrent Laryngeal Nerve Stimulation Using a Penetrating Electrode Array in the Feline Model**

Yarah M. Haidar, MD, Irvine, CA; Ronald Sahyouni, BS, Irvine, CA;  
Omid Moshtaghi, BS, Irvine, CA; Hamid R. Djalilian, MD, Irvine, CA;  
Sunil Verma, MD, Irvine, CA; Harrison W. Lin, MD, Irvine, CA

**4:32 Nerve Transection Repair Using Chitosan Biopolymer in a Rat Model**

Neel K. Bhatt, MD, St. Louis, MO; Taleef R. Khan, BA, St. Louis, MO;  
Christopher Mejias, BA, St. Louis, MO; Randal C. Paniello, MD PhD, St. Louis, MO

**4:39 Multidose Botox for Intralaryngeal Injection: A Cost Analysis**

Mark R. Gilbert, MD, Pittsburgh, PA; Jackie L. Gartner-Schmidt, PhD, Pittsburgh, PA;  
VyVy N. Young, MD, Pittsburgh, PA; Libby J. Smith, DO, Pittsburgh, PA; Clark A. Rosen, MD, Pittsburgh, PA

**4:46 Botulinum Toxin in Management of Synkinesis in Patients with Unilateral and Bilateral Vocal Fold Paralysis**

Sean M. Lewis, MD, New York, NY; Peak Woo, MD, New York, NY

**4:53 Making the Transition: Testosterone, Thyroplasty, Voice Therapy? A Systematic Review of Outcomes for the Female to Male Transgendered Voice**

Brian A. Nuyen, MD, Stanford, CA; Alexis F. Lopez, MD MPH, New York, NY;  
Christopher G. Tang, MD, San Francisco, CA

**5:00 Outcomes in Bilateral Vocal Fold Immobility**

Shekhar K. Gadkaree, MD, Boston, MA; Alexander H. Gelbard, MD, Nashville, TN;  
Simon R. Best, MD, Baltimore, MD; Lee M. Akst, MD, Baltimore, MD; Martin B. Brodsky, PhD, Baltimore, MD; Alexander T. Hillel, MD, Baltimore, MD

**5:07 When Is Surgery Used to Treat Polypoid Corditis in Active Smokers?**

Tirth R. Patel, BS, Columbus, OH; Laura Matrka, MD, Columbus, OH

**5:14 Q&A**

5:20 ADJOURN SESSION

5:30 - 7:00 VICE PRESIDENT'S WELCOME RECEPTION (for all attendees) - *Armstrong Ballroom*

FRIDAY, JANUARY 20, 2017

7:00 - 7:50 **Business Meetings (Fellows Only)**  
**Southern Section - Borgne (3rd floor)**  
**Western Section - Maurepas (3rd floor)**

7:30 **Attendee Breakfast with Exhibitors - *Napoleon CD***

8:00 - 10:00 CONCURRENT SESSION 3A  
FACIAL PLASTIC/RECONSTRUCTIVE SURGERY - NAPOLEON AB

8:00 **Announcements by Vice Presidents**

**Moderator: Stephen S. Park, MD, Charlottesville, VA**

8:05 **Polydioxan (PDS) Plate Grafts Are Safe and Effective in Functional Septorhinoplasty**  
Jennifer C. Fuller, MD, Boston, MA; Patricia A. Levesque, BS, Boston, MA; Robin W. Lindsay, MD, Boston, MA

8:12 **Repurposing of Vascular Pedicles in Secondary Reconstructive Surgery in the Vessel Depleted Neck**  
Kimberly J. Atiyeh, MD, New York, NY; Zahrah M. Taufique, MD MBA, New York, NY; Jamie P. Levine, MD, New York, NY; Adam S. Jacobson, MD, New York, NY

8:19 **Characterization of Postoperative Changes in Nasal Airflow Following Butterfly versus Spreader Grafts Using a Cadaveric Computational Fluid Dynamics Model**  
Bryan M. Brandon, MD, Chapel Hill, NC; Saikat Basu, PhD, Chapel Hill, NC; Grace K. Austin, MD, Chapel Hill, NC; Julia S. Kimbell, PhD, Chapel Hill, NC; William W. Shockley, MD FACS, Chapel Hill, NC; J. Madison Clark, MD, Chapel Hill, NC

8:26 **Brief Electrical Stimulation after Facial Nerve Crush Injury: A Randomized Prospective Animal Study**  
Adrian I. Mendez, MD, Edmonton, AB Canada; Hadi Seikaly, MD FRCS(C), Edmonton, AB Canada; Vincent Biron, MD FRCS(C), Edmonton, AB Canada; Lin-Fu Zhu, Edmonton, AB Canada; David W. Cote, MD FRCS(C), Edmonton, AB Canada

8:33 **Age Related Histologic and Biochemical Changes in Auricular and Septal Cartilage**  
Kiersten L. Riedler, MD, Los Angeles, CA; Alireza Shokrani, MD MS, Los Angeles, CA; Alexander Markarian, MD, Los Angeles, CA; Jon-Paul Pepper, MD, Los Angeles, CA

- 8:40**            **Free Tissue Transfer for Reconstruction of Total Auriclectomy Defects: Functional Outcomes in a 10 Year Single Institution Experience**  
Patrick T. Tassone, MD, Philadelphia, PA; Varun A. Patel, BS, Philadelphia, PA; Michael C. Topf, MD, Philadelphia, PA; Joseph M. Curry, MD, Philadelphia, PA; Howard D. Krein, MD PhD, Philadelphia, PA; Ryan N. Heffelfinger, MD, Philadelphia, PA
- 8:47**            **The Submental Island Flap Is a Viable Reconstructive Option for a Variety of Head and Neck Ablative Defects**  
Blair M. Barton, MD, New Orleans, LA; Charles A. Riley, MD, New Orleans, LA; Christian P. Hasney, MD, New Orleans, LA; Brian A. Moore, MD, New Orleans, LA
- 8:54**            **Wound Closure Tension Comparison between V-Y and Rotation Flap for Similar Sized Defect**  
Jacqueline R. Booth, BA, Charlottesville, VA; Matthew Q. Miller, MD, Charlottesville, VA (Presenter); Catherine M. Meller, MBBS, Charlottesville, VA; John J. Christophel, MD MPH, Charlottesville, VA; Stephen S. Park, MD, Charlottesville, VA
- 9:01**            **Q&A**
- 9:05 - 9:55**     **FACIAL PLASTIC SURGERY: WHAT I DO DIFFERENTLY NOW THAN I DID 10 YEARS AGO**  
**Moderator:** Robert M. Kellman, MD FACS, Syracuse, NY  
**Maxillofacial Trauma**  
**Panelists:** J. Jared Christophel, MD MPH FACS, Charlottesville, VA  
**In Office Facial Rejuvenation**  
Terry Y. Shibuya, MD FACS, Anaheim, CA  
**3D Reconstructive Surgery Update**  
William W. Shockley, MD FACS, Chapel Hill, NC  
**Reconstruction of Nasal Alar Defects**  
Brian J.F. Wong, MD PhD, Irvine, CA  
**Nasal Tip Rhinoplasty**
- 9:55**            **Q&A**
- 10:00 - 10:30**    **Break with Exhibitors/View Posters - Napoleon CD**
- 8:00 - 10:00 CONCURRENT SESSION 3B**  
**GENERAL/SLEEP MEDICINE - RHYTHMS BALLROOM**
- 8:00**            **Announcements as needed by Vice Presidents**
- 8:05 - 9:00**     **HYPOPHARYNGEAL PROCEDURES FOR OSA: INDICATIONS AND OPTIONS**  
**Moderator:** Kathleen L. Yaremchuk, MD MSA, Detroit, MI  
**Panelists:** Jimmy J. Brown, MD, Augusta, GA  
M. Boyd Gillespie, MD, Memphis, TN  
Erica Thaler, MD, Philadelphia, PA
- 9:00**            **Q&A**



- 9:05 William W. Montgomery, MD Resident Research Award (Eastern Section)  
Construction of a Computer Model of the Upper Airway in Obstructive Sleep Apnea Patients Using Finite Element Techniques**  
Sandeep S. Dhaliwal, MD, London, ON Canada; Seyyed M. Hesabgar, MEng, London, ON Canada; Seyyed M.H. Haddad, MSc, London, ON Canada; Hanif Ladak, BA Sc MEng PhD, London, ON Canada; Abbas Samani, BSc MSc PhD, London, ON Canada; Brian W. Rotenberg, MD MPH FRCSC, London, ON Canada
- 9:12 Effectiveness of Pediatric Drug Induced Sleep Endoscopy for REM Predominant OSA**  
Stacey L. Ishman, MD MPH, Cincinnati, OH; David F. Smith, MD PhD, Cincinnati, OH (Presenter); Shan He, MD, Cincinnati, OH; P. Vairavan Manickam, MD, Danville, PA; Nithin Peddireddy, BS, Cincinnati, OH; Christine Heubi, MD, Cincinnati, OH; Sally R. Shott, MD, Cincinnati, OH
- 9:19 A Preliminary Study Comparing the Efficacy of Facebook to Other Modes of Recruitment for Clinical Trials in Otolaryngology**  
Richard H. Law, MD, Detroit, MI; John S. Muus, BS, Charleston, SC; Marion B. Gillespie, MD, Memphis, TN
- 9:26 Complications and 30 Day Hospital Readmission Rates of Patients Undergoing Tracheostomy: A Prospective Analysis**  
Emily A. Spataro, MD, St. Louis, MO; Nedim Durakovic, MD, St. Louis, MO; Dorina Kallogjeri, MD MPH, St. Louis, MO; Brian Nussenbaum, MD, St. Louis, MO
- 9:33 Ultrasound Guided Fine Needle Aspiration Biopsy (USG-FNAB) of First 1,000 Consecutive Unselected Thyroid Nodules - A Single Surgeon Experience**  
Jagdish K. Dhingra, MB BS, Boston, MA
- 9:40 Referral Patterns from Emergency Department to Otolaryngology Clinic**  
Jonathan C. Garneau, MD, New York, NY; Isaac Wasserman, MPH, New York, NY; Neeraja Konuthula, BA, New York, NY; Benjamin D. Malkin, MD, New York, NY
- 9:47 Differential Management of Peritonsillar Abscess in Pediatric and Adult Patients**  
Punam A. Patel, BA, Boston, MA; Kevin Wong, BA, Boston, MA; Jessica R. Levi, MD, Boston, MA
- 9:54 Epidemiology of Firearm and Other Noise Exposures in the United States**  
Jay M. Bhatt, MD, Irvine, CA; Harrison W. Lin, MD, Irvine, CA; Neil Bhattacharyya, MD FACS, Boston, MA
- 10:01 Q&A**
- 10:05 - 10:30 Break with Exhibitors/View Posters - Napoleon CD**

- 10:30 - 11:25**     **THIRD PARTY REGULATION: CURRENT REQUIREMENTS FOR ENDOSCOPE AND INSTRUMENT CLEANING**  
**Moderator:**    Natasha Mirza, MD FACS, Philadelphia, PA  
**Panelists:**     Soly Baredes, MD, Newark, NJ  
                      Sigsbee W. Duck, MD FACS, Rock Springs, WY  
                      Julio E. Figueroa, MD, New Orleans, LA  
                      Willard C. Harrill, MD FACS, Hickory, NC
- 11:25**             **Q&A**  
  
                         **Moderator: Ralph B. Metson, MD FACS, Boston, MA**
- 11:30**             **John J. Conley, MD Resident Research Award (Eastern Section)**  
**Time Dependent Improvement in Chronic Rhinosinusitis Symptomatology with Smoking Cessation**  
Katie M. Phillips, MD, Boston, MA; Lloyd Hoehle, BA, Boston, MA; David S. Caradonna, MD DMD, Boston, MA; Stacey T. Gray, MD, Boston, MA; Ahmad R. Sedaghat, MD PhD, Boston, MA
- 11:37**             **The Value of Frontal Sinusotomy for Chronic Rhinosinusitis with Nasal Polyps: A Cost Utility Analysis**  
George A. Scangas, MD, Boston, MA; Ashton E. Lehmann, MD, Boston, MA; Brooke M. Su, MD, Los Angeles, CA; Aaron K. Remenschneider, MD, Boston, MA; Ralph Metson, MD, Boston, MA
- 11:44**             **Sinonasal Inflammation and Depression among Adults in the United States**  
Sheng Zhou, BS, Los Angeles, CA; Kevin Hur, MD, Los Angeles, CA
- 11:51**             **Intervention for Elevated Intracranial Pressure Improves Success Rate after Repair of Spontaneous CSF Leaks: A Systematic Review**  
William M. Teachey, BS, Mobile, AL; Jessica W. Grayson, MD, Birmingham, AL; Do Y. Cho, MD, Birmingham, AL; Kristen O. Riley, MD, Birmingham, AL; Bradford A. Woodworth, MD, Birmingham, AL
- 11:58**             **Impact of Body Mass Index on Outcomes of Endoscopic Pituitary Surgery**  
Yung-Jae Lee, BS, Newark, NJ; Anni Wong, MS, Newark, NJ; Andrey Filimonov, PharmD, Newark, NJ; Sei Yeon Chung, BS, Newark, NJ; Soly Baredes, MD, Newark, NJ; Jean Anderson Eloy, MD, Newark, NJ
- 12:05**             **Do Geographic Differences or Socioeconomic Disparities Affect Survival in Sinonasal Squamous Cell Carcinoma?**  
Sei Y. Chung, BS, Newark, NJ; Albert H. Zhou, BS, Newark, NJ; Aykut A. Unsal, DO, Newark, NJ; Varesh R. Patel, BA, Newark, NJ; Soly Baredes, MD, Newark, NJ; Jean Anderson Eloy, MD, Newark, NJ
- 12:12**             **Use of Pharyngeal Packs in Functional Endoscopic Sinus Surgery: A Randomized Controlled Trial**  
Ross W. Green, MD, New York, NY; Neeraja Konuthula, BA, New York, NY; Maximiliano Soberero, BA, New York, NY; Alok Saini, MD, New York, NY; Satish K. Govindaraj, MD, New York, NY; Alfred-Marc C. Iloreta, MD, New York, NY
- 12:19**             **Acellular Human Dermal Allograft as a Graft for Nasal Septal Perforation Reconstruction**  
Dustin J. Conrad, MD, Edmonton, AB Canada; Han A. Zhang, MD, Toronto, ON Canada; Dave W. Côté, MD, Edmonton, AB Canada

12:26

Q&A

12:30

**ADJOURN SESSIONS - afternoon activities are listed on the next page**

10:30 - 12:30 CONCURRENT SESSION 4B  
LARYNGOLOGY/BRONCHOSOPHAGOLOGY - RHYTHMS BR

**Moderator: Peak Woo, MD FACS, New York, NY**

10:30

**Inpatient Vocal Fold Medialization for Postoperative Vocal Fold Movement Impairment Following Extent I and II Thoracic Aortic Aneurysm Repair**

Diane W. Chen, MD, Houston, TX; Ankita Patro, BS, Houston, TX; Nelson E. Liou, MD, Houston, TX; Donald T. Donovan, MD, Houston, TX; Julina Ongkasuwan, MD, Houston, TX

10:37

**Development of Otolaryngology Flexible Bronchoscopy Skills and Tasks Assessment Tool (BSTAT)**

Karuna Dewan, MD, Los Angeles, CA; Dinesh K. Chhetri, MD, Los Angeles, CA; Avraham H. Mendelsohn, MD, Los Angeles, CA

10:44

**Isolated Neurosarcoidosis Presenting as Unilateral or Bilateral Vocal Fold Paralysis**

Tara J. Wu, BA, San Francisco, CA; Sean M. Lewis, MD, New York City, NY; Peak Woo, MD, New York City, NY

10:51

**Continuous Quality Improvement: Reevaluating a Standardized Sedation Wean Protocol Following Pediatric Laryngotracheal Reconstruction**

Sarah N. Bowe, MD, Boston, MA; Alessandra Colaianni, MD, Boston, MA; Christopher J. Hartnick, MD, Boston, MA

10:58

**Revisits after Pediatric Tracheotomy: Airway Concerns Result in Returns**

Sophie Grace Shay, MD, Los Angeles, CA; Nina L. Shapiro, MD, Los Angeles, CA; Neil Bhattacharyya, MD, Boston, MA

11:05

**Laryngectomy and Smoking: An Analysis of Postoperative Risk**

Jacob S. Brady, BA, Newark, NJ; Meghan M. Crippen, MS, Newark, NJ; Andrey Filimonov, PharmD, Newark, NJ; Jean Anderson Eloy, MD, Newark, NJ; Soly Baredes, MD, Newark, NJ; Richard C. Park, MD, Newark, NJ

11:12

**A Validation Study of a Silver Oxide Dual Valve Voice Prosthesis Designed for Tracheoesophageal Voice Restoration Following Total Laryngectomy**

Benjamin P. Brownlee, BS, Oklahoma City, OK; Saniya Ahmad, MD, Oklahoma City, OK; Tracy L. Grammer, MS CCC-SLP, Oklahoma City, OK; Greg A. Krempf, MD, Oklahoma City, OK

11:19

**Quality Indicators of Laryngeal Cancer Care in Commercially Insured Patients**

Christopher J. Britt, MD, Baltimore, MD; Hsien-Yen Chang, PhD, Baltimore, MD; Harry Quon, MD, Baltimore, MD; David W. Eisele, MD, Baltimore, MD; Kevin D. Frick, PhD, Baltimore, MD; Christine G. Gourin, MD, Baltimore, MD

11:26

Q&A

11:30 - 12:25

**GASTROESOPHAGEAL REFLUX TREATMENT: PROBLEMS WITH MEDICAL AND SURGICAL TREATMENT OPTIONS**

**Moderator:** Seth H. Dailey, MD, Madison, WI

**Panelists:** Joel H. Blumin, MD FACS, Milwaukee, WI  
H. Peter Doble II, MD FACS, Twin Falls, ID  
C. Gaelyn Garrett, MD MMHC, Nashville, TN

12:25 Q&A

12:30 ADJOURN SESSIONS

**AFTERNOON & EVENING - LEISURE OR ACTIVITIES**

12:30 GOLF OUTING (pre-registration required) - Audubon Golf Club

12:45 - 1:30 TRIOLOGICAL THESIS SEMINAR (pre-registration required)

1:00 - 2:15 RESIDENT BOWL (pre-registration required)

12:45 - 2:45 PHYSICIAN/SCIENTIST MEETING (by invitation)

12:45 NOLA Tours - Mardi Gras World, walking tours (attendees on their own)

2:30 - 6:00 AMERICAN SOCIETY OF GERIATRIC OTOLARYNGOLOGY SCIENTIFIC SESSION (registration required with ASGO)

SATURDAY, JANUARY 21, 2017

7:00 - 7:50 Business Meetings (Fellows Only)  
Eastern Section - Borgne (3rd floor)  
Middle Section - Maurepas (3rd floor)

7:30 Attendee Breakfast with Exhibitors

8:00 - 9:45 GENERAL SESSION - NAPOLEON AB

8:00 Announcements by Vice Presidents  
Introduction of Vice Presidents-Elect by Section Vice Presidents

8:05 - 9:30 THE LATEST AND GREATEST  
**Moderator:** Ronald G. Amedee, MD FACS, New Orleans, LA  
**Novel Drug Delivery Vehicles to the Ear**  
Daniel I. Choo, MD FACS, Cincinnati, OH  
**Hybrid Cochlear Implants Long Term Result: A Look into the Future**  
Bruce J. Gantz, MD FACS, Iowa City, IA  
**Eustachian Tube Ballooning**  
Dennis S. Poe, MD PhD FACS, Boston, MA  
**Vagal Stimulation during Thyroidectomy**  
Gregory W. Randolph, MD FACS, Boston, MA

9:30 - 10:00 *Break with Exhibitors/View Posters - Napoleon CD*

10:00 - 12:00 CONCURRENT SESSION 5A  
GENERAL AND HEAD AND NECK - NAPOLEON AB

10:00 - 11:00 **SHARED DECISIONS: Can Head and Neck Surgeons Do It Better?**  
**Moderator:** Jonas T. Johnson, MD FACS, Pittsburgh, PA  
**Panelists:** William B. Armstrong, MD FACS, Irvine, CA  
Carol R. Bradford, MD FACS, Ann Arbor, MI  
Dale H. Brown, MD, Toronto, ON  
Mark S. Persky, MD FACS, New York, NY

11:00

**Q&A**

**Moderator: Daniel G. Deschler, MD FACS, Boston, MA**

11:05

**Lawrence Boies, MD Resident Research Award (Middle Section)  
Incidence and Complications of Postoperative Hemorrhage after Transoral  
Robotic Surgery**

Joseph Zenga, MD, St. Louis, MO; Jasmina Suko, BA, St. Louis, MO;  
Patrik Pipkorn, MD, St. Louis, MO; Brian Nussenbaum, MD, St. Louis, MO;  
Kallogjeri Dorina, MD MPH, St. Louis, MO; Ryan S. Jackson, MD, St. Louis, MO

11:12

**The Efficacy of Elective Neck Dissection in Maxillary Sinus Squamous Cell  
Carcinoma**

Neel R. Sangal, BA, Newark, NJ; Yung-Jae Lee, BA, Newark, NJ; Jean Anderson  
Eloy, MD, Newark, NJ; Soly Baredes, MD, Newark, NJ; Richard C. Park, MD,  
Newark, NJ

11:19

**Racial and Socioeconomic Disparities in Salivary Gland Malignancy Treatment  
Outcomes**

Ayaka J. Iwata, MD MS, Detroit, MI; Amy M. Williams, PhD, Detroit, MI; Andrew R.  
Taylor, MA, Detroit, MI; Steven C. Chang, MD, Detroit, MI

11:26

**Oral Sensory Dysfunction Following Radiotherapy**

Shethal Bearely, MD, Nashville, TN; Steven J. Wang, MD, Tucson, AZ; Steven W.  
Cheung, MD, San Francisco, CA

11:33

**Utility of Preoperative Fine Needle Aspiration in Guiding Surgical Management  
of Parotid Gland Lesions**

Danielle F. Eytan, MD, Baltimore, MD; Linda Yin, BA, Baltimore, MD;  
Zahra Maleki, MD, Baltimore, MD; Ralph P. Tufano, MD MBA, Baltimore, MD;  
David W. Eisele, MD, Baltimore, MD; Christine G. Gourin, MD, Baltimore, MD

11:40

**Desmoplastic Melanoma of the Head and Neck: Incidence and Survival 1992-  
2013**

Fatima Khan, BS, Rochester, NY; Alexis Strohl, MD, Syracuse, NY; Paul D.  
Allen, PhD, Rochester, NY; Timothy Doerr, MD, Rochester, NY

11:47

**A Modular Polymer Platform that Delivers Recombinant Cytokines and  
Cisplatin Allows for De-escalation of Radiation Therapy in an Animal Model of  
Head and Neck Squamous Cell Carcinoma**

Maie A. St. John, MD PhD, Los Angeles, CA; Zachary D. Taylor, PhD, Los Angeles,  
CA; Warren L. Grundfest, MD, Los Angeles, CA

11:54

**Q&A**

12:00 - 1:00

***Lunch/Visit Exhibits/View Posters - Napoleon CD***

10:00 - 12:00 CONCURRENT SESSION 5B  
OTOLOGY/NEUROTOLOGY - RHYTHMS BALLROOM

**Moderator: Peter A. Weisskopf, MD FACS, Phoenix, AZ**

10:00

**Clinical Implications of Preoperative Cochlear Implant Evaluations in Noise**

Emily A. Franko-Tobin, BS, Charleston, SC; Kathryn L. Kreicher, BA, Charleston,  
SC; Elizabeth L. Camposeo, AuD, Charleston, SC; Meredith A. Holcomb, AuD,  
Charleston, SC; Ted A. Meyer, MD PhD, Charleston, SC

- 10:07**      **Greater Angular Depth of Insertion Is Associated with Better Speech Perception in Patients Implanted with MED-EL Electrode Arrays**  
 Brendan P. O'Connell, MD, Nashville, TN; Jacob B. Hunter, MD, Nashville, TN; David S. Haynes, MD, Nashville, TN; Matthew M. Dedmon, MD PhD, Nashville, TN; Jack H. Noble, PhD, Nashville, TN; George B. Wanna, MD, Nashville, TN
- 10:14**      **Can Electrocochleography Help Predict Cochlear Implant Speech Perception Outcomes in Children with Auditory Neuropathy Spectrum Disorder?**  
 Tatyana E. Fontenot, MD, Chapel Hill, NC; Christopher K. Giardina, BS, Chapel Hill, NC; Holly F.B. Teagle, AuD, Chapel Hill, NC; Kevin D. Brown, MD PhD, Chapel Hill, NC; Harold C. Pillsbury, MD, Chapel Hill, NC; Douglas C. Fitzpatrick, PhD, Chapel Hill, NC
- 10:21**      **Shirley Baron Resident Research Award (Western Section) Automated Smartphone Audiometry: Validation of a Word Recognition Test Program**  
 Nicholas Alexander Dewyer, MD, San Francisco, CA; Patpong Jiradejvong, MS, San Francisco, CA; Jennifer Henderson Sabes, AuD, San Francisco, CA; Charles J. Limb, MD, San Francisco, CA
- 10:28**      **Audiometric and Otologic Phenotype in Children with Diabetes**  
 Kathryn L. Kreicher, BA, Charleston, SC; Ted A. Meyer, MD PhD, Charleston, SC
- 10:35**      **Systematic Review of Facial Nerve Outcomes after Middle Fossa Decompression versus Transmastoid Decompression for Bell's Palsy with Complete Paralysis**  
 Geoffrey C. Casazza, MD, Salt Lake City, UT; Seth R. Schwartz, MD MPH, Seattle, WA; Richard K. Gurgel, MD, Salt Lake City, UT
- 10:42**      **Malignant Otitis Externa Outcomes: A Study of the University HealthSystem Consortium Database**  
 Michael J. Bauschard, MD, Charleston, SC; Kathryn L. Kreicher, BA, Charleston, SC (Presenter); Christopher F. D'Esposito, BS, Charleston, SC; Jonathan Hatch, MD, Charleston, SC; Ted A. Meyer, MD PhD, Charleston, SC; Theodore R. McRackan, MD, Charleston, SC
- 10:49**      **Q&A**
- 10:55 - 11:55**      **HEARING LOSS REHABILITATION: OPTIONS IN UNILATERAL VS BILATERAL LOSS**  
**Moderator:** Craig A. Buchman, MD FACS, St. Louis, MO  
**Panelists:** Brian J. McKinnon, MD MBA FACS, Memphis, TN  
 Alan G. Micco, MD FACS, Chicago, IL  
 J. Thomas Roland, MD, New York, NY
- 11:55**      **Q&A**
- 12:00 - 1:00**      **Lunch/Visit Exhibits/View Posters - Napoleon CD**
- 1:10 - 3:05 CONCURRENT SESSION 6A  
 PEDIATRIC OTOLARYNGOLOGY - NAPOLEON AB**
- Moderator: Laura J. Orvidas, MD FACS, Rochester, MN**
- 1:10**      **Laryngotracheal Reconstruction and Swallowing: A Review**  
 Jennifer F. Ha, MBBS FRACS, Ann Arbor, MI; Lynn Driver, MS-CCC SLP, Ann Arbor, MI; David A. Zopf, MD, Ann Arbor, MI

- 1:17**      **Reducing Delays in Care by Instituting a Dedicated Add-on Operating Room**  
Andrew J. Redmann, MD, Cincinnati, OH; Kyle S. Robinette, DO, Madison Heights, MI; Charles M. Myer IV, MD, Cincinnati, OH; Alessandro D. de Alarcon, MD MPH, Cincinnati, OH; Aimee M. Veid, MHA, Cincinnati, OH; Catherine K. Hart, MD, Cincinnati, OH
- 1:24**      **Development of an Epithelial Raft Cell Culture System for Pediatric Recurrent Respiratory Papillomatosis**  
David F. Smith, MD PhD, Cincinnati, OH; Marion G. Brusadelli, MS, Cincinnati, OH; Alessandro de Alarcon, MD MPH, Cincinnati, OH; Najim Ameziame, PhD, Cincinnati, OH; El Mustapha Bahassi, PhD, Cincinnati, OH; Susanne I. Wells, PhD, Cincinnati, OH
- 1:31**      **Systematic Review on Treatment Efficacy and Rebound Growth Rate with Propranolol Treated Subglottic Hemangioma**  
Robert H. Chun, MD, Milwaukee, WI; John Faria, MD, Milwaukee, WI (Presenter); Tyler Schwartz, BS, Milwaukee, WI; Sachin Pawar, MD, Milwaukee, WI; Dawn Siegel, MD, Milwaukee, WI
- 1:38**      **Incidence of Juvenile Onset Recurrent Respiratory Papillomatosis before and after Approval of the Gardasil Human Papilloma Virus Vaccine: Where Are We Now?**  
Lori M. Guillot, MD, Birmingham, AL; Do Y. Cho, MD, Birmingham, AL; Nicholas J. Smith, MD, Birmingham, AL
- 1:45**      **New Data Challenges the Benefit of Perioperative Otic Drops for Tube Patency**  
Joseph E. Dohar, MD, Pittsburgh, PA; Dean E. Hakanson, MD, San Diego, CA; Carl Lebel, PhD, San Diego, CA
- 1:52**      **Resident Triage of After Hours Patient Phone Calls: A Missing Core Competency?**  
Ashton E. Lehmann, MD, Boston, MA; Elliott D. Kozin, MD, Boston, MA; Rosh K. Sethi, MD MPH, Boston, MA; Kevin Wong, BA, Boston, MA; Stacey T. Gray, MD, Boston, MA; Michael J. Cunningham, MD, Boston, MA
- 1:59**      **Low Rate of Positive Bronchoscopy for Suspected Foreign Body Inhalation in Infants**  
Cameron C. Sheehan, BS, Columbus, OH; Joseph Lopez, MD, Columbus, OH; Charles Elmaraghy, MD, Columbus, OH
- 2:10 - 3:00**      **PAIN MANAGEMENT IN POST-TONSILLECTOMY PEDIATRIC PATIENTS**  
**Moderator:** Charles M. Myer III, MD FACS, Cincinnati, OH  
**Panelists:** Laura J. Orvidas, MD FACS, Rochester, MN  
David E. Tunkel, MD FACS, Baltimore, MD
- 3:00**      **Q&A**
- 3:05 - 3:30**      **Break/View Posters - Napoleon CD**
- 1:10 - 3:10 CONCURRENT SESSION 6B**  
**GENERAL AND SLEEP MEDICINE - RHYTHMS BALLROOM**
- 1:10 - 2:05**      **DISE (DRUG INDUCED SLEEP ENDOSCOPY): CURRENT INDICATIONS AND PITFALLS**  
**Moderator:** Stacey Ishman, MD, Cincinnati, OH  
**Panelists:** Jolie Chang, MD, San Francisco, CA  
David Steward, MD, Cincinnati, OH

2:05

**Q&A**

**Moderator: C. Ron Cannon, MD FACS, Jackson, MS**

2:10

**Outcomes of Sialendoscopy Assisted Duct Surgery (SASDS) for Salivary Duct Stenoses Using the COSS Questionnaire: A Prospective Study**

Elise A. Delagnes, MA BA, San Francisco, CA; Annick Aubin-Pouliot, MD, San Francisco, CA; Melissa Zhang, BA, San Francisco, CA; Jolie L. Chang, MD, San Francisco, CA; William R. Ryan, MD, San Francisco, CA

2:17

**Resident Undercoding as a Revenue Opportunity in an Academic Otolaryngology Department**

Warren C. Swegal, MD, Detroit, MI; Kathleen L. Yaremchuk, MD, Detroit, MI; Michael C. Singer, MD, Detroit, MI

2:24

**Adjunct Steroids in the Treatment of Peritonsillar Abscess: A Systematic Review**

Kevin Hur, MD, Los Angeles, CA; Sheng Zhou, BS, Los Angeles, CA; Lynn Kysh, MLIS, Los Angeles, CA

2:31

**Novel Candidate Variant in the ACSS2 Gene Associated with Nonsyndromic Cleft Lip and Palate in Two Independent Hispanic Populations**

Sonam Dodhia, BA, New York, NY; Alana Aylward, MD, Salt Lake City, UT; Yi Cai, BA, New York, NY; Katrina Celis, MD, New York, NY; Wendy K. Chung, MD PhD, New York, NY; Joseph Haddad, MD, New York, NY

2:38

**Radiocontrast Dye Extravasation during Sialography**

Kristy H. Truong, MD, Iowa City, IA; Henry T. Hoffman, MD, Iowa City, IA (Presenter); Joan E. Maley, MD, Iowa City, IA

2:45

**Neck Abscess: An Unusual Clinical Presentation of Mycobacterium Abscessus Infection of a Second Branchial Cleft Cyst**

Divya A. Chari, MD, San Francisco, CA; Eric J. Formeister, MD, San Francisco, CA; Chase M. Heaton, MD, San Francisco, CA

2:52

**Successful Ablation of Plunging Ranula by Ultrasound Guided Percutaneous Ethanol Injection**

Michelle-Linh T. Nguyen, BA, Stanford, CA; Lisa A. Orloff, MD, Stanford, CA

2:59

**Failure of Multiple Imaging Modalities to Diagnose Venolymphatic Malformation of the Tongue**

Christine M. Kim, MD, Los Angeles, CA; Andrew M. Vahabzadeh-Hagh, MD, Los Angeles, CA; John W. Frederick, MD, Los Angeles, CA; Quang C. Luu, MD, Los Angeles, CA

3:06

**Q&A**

3:10 - 3:30

***Break/View Posters - Napoleon CD***

**3:30 - 5:15 - GENERAL SESSION - NAPOLEON AB**

**Moderator: Andrew H. Murr, MD FACS, San Francisco, CA**

3:30

**A Disease of the Healthy: Higher Incidence of Thyroid Cancer in States with Better Predictors of Overall Health**

Brandon L. LaBarge, BA, Hershey, PA; David M. Goldenberg, MD, Hershey, PA; Darrin V. Bann, MD PhD, Hershey, PA



- 3:37 Nonsurgical Management of HIV Associated Parotid Cysts: A Systematic Review and Meta-Analysis**  
Akash N. Naik, BA, Charleston, SC; William B. Clinkscales, BAS, Charleston, SC; Shaun A. Nguyen, MD, Charleston, SC; Marion Boyd Gillespie, MD, Memphis, TN
- 3:44 Utility of Adjunctive Procedures with Balloon Dilatation of the Eustachian Tube**  
Yehia M. Ashry, MSC, Boston, MA; Kosuke Kawai, SC D, Boston, MA; Dennis S. Poe, MD PhD, Boston, MA
- 3:51 Henry Williams, MD Resident Research Award (Middle Section)**  
**Venous Thromboembolism in Otolaryngology: Do Existing Guidelines Apply?**  
John D. Cramer, MD, Chicago, IL; Anthony D. Yang, MD MS, Chicago, IL; Amanda E. Dilger, MD, Chicago, IL; Alexander E. Schneider, MD, Chicago, IL; Urjeet A. Patel, MD, Chicago, IL; Stephanie Shintani Smith, MD MS, Chicago, IL
- 3:58 Pediatric and Adult Patients with No Insurance or Medicaid Are More Likely to Present to the Emergency Department for Acute Rhinosinusitis**  
Regan W. Bergmark, MD, Boston, MA; Stacey L. Ishman, MD MPH, Cincinnati, OH; Katie M. Phillips, MD, Boston, MA; Michael J. Wie, MD, Boston, MA; Ahmad R. Sedaghat, MD PhD, Boston, MA
- 4:05 Teaching Observation Program in the Operating Room**  
Margaret L. Naunheim, MD, San Francisco, CA; Andrew N. Goldberg, MD, San Francisco, CA; Lee-May Chen, MD, San Francisco, CA; Gurpreet Dhaliwal, MD, San Francisco, CA
- 4:12 Otolaryngology Externships and the Match: Productive or Futile?**  
Carissa M. Thomas, MD PhD, Aurora, CO; Cristina E. Cabrera-Muffly, MD, Aurora, CO
- 4:19 Q&A**
- 4:25 - 5:10 CONTROVERSIES IN OTOLARYNGOLOGY**  
**Moderator:** Jeffrey M. Bumpous, MD FACS, Louisville, KY  
**Panelists:** **Bilateral Cochlear Implantation**  
Oliver Adunka, MD, Columbus, OH  
**Active Surveillance of Papillary Thyroid Carcinoma**  
Dennis Kraus, MD, New York, NY  
**PE Tube Insertion Guidelines**  
Richard Rosenfeld, MD, Brooklyn, NY  
**Extracapsular Dissection of Benign Parotid Neoplasms**  
Robert Witt, MD, Newark, DE
- 5:10 Q&A**
- 5:15 ADJOURN SESSION**
- 5:30 MEET THE AUTHORS POSTER RECEPTION - NAPOLEON CD**
- 7:15 WITCHES, GHOSTS, VAMPIRES & VODOO WALKING TOUR (arranged for attendees - registration and payment required) meet in lobby at 7:00**

## POSTER PROGRAM

### Allergy/Rhinology

1. **Regional Trends in the Utility of Balloon Sinuplasty**  
Kevin J. Choi, MD MS, Durham, NC; Matthew G. Crowson, MD, Durham, NC; David W. Jang, MD, Durham, NC
2. **Management of Central Skull Base Osteomyelitis**  
Kurren S. Gill, BA, Philadelphia, PA; Mindy Rabinowitz, MD, Philadelphia, PA; Christopher Farrell, MD, Philadelphia, PA; James J. Evans, MD, Philadelphia, PA; Marc Rosen, MD, Philadelphia, PA; Gurston G. Nyquist, MD, Philadelphia, PA
3. **Keros Classification Does not Correlate with Body Mass Index**  
Christopher J. Ito, MD, Augusta, GA; Camilo Reyes-Gelves, MD, Augusta, GA; Clayton F. Perry, BS, Augusta, GA; Stilianos Kountakis, MD PhD, Augusta, GA
4. **Pituitary Aspergillosis Presenting as a Sellar Mass with Compressive Symptoms in an Immunocompetent Patient**  
Caitlin W. Pacheco, BA, New York, NY; Katelyn O. Stepan, MD, New York, NY; Hongyan Zou, MD PhD, New York, NY; Mary E. Fowkes, MD PhD, New York, NY; Alfred M.C. Illoreta, MD, New York, NY
5. **Successful Endoscopic Transsphenoidal Resection of Suprasellar Mass in Two Pediatric Patients with Non-pneumatization of the Sphenoid Sinus**  
Tiffany Peng, MD, New York, NY; Theodore H. Schwartz, MD, New York, NY; Jeffrey P. Greenfield, MD, New York, NY; Ashutosh Kacker, MD MBBS, New York, NY
6. **The Bifurcated Frontal Sinus: Implications for Endoscopic Sinus Surgery**  
Kiranya E. Tipirneni, MD, Birmingham, AL; Edward D. McCoul, MD MPH, New Orleans, LA
7. **Chondromyxoid Fibroma of the Frontal Sinus: A Case Report and Review of the Literature**  
Melanie E. Townsend, MD, St. Louis, MO; John S. Schneider, MD, St. Louis, MO; Michael R. Chicoine, MD, St. Louis, MO
8. **Is HPV a Factor in Outcomes of Aggressive Open/ Endoscopic Resection of Sinonasal Undifferentiated Carcinoma (SNUC)**  
Sreeya Yalamanchali, MD, Kansas City, KS; Valerie A. Wood, MD, Kansas City, MO; Ossama Tawfik, MD, Kansas City, MO; Ann Robinson, MD, Kansas City, MO; Terance T. Tsue, MD, Kansas City, MO; Larry Hoover, MD, Kansas City, MO

### Facial Plastic & Reconstructive

9. **WITHDRAWN - Noninvasive Terahertz Imaging of Tissue Water Content for Flap Viability Assessment**  
Neha Bajwa, MS, Los Angeles, CA; Joshua K. Au, MD, Los Angeles, CA; Maie A. St. John, MD PHD, Los Angeles, CA; Micahel C. Fishbein, MD, Los Angeles, CA; Warren S. Grundfest, MD, Los Angeles, CA; Zachary D. Taylor, PhD, Los Angeles, CA
10. **Maxillofacial Trauma and Sports Related Concussions among National Collegiate Athletic Association Athletes: 2009-2014**  
Stephen R. Chorney, MD MPH, Syracuse, NY; Lindsay Sobin, MD, Boston, MA; Mitchell Lyons, BA, Syracuse, NY; Brian D. Nicholas, MD, Syracuse, NY; Parul Goyal, MD MBA, Syracuse, NY; Amar C. Suryadevara, MD, Syracuse, NY

11. **Does the American College of Surgeons National Surgical Quality Improvement Program Surgical Risk Calculator Accurately Predict Postoperative Outcomes in Head and Neck Free Flap Reconstruction?**  
Kristen A. Echanique, BS, Newark, NJ; Neil V. Nadpara, BA, Newark, NJ; Sei Y. Chung, BS, Newark, NJ; Jean Anderson Eloy, MD, Newark, NJ; Soly Baredes, MD, Newark, NJ; Richard C. Park, MD, Newark, NJ
12. **The Impact of Frailty on Morbidity and Mortality Following Microvascular Reconstructive Free Flap Surgery of the Head and Neck**  
Dominick V. Congiusta, BS, Newark, NJ; Monica Azmy, BS, Newark, NJ; Jacob S. Brady, BA, Newark, NJ; Jean Anderson Eloy, MD, Newark, NJ; Soly Baredes, MD, Newark, NJ; Richard C. Park, MD, Newark, NJ
13. **Repair of Cocaine Induced Palatopharyngeal and Sinonasal Stenosis**  
Austin N. DeHart, MD, Richmond, VA; Jonathan M. Young, MD, Richmond, VA; Thomas S. Lee, MD, Richmond, VA; Rajanya S. Petersson, MD, Richmond, VA
14. **The Bipedicled Orbicularis Oculi Myocutaneous (BOOM) Flap for Repair of the Paralytic Ectropion**  
Gita M. Fleischman, MD, Chapel Hill, NC; William W. Shockley, MD, Chapel Hill, NC; Brian D. Thorp, MD, Chapel Hill, NC; Joseph Madison Clark, MD, Chapel Hill, NC
15. **In Vitro Investigation of Tributyrin as a Master Regulator in Keloid Pathogenesis**  
Laura R. Garcia-Rodriguez, MD, Detroit, MI; Lamont R. Jones, MD, Detroit, MI; Kang Mei Chen, MD, Detroit, MI; Indrani Datta, MS, Detroit, MI; George W. Divine, PhD, Detroit, MI; Maria J. Worsham, PhD, Detroit, MI
16. **Role of Postoperative Radiographs after Orbital Floor Fracture Repair**  
Adam L. Honeybrook, MBBS, Durham, NC; David J. Carpenter, BA, Durham, NC; Nikita Chapurin, BA, Durham, NC; David Powers, MD DDS, Durham, NC; Charles Woodard, MD, Durham, NC
17. **Utilization of Hydroxyapatite for Non-Cosmetic Facial Volume Restoration**  
Brittany Emma Howard, MD, Chapel Hill, NC; J. Madison Clark, MD, Chapel Hill, NC
18. **Microtia Repair: A Novel Application of Ultrasonic Bone Aspirator**  
Timothy E. Ortlip, MD, Baltimore, MD; Julian D. Amin, MD, Baltimore, MD; Chris J. Rizzi, MD, Baltimore, MD; Jewel D. Greywoode, MD, Baltimore, MD; Kalpesh T. Vakharia, MD, Baltimore, MD
19. **ThermiTight Treatment for the Aging Face: A Retrospective Review of Short Term Outcomes**  
Akshay Sanan, MD, Philadelphia, PA; Howard D. Krein, MD PhD, Philadelphia, PA; Ryan N. Heffelfinger, MD, Philadelphia, PA
20. **A Novel Computer Algorithm for 3D Printing a Prosthetic Nose: A Pilot Study**  
Meryam A. Shikara, BA, Baltimore, MD; Christopher J. Rizzi, MD, Baltimore, MD; Brian Zelig, MSLIS MA, Baltimore, MD; Kavita T. Vakharia, MD MS, Baltimore, MD; Jewel D. Greywoode, MD, Baltimore, MD; Kalpesh T. Vakharia, MD MS, Baltimore, MD
21. **Impact of Transfusion on Postoperative Complications in Free Flap Surgery of the Head and Neck**  
Sana H. Siddiqui, BA, Newark, NJ; Aparna Govindan, BA, Newark, NJ; Jacob S. Brady, BA, Newark, NJ; Jean Anderson Eloy, MD FACS, Newark, NJ; Soly Baredes, MD FACS, Newark, NJ; Richard C. Park, MD FACS, Newark, NJ

22. **Arista Hemostatic Powder to Reduce Donor Site Complications in Anterolateral Thigh Free Flaps**  
Matthew L. Tamplen, MD, San Francisco, CA; Elizabeth Shuman, BA, San Francisco, CA; Chase M. Heaton, MD, San Francisco, CA; P. Daniel Knott, MD, San Francisco, CA; Rahul Seth, MD, San Francisco, CA
23. **Postoperative Intranasal Airway Use Following Septorhinoplasty and Nasal Surgery**  
Prem B. Tripathi, MD MPH, Irvine, CA; Pejman Majd, BS, Irvine, CA; Tuan Ngo, BS, Irvine, CA; Ata Sharif, MD, Irvine, CA; Naveen D. Bhandarkar, MD, Irvine, CA; Brian J.F. Wong, MD PhD, Irvine, CA

General/Clinical Fundamentals

24. **Management of Tracheal Stenosis in Patients with Severe Autism Spectrum Disorder**  
Mark A. Arnold, MD, Syracuse, NY; Jason A. Wallen, MD, Syracuse, NY; Mark F. Marzouk, MD, Syracuse, NY
25. **Integration of Milestones and the Clinical Competency Committee: Added Time, Added Value, or Both?**  
Cristina E. Cabrera-Muffly, MD, Aurora, CO; Mona M. Abaza, MD MS, Aurora, CO
26. **Postauricular "Finger" Flap for Reconstruction of Conchal Bowl Defects**  
Charles R. Cannon, MD, Flowood, MS
27. **Factors Associated with Patient No-Show Rates in an Academic Otolaryngology Practice**  
Caitlin E. Fiorillo, MD, Lexington, KY; Allyson L. Hughes, MS-3, Lexington, KY; Philip M. Westgate, PhD, Lexington, KY; Thomas J. Gal, MD MPH, Lexington, KY; Matthew L. Bush, MD, Lexington, KY; Brett T. Comer, MD, Lexington, KY
28. **Management of an Unusual Intranasal Foreign Body Abutting the Cribriform Plate: A Case Report and Review of Literature**  
Mingyang L. Gray, MD MPH, New York, NY; Satish Govindaraj, MD, New York, NY
29. **Partial Denture as an Unusual Airway Foreign Body in Adult**  
Terence E. Imbery, MD, Syracuse, NY; Joshua E. Romero, MD, Syracuse, NY; Robert M. Kellman, MD, Syracuse, NY
30. **From Ancient Wisdom to Modern Medicine: A Concise, Multi-Cultural History of Tracheostomy**  
Matthew R. Naunheim, MD MBA, Cambridge, MA; Margaret L. Naunheim, MD, San Francisco, CA; George A. Scangas, MD, Boston, MA; Heather A. Osborn, MD, Boston, MA
31. **Publication Rates of Abstracts Presented at National Otolaryngology Conferences**  
Tyler S. Okland, BS, Aurora, CO; Cristina E. Cabrera-Muffly, MD, Aurora, CO (Presenter); Elizabeth F. Boscoe, BA, Aurora, CO; Thad W. Vickery, BA, Aurora, CO; Kenny D. Rodriguez, BS RN, Aurora, CO
32. **Acute Calcific Tendonitis of the Longus Colli: A Case Report and Review of the Literature**  
Blake S. Raggio, MD, New Orleans, LA; Samuel C. Ficenec, BS, New Orleans, LA
33. **Clinical Manifestations of Ehlers-Danlos Syndrome**  
Viran J. Ranasinghe, MD, Philadelphia, PA; Jason L. Yu, MD, Philadelphia, PA; Natasha Mirza, MD, Philadelphia, PA

34. **Impact of a Resident Initiated Board Review Curriculum on Resident Performance on the Annual Otolaryngology Training Examination**  
Andrew J. Redmann, MD, Cincinnati, OH; Kareem O. Tawfik, MD, Cincinnati, OH;  
Charles M. Myer III, MD, Cincinnati, OH
35. **Improving No-Show Rate for Otolaryngology Clinic in a Public Safety Net System**  
Marika D. Russell, MD, San Francisco, CA
36. **Airway Management of Myeloid Sarcoma of the Larynx: A Case Report and Review of the Literature**  
Justin C. Sowder, MD, Salt Lake City, UT; Aleksandra M. Sowder, MD, Salt Lake City, UT;  
Marc E. Error, MD, Salt Lake City, UT
37. **Operations Performed Concurrently Did not Affect Outcomes in Microvascular Reconstruction**  
Larissa Sweeny, MD, Birmingham, AL; Eben L. Rosenthal, MD, Stanford, CA; Tyler Light, BS, Portland, OR; Jessica Grayson, MD, Birmingham, AL; Benjamin Greene, MD, Birmingham, AL; Mark Wax, MD, Portland, OR
38. **Beyond the USMLE: A New Paradigm for Residency Applicant Selection**  
Kevin J. Sykes, PhD MPH, Kansas City, KS; Jennifer A. Villwock, MD, Kansas City, KS;  
Keith A. Sale, MD, Kansas City, KS
39. **Safety in Intraoperative MRI Use**  
Julia C. Toman, MD, New Haven, CT; R. Peter Manes, MD, New Haven, CT
40. **A Case of Anaplastic Large Cell Lymphoma**  
Olivia Twu, MD PhD, San Francisco, CA; Christopher G. Tang, MD, San Francisco, CA
41. **Chronic Asymptomatic Parotid Mass as a Unique Focal Manifestation of Immunoglobulin G4 Related Disease**  
Andrew M. Vahabzadeh-Hagh, MD, Los Angeles, CA; Eddie A. Ramirez, MD, Los Angeles, CA
42. **The Israel Retractor Modification for Oropharyngeal Surgery on Patients of Larger Body Habitus**  
Andrew M. Vahabzadeh-Hagh, MD, Los Angeles, CA; Eddie A. Ramirez, MD, Los Angeles, CA
43. **Medical Student Involvement in National Otolaryngology Organizations**  
Kevin Wong, BA, Boston, MA; Minyoung Jang, MD, Boston, MA; Amir Gilad, BS, Boston, MA; Jessica R. Levi, MD, Boston, MA

#### Head & Neck

44. **The Effectiveness of Physical Therapy Following Neck Dissection: A Meta-Analysis**  
Yusuf M. Agamawi, BS, Minneapolis, MN; Masanari G. Kato, BS, Charleston, SC; Shaun A. Nguyen, MD MA, Charleston, SC; Terry A. Day, MD, Charleston, SC
45. **Regional Differences in Sinonasal Adenoid Cystic Carcinoma**  
Sei Y. Chung, BS, Newark, NJ; Albert H. Zhou, BS, Newark, NJ; Aykut A. Unsal, DO, Newark, NJ; Varesh R. Patel, BA, Newark, NJ; Soly Baredes, MD, Newark, NJ; Jean Anderson Eloy, MD, Newark, NJ

46. **Geographical Differences in Disease Specific Survival of Head and Neck Mucosal Melanoma: A Population Based Analysis**  
Sei Y. Chung, BS, Newark, NJ; Varesh R. Patel, BA, Newark, NJ; Aykut A. Unsal, DO, Newark, NJ; Albert H. Zhou, BS, Newark, NJ; Soly Baredes, MD, Newark, NJ; Jean Anderson Eloy, MD, Newark, NJ
47. **Diagnostic Challenge of Parathyroid Cysts**  
Deepa Danan, MD MBA, Charlottesville, VA; Brian Hernandez, , Charlottesville, VA; David C. Shonka Jr., MD, Charlottesville, VA
48. **A Superoxide Dismutase (SOD) Mimetic, GC4419, Enhances the Efficacy of Standard of Care Therapies for Head and Neck Squamous Cell Carcinoma (HNSCC)**  
Andrew B. Davis, MD, Iowa City, IA; Collin D. Heer, BS, Iowa City, IA; D. Benjamin Riffe, BS, Iowa City, IA; Dennis P. Riley, PhD, Malvern, PA; Robert A. Beardsley, PhD, Malvern, PA; Douglas R. Spitz, PhD, Iowa City, IA
49. **Melanoma of the External Ear: A Population Based Study**  
Nicholas L. Deep, MD, Phoenix, AZ; Amy E. Glasgow, MHA, Rochester, MN; Elizabeth B. Habermann, MPH PhD, Rochester, MN; Jan L. Kasperbauer, MD, Rochester, MN; Matthew L. Carlson, MD, Rochester, MN
50. **Delayed Infection of Porous Polyethylene Implant after Oncologic Maxillectomy Reconstruction: Two Case Reports and a Review of Literature**  
Karthik Devarajan, MD MBA, Shreveport, LA; Miriam E. Hankins, BS MSc, Shreveport, LA; Juraj Berkovic, MD, Shreveport, LA; Cherie Ann O. Nathan, MD FACS, Shreveport, LA
51. **Thyroid Mass from a Malignant Glomus Tumor: Case Report and Literature Review**  
Amanda E. Dilger, MD, Chicago, IL; John D. Cramer, MD, Chicago, IL; Jose C. Dutra, MD, Chicago, IL
52. **Parathyroid Adenomatosis: A Case Report of Multifocal Atypical Parathyroid Tissue Leading to Hyperparathyroidism**  
William M. Dougherty, ND, Charlottesville, VA; David C. Shonka, MD, Charlottesville, VA
53. **Recurrent Epidermal Inclusion Cyst of the Parapharyngeal Space: Case Report and Review of Literature**  
Caleb J. Fan, BS, Baltimore, MD; Susan D. Emmett, MD MPH, Baltimore, MD; Elise S. Gelwan, MD, Baltimore, MD; Charles M. Stewart, MD PhD, Baltimore, MD; David W. Eisele, MD, Baltimore, MD
54. **Laryngeal Chondroma: A Case Report and Systematic Review**  
Justin B. Fong, , St. Louis, MO; Christopher G. Tang, MD, San Francisco, CA
55. **A Multi-Institutional Analysis of the Influence of Transfusions on Complication Rates after Major Head and Neck Surgery**  
Aparna Govindan, BA, Newark, NJ; Sana H. Siddiqui, BA, Newark, NJ; Jean Anderson Eloy, MD, Newark, NJ; Soly Baredes, MD, Newark, NJ; Richard C. Park, MD, Newark, NJ
56. **Transfusion Protocols in Head and Neck Free Flap Surgery**  
Jessica W. Grayson, MD, Birmingham, AL; David W. Davis, DMD MD, Birmingham, AL; Philip D. Rosen, MD, Birmingham, AL; Lindsay S. Moore, MD, Birmingham, AL; William R. Carroll, MD, Birmingham, AL
57. **Pharyngeal Flap Reconstruction for Velopharyngeal Insufficiency Following Bilateral Transoral Robotic Radical Tonsillectomy**  
James M. Hamilton, MD, Philadelphia, PA; David M. Cognetti, MD, Philadelphia, PA; Howard D. Krein, MD, Philadelphia, PA

58. **Distinct Epidemiologic Characteristics of Tongue Cancer in the Young Population: A Population Based Epidemiological Study**  
Albert Y. Han, PhD, Los Angeles, CA; Christine M. Kim, MD, Los Angeles, CA; Camille Pinpin, BA, Los Angeles, CA; Wendy Cozen, DO MPH, Los Angeles, CA; Maie St. John, MD PhD, Los Angeles, CA
59. **3 Dimensional Protein Modeling of TP53 Mutations in Head and Neck Squamous Cell Carcinoma**  
Thomas E. Heineman, MD, Los Angeles, CA; Maie A. St. John, MD PhD, Los Angeles, CA
60. **Lester A. Brown, MD Resident Research Award**  
**Effects of Curcumin Chewing Gum on Pro-Inflammatory Cytokines When Compared to Capsule Formulation of Curcumin**  
Sean P. Holmes, MD, Shreveport, LA; Tara M. Moore-Medlin, BS, Shreveport, LA; Xiaohui R. Ma, BS, Shreveport, LA; Brian S. Latimer, BS, Shreveport, LA; Kenneth G. McMartin, PhD, Shreveport, LA; Cherie-Ann O. Nathan, MD FACS, Shreveport, LA
61. **Leiomyosarcoma of the Lateral Skull Base**  
Emily Hrisomalos, MD, Cleveland, OH; Nauman Manzoor, MD, Cleveland, OH; David Ludlow, MD, Cleveland, OH; Freedom Johnson, MD, Cleveland, OH; James Liu, MD, Cleveland, OH
62. **Primary Adenocarcinoma of a Branchial Cleft Cyst - A Rare Diagnosis of a Cystic Neck Mass**  
Erik T. Interval, MD, Morgantown, WV; Daniel C. O'Brien, MD, Morgantown, WV; Kaylee M. Purpura, BS, Morgantown, WV; Brian M. Kellermeyer, MD, Morgantown, WV
63. **The Effect of Marital Status on Head and Neck Cancer Presentation, Course of Therapy, and Survival**  
Grace C. Iparraguire, BS, Newark, NJ; Kajal P. Shah, BS, Newark, NJ; Jacob S. Brady, BA, Newark, NJ; Jean Anderson Eloy, MD, Newark, NJ; Soly Baredes, MD, Newark, NJ; Richard C. Park, MD, Newark, NJ
64. **Extracapsular Dissection vs. Superficial Parotidectomy of Benign Parotid Lesions: Surgical Outcomes and Cost Effective Analysis**  
Masanari G. Kato, BS, Charleston, SC; Bulent E. Erkul, MD, Charleston, SC; Shaun A. Nguyen, MD, Charleston, SC; Marion B. Gillespie, MD, Charleston, SC
65. **Geographical Region: Does It Matter in Cutaneous Melanoma of the Head and Neck?**  
Suat Kilic, BA, Newark, NJ; Aykut A. Unsal, DO, Stratford, NJ; Sei Y. Chung, BS, Newark, NJ; Jean Anderson Eloy, MD, Newark, NJ; Soly Baredes, MD, Newark, NJ
66. **The Epidemiology of HPV Induced Head and Neck Cancer in Haiti**  
Maxwell P. Kligerman, BA, Palo Alto, CA; Anahuma Alexandre, MD, Port-au-Prince, Haiti; Patrick Jean-Gilles, MD, Port-au-Prince, Haiti; Mack Cheney, MD, Boston, MA; David K. Walmer, MD PhD, Durham, NC; Anna H. Messner, MD, Palo Alto, CA
67. **HPV Subtypes in Oropharyngeal Squamous Cell Cancer**  
Bailey A LeConte, BS, Galveston, TX; Dianne I. Lou, MD PhD, Nashville, TN; Susan M. Fennewald, PhD, Galveston, TX; Peter Szaniszló, PhD, Galveston, TX; Suimin Qiu, MD PhD, Galveston, TX; Vicente A. Resto, MD PhD, Galveston, TX
68. **Atypical Meningothelial Meningioma Presenting as a Painful Hard Palate Mass**  
Catherine M. Merna, BS, Los Angeles, CA; Jacob L. Wester, MD, Los Angeles, CA; Eddie A. Ramirez, MD, Los Angeles, CA
69. **Proximity to Academic Medical Center Relates to Survival for Stage IV Oropharyngeal Cancer**

Suresh Mohan, MD, Boston, MA; Sara I. Pai, MD PhD FACS, Boston, MA; Neil Bhattacharyya, MD FACS, Boston, MA

70. **Colossal Pilomatrixoma of the Face**  
Kevin A. Moore, MD, Shreveport, LA; Timothy S. Lian, MD MBA, Shreveport, LA
71. **The Management of the Familial Paraganglioma Patient**  
Lindsay Scott Moore, MD, Birmingham, AL; Andrew C. Prince, BS, Birmingham, AL; Harishanker Jeyarajan, MD, Birmingham, AL; Rupert Obholzer, MD, London, UK; Michael Gleeson, MD, London, UK
72. **Severe Dry Cough as Presenting Symptom of Patient with Five Paragangliomas**  
John R. Neiner, MD, Shreveport, LA; Maura K. Cosetti, MD, Shreveport, LA; Cherie-Ann O. Nathan, MD, Shreveport, LA
73. **Outcomes and Prognostic Factors in Malignancies of the Parotid Gland: A 10 Year Experience**  
Anuraag S. Parikh, MD, Boston, MA; Priya Srikanth, PhD, Boston, MA; Tjason Tjoa, MD, Irvine, CA; Rosh K.V. Sethi, MD MPH, Boston, MA; Sidharth V. Puram, MD PhD, Boston, MA; James W. Rocco, MD PhD, Columbus, OH
74. **Primary Mucosal Melanoma of the Head and Neck: A Comparative Study by Primary Site**  
Peter A. Pellionisz, BS, Los Angeles, CA; Edward C. Kuan, MD MBA, Los Angeles, CA; Armin Arshi, MD, Los Angeles, CA; Maie A. St. John, MDPH, Los Angeles, CA
75. **Minimum Lymph Node Yield in the Elective Supraomohyoid Neck Dissection**  
Jason D. Pou, MD, New Orleans, LA; Blair M. Barton, MD, New Orleans, LA; Claire M. Lawlor, MD, New Orleans, LA; Christopher A. Frederick, BS, New Orleans, LA; Brian A. Moore, MD, New Orleans, LA; Christian P. Hasney, MD, New Orleans, LA
76. **Insurance Status as a Predictor of Mortality in Patients Undergoing Head and Neck Cancer Surgery and Targets for Intervention**  
Matthew L. Rohlfing, MD, Boston, MA; Ashley C. Mays, MD, Houston, TX; Scott P. Isom, MS, Winston-Salem, NC; Joshua D. Waltonen, MD, Winston-Salem, NC
77. **Polygenic Risk Score Prediction of Head and Neck Squamous Cell Carcinoma**  
Brian D. Schwab, MD, New York, NY; Mridu Middha, MS, New York, NY; Robert J. Klein, PhD, New York, NY
78. **Origin of Otolaryngology Referrals for Evaluation of Head and Neck Cancer in a Safety Net Hospital: Impact on Presentation, Diagnosis and Treatment**  
Lucy L. Shi, BA, Atlanta, GA; Oswaldo A. Henriquez, MD, Atlanta, GA (Presenter); Nehal Navali, Atlanta, GA; Charles E. Moore, MD, Atlanta, GA
79. **Dynamic Optical Contrast Imaging (DOCI): An Imaging Technique to Differentiate Parathyroid Tissue from Surrounding Tissues**  
Maie St. John, MD PhD, Los Angeles, CA; Peter A. Pellionisz, BS, Los Angeles, CA (Presenter); Zachary D. Taylor, PhD, Los Angeles, CA; Harrison C. Cheng, BS, Los Angeles, CA; Warren L. Grundfest, MD, Los Angeles, CA
80. **DOCI: A Novel Modality to Identify Real Time Intraoperative HNSCC Margins**  
Maie St. John, MD PhD, Los Angeles, CA; Peter A. Pellionisz, BS, Los Angeles, CA; Zachary D. Taylor, PhD, Los Angeles, CA; Harrison C. Cheng, BS, Los Angeles, CA; Warren L. Grundfest, MD, Los Angeles, CA
81. **Sinonasal Adenoid Cystic Carcinoma: A Distinct Clinical Entity with Poor Prognosis and Resistance to Radiotherapy**



William A. Stokes, MD, Morgantown, WV; Erik T. Interval, MD, Morgantown, WV; Rusha J. Patel, MD, Morgantown, WV

82. **Diagnostic Value of Sentinel Lymph Node Biopsy for Oral Cavity Squamous Cell Carcinoma: A 10 Year Retrospective Study**  
Ryan L. Sturgill, BS, Louisville, KY; Jeffrey M. Bumpous, MD, Louisville, KY; Elizabeth D. Cash, PhD, Louisville, KY
83. **A Review of Virtual Surgical Planning and the Utilization of Patient Specific Implants in Craniofacial Reconstruction**  
Zahrah M. Taufique, MD MBA, New York, NY; Kimberly J. Atiyeh, MD, New York, NY; David H. Harter, MD, New York, NY; David A. Staffenberg, MD, New York, NY; Jamie P. Levine, MD, New York, NY; Adam S. Jacobson, MD, New York, NY
84. **Practice Patterns of Primary Care Physicians Regarding HPV Vaccination Counseling and Head and Neck Cancer: A Survey Based Study**  
James M. Taylor, MPH, Winston-Salem, NC; Dipan D. Desai, BS, Chapel Hill, NC; Angela L. Mazul, PhD MPH, Chapel Hill, NC; Eunice E. Yim, BS, Chapel Hill, NC; Douglas R. Farquhar, MD MPH, Chapel Hill, NC; Jose P. Zevallos, MD MPH, Chapel Hill, NC
85. **An Analysis of the National Surgical Quality Improvement Program and Surgery for Osteoradionecrosis of the Head and Neck: Overview, Complications, and Readmissions**  
William Walsh Thomas, MD, Philadelphia, PA; Jason A. Brant, MD, Philadelphia, PA; Jason G. Newman, MD, Philadelphia, PA; Ara A. Chalian, MD, Philadelphia, PA; Steven B. Cannady, MD, Philadelphia, PA
86. **Unplanned Readmission Following Transoral Robotic Surgery**  
Michael C. Topf, MD, Philadelphia, PA; Amanda A. Vo, BA, Philadelphia, PA; Patrick T. Tassone, MD, Philadelphia, PA; Adam J. Luginbuhl, MD, Philadelphia, PA; David M. Cognetti, MD, Philadelphia, PA; Joseph M. Curry, MD, Philadelphia, PA
87. **The Use of Intraoperative Nerve Stimulation for Identification and Preservation of the Facial Nerve in the Case of an Intraparotid Facial Nerve Schwannoma**  
Andrew G. Tritter, MD, Shreveport, LA; Cherie-Ann O. Nathan, MD, Shreveport, LA
88. **The Utility of Intraoperative Frozen Sections in Thyroid Surgery**  
Samuel J. Trosman, MD, Cleveland, OH; Rohith Bhargavan, BS, Cleveland, OH; Brandon L. Prendes, MD, Cleveland, OH; Brian B. Burkey, MD, Cleveland, OH; Joseph Scharpf, MD, Cleveland, OH
89. **Disease Specific Survival in Head and Neck Sweat Gland Adenocarcinoma: A Population Based Analysis of 296 Cases**  
Aykut A. Unsal, DO, Newark, NJ; Varesh R. Patel, BA, Newark, NJ; Sei Y. Chung, BS, Newark, NJ; Albert H. Zhou, BS, Newark, NJ; Soly Baredes, MD, Newark, NJ; Jean Anderson Eloy, MD, Newark, NJ
90. **Impact of Socioeconomic Status on Initial Clinicopathologic Presentation among an Urban Population Receiving Thyroid Surgery**  
Tara J. Wu, BA, San Francisco, CA; Marika D. Russell, MD, San Francisco, CA (Presenter); Patrick K. Ha, MD, San Francisco, CA; Ivan H. El-Sayed, MD, San Francisco, CA; Jonathan R. George, MD MPH, San Francisco, CA; Chase M. Heaton, MD, San Francisco, CA; William R. Ryan, MD, San Francisco, CA

91. **Oncologic Outcomes of Extended Neck Dissections in HPV Related Oropharyngeal Squamous Cell Carcinoma**  
Joseph Zenga, MD, St. Louis, MO; Patrik Pipkorn, MD, St. Louis, MO; Eliot J. Martin, PA-C, Rochester, MN; Eric J. Moore, MD, Rochester, MN; Bruce H. Haughey, MBChB, Celebration, FL; Ryan S. Jackson, MD, St. Louis, MO

Laryngology/Bronchoesophagology

92. **Pleomorphic Adenoma of the Trachea: A Case Report**  
Stephen R. Bakos, MD PhD, Charlottesville, VA; Abel P, David, BS, Charlottesville, VA; James J. Daniero, MD, Charlottesville, VA
93. **Price Variation in Proton Pump Inhibitors**  
Daniel A. Benito, BS, Philadelphia, PA; Jeffrey Liaw, BS, Philadelphia, PA; Amanda Hu, MD, Philadelphia, PA
94. **A Novel Approach to the Treatment of Laryngeal Amyloidosis**  
Karuna Dewan, MD, Los Angeles, CA; Avraham Mendelsohn, MD, Los Angeles, CA; Gerald Berke, MD, Los Angeles, CA
95. **Herpes Simplex Virus Laryngitis Presenting as Airway Obstruction: A Case Report and Review of the Literature**  
Lucas D. Harless, MD, Oakland, CA; Megan L. Durr, MD, Oakland, CA; Nancy Jiang, MD, Oakland, CA; Frank Schneider, MD, Oakland, CA
96. **Tracheostomy Post Liver Transplant: Indications, Complications and Outcomes**  
Jeffrey Stephen Mella, BS, Indianapolis, IN; Weston J. Bush, BS, Indianapolis, IN; Jonathan A. Fridell, MD, Indianapolis, IN; Chandrashekhar A. Kubal, MD, Indianapolis, IN; Burcin Ekser, MD, Indianapolis, IN; Richard S. Mangus, MD, Indianapolis, IN
97. **Evaluation of Handedness in Endoscopic Laryngeal Surgery Using a High Fidelity Phonosurgery Model**  
Matthew R. Naunheim, MD MBA, Boston, MA; Amanda Le, Boston, MA; Matthew M. Dedmon, MD PhD, Boston, MA; Ramon A. Franco, MD, Boston, MA; Jennifer Anderson, MD, Toronto, ON Canada; Phillip C. Song, MD, Boston, MA
98. **Inflammatory Myofibroblastic Tumor of the Epiglottis Excised with Carbon Dioxide Laser: A Case Report**  
Blake S. Raggio, MD, New Orleans, LA; Neil N. Chheda, MD, Gainesville, FL
99. **Presentations of Bleeding Diatheses in the Larynx**  
Saranya Reghunathan, MD, Tucson, AZ; Stephen A. Goldstein, MD, Tucson, AZ
100. **Case Report and Clinical Review of Laryngeal Pemphigoid: Presentation, Diagnosis, and Therapeutic Options**  
Zain H Rizvi, MD, Los Angeles, CA; Sophie Shay, MD, Los Angeles, CA; Eddie Ramirez, MD, Los Angeles, CA
101. **Grade IV Subglottic Stenosis after Percutaneous Tracheostomy**  
Marisa A. Ryan, MD, Durham, NC

Otology/Neurotology

102. **WITHDRAWN - Outcomes of Round Window Vibroplasty**  
Jacqueline A. Anderson, MD, Tacoma, WA; Scott K Walton, MD, Tacoma, WA; James V. Crawford, MD, Tacoma, WA

- 103. Bilateral Internal Auditory Canal and Labyrinthine Enhancement in an Infant with Severe Labyrinthine Dysplasia: A Previously Unreported Phenomenon**  
Charles L. Anzalone, MD, Rochester, MN; Neil S. Patel, MD, Rochester, MN; Lisa A. Schimmenti, MD, Rochester, MN; Melissa D. Dejong, AuD, Rochester, MN; Mai L. Ho, MD, Rochester, MN; Matthew L. Carlson, MD, Rochester, MN
- 104. High Resolution Computed Tomography Analysis of the Human External Auditory Canal**  
Jason H. Barnes, BA, Richmond, VA; Roy T. Sabo, PhD, Richmond, VA; Daniel H. Coelho, MD, Richmond, VA
- 105. The Malleus to Oval Window Revision Stapedotomy: Efficacy and Longitudinal Study Outcome**  
Peter A. Benedict, BA, New York, NY; Ling Zhou, MD, Seattle, WA; Robert Peng, MD, New York, NY; Darius Kohan, MD, New York, NY
- 106. Hemangioma of the Middle Ear Mimicking Glomus Jugulotympanicum: A Case Study and Review of the Literature**  
Delaney J. Carpenter, BS, Charlottesville, VA; Nadia J. Mostovych, MD, Philadelphia, PA; Thomas O. Willcox, MD, Philadelphia, PA
- 107. Outcomes Following Transcanal Endoscopic Lateral Graft Tympanoplasty**  
Francis X. Creighton, MD, Boston, MA; Elliot D. Kozin, MD, Boston, MA; Anni M. Rong, MD, Boston, MA; Michael S. Cohen, MD, Boston, MA; Daniel J. Lee, MD, Boston, MA
- 108. Facial Palsy and the Vanishing Facial Nerve Lesion**  
Nicholas L. Deep, MD, Phoenix, AZ; J. Peyton Hines, MD, Phoenix, AZ; Peter A. Weisskopf, MD, Phoenix, AZ
- 109. Petrous Apex Cholesteatomas: Endonasal versus Infracochlear Endoscopic Approaches**  
Nicholas L. Deep, MD, Phoenix, AZ; J. Peyton Hines, MD, Phoenix, AZ; Rachel B. Cain, MD, Phoenix, AZ; Joseph M. Hoxworth, MD, Phoenix, AZ; Devyani Lal, MD, Phoenix, AZ; David M. Barrs, MD, Phoenix, AS
- 110. Hydroxyapatite Cement Resurfacing of the Dehiscent Jugular Bulb: A Novel Treatment for Pulsatile Tinnitus**  
Austin N. DeHart, MD, Richmond, VA; Wayne T. Shaia, MD, Richmond, VA; Daniel H. Coelho, MD, Richmond, VA
- 111. Development of Non-Ototoxic Anti-Fog Agents for Endoscopic Ear Surgery: A Novel Validation Paradigm**  
Benjamin P. Fiorillo, BA, Boston, MA; Vivek V. Kanumuri, MD, Boston, MA; Elliot D. Kozin, MD, Boston, MA; Daniel J. Lee, MD, Boston, MA
- 112. Ultrasonic Bone Aspirator in Endoscopic Ear Surgery: Feasibility and Safety in a Cadaveric Temporal Bone**  
Elizabeth G. Gardner, MD, New Orleans, LA; Sohit P. Kanotra, MD, New Orleans, LA
- 113. Prevalence of Adult Unilateral Hearing Loss and Hearing Aid Use in the United States**  
Justin S. Golub, MD, New York, NY; Lawrence R. Lustig, MD, New York, NY; Anil K. Lalwani, MD, New York, NY
- 114. Cochlear Endoscopy in Cochlear Implantation of an X-Linked Stapes Gusher Syndrome**  
Jennifer F. Ha, MBBS FRACS, Ann Arbor, MI; Timothy Baerg, BS, Ann Arbor, MI; Marc C. Thorne, MD, Ann Arbor, MI

- 115. Unilateral Glomus Jugulare Presenting with Intracranial Hypertension**  
John P. Hines, MD, Phoenix, AZ; Nicholas L. Deep, MD, Phoenix, AZ; Peter A. Weisskopf, MD, Phoenix, AZ
- 116. Stapes Prosthesis Length and Hearing Outcomes**  
Qasim Husain, MD, New York, NY; Kenny F. Lin, MD, New York, NY; Samuel H. Selesnick, MD, New York, NY
- 117. Operative Outcomes Following Round Window Occlusion for Superior Canal Dehiscence Syndrome**  
Ruwan Kiringoda, MD, Boston, MA; Yew S. Cheng, Bm BCh, Boston, MA; Deepa Galaiya, MD, Boston, MA; Daniel J. Lee, MD, Boston, MA
- 118. Audiometric Assessment of Pediatric Patients with Cystic Fibrosis**  
Kathryn L. Kreicher, BA, Charleston, SC; Michael J. Bauschard, MD, Charleston, SC; Clarice S. Clemmens, MD, Charleston, SC; Concetta M. Riva, MD, Charleston, SC; Ted A. Meyer, MD PhD, Charleston, SC
- 119. Esthesioneuroblastoma of the Temporal Bone**  
Phillip H. Lee, MD, Salt Lake City, UT; Jason P. Hunt, MD, Salt Lake City, UT; Richard K. Gurgel, MD, Salt Lake City, UT
- 120. How Was Your Otology Training? A Survey of Recent Otolaryngology Residents**  
Phillip A. Montague, MD, Morgantown, WV; Donald A. Bennett, BA, Morgantown, WV; Brian M. Kellermeyer, MD, Morgantown, WV
- 121. External Canal Cholesteatoma Causing Facial Paralysis**  
Omid Moshtaghi, BS, Irvine, CA; Yarah M. Haidar, MD, Irvine, CA; Ronald Sahyouni, BA, Irvine, CA; Harrison W. Lin, MD, Irvine, CA; Hamid R. Djalilian, MD, Irvine, CA
- 122. Cochlear Implantation with Hearing Preservation in Neurofibromatosis Type II**  
Neil S. Patel, MD, Rochester, MN; Michael J. Link, MD, Rochester, MN; Amy P. Olund, AuD, Rochester, MN; Matthew L. Carlson, MD, Rochester, MN
- 123. Otopathologic Evaluation of Temporalis Fascia Grafts Following Successful Tympanoplasty**  
Aaron K. Remenschneider, MD MPH, Boston, MA; Elliott D. Kozin, MD, Boston, MA; Reuven Ishai, MD, Boston, MA
- 124. Aberrant Internal Carotid Artery in the Middle Ear--A Benign Presentation with Significant Clinical Importance**  
Ryan A. Rimmer, MD, Philadelphia, PA; Patrick T. Tassone, MD, Philadelphia, PA; Robert C. O'Reilly, MD, Wilmington, DE
- 125. Congenital Cholesteatomas Originating within the Facial Nerve Canal**  
Ronald Sahyouni, BA, Irvine, CA; Yarah M. Haidar, MD, Irvine, CA; Omid Moshtaghi, BS, Irvine, CA; Harrison W. Lin, MD, Irvine, CA; Hamid R. Djalilian, MD, Irvine, CA
- 126. Preoperative Endovascular Carotid Occlusion Facilitates Internal Carotid Artery Resection for Lateral Skull Base Lesions**  
Joshua M. Sappington, MD, New Orleans, LA; Stephen A. Hernandez, MD, Baton Rouge, LA; Daniel W. Nuss, MD, New Orleans, LA; Dwayne A. Anderson, MD, Baton Rouge, LA; Moises A. Arriaga, MD, Baton Rouge, LA
- 127. Pharmacokinetics of Sodium Thiosulfate in Guinea Pig Perilymph Following Middle Ear Application**  
Ronald J. Schroeder, MD, Syracuse, NY; Brian J. Nicholas, MD, Syracuse, NY

128. **Metastatic Renal Cell Carcinoma Masquerading as Glomus Jugulare: A Role for Novel Magnetic Resonance Imaging**  
Andrew J. Thomas, MD, Salt Lake City, UT; Richard H. Wiggins III, MD, Salt Lake City, UT; Richard K. Gurgel, MD, Salt Lake City, UT
129. **Semicircular Canal Dehiscence from High Riding Jugular Bulb Diverticulum Causing Vestibular Drop Attacks: A Case Report and Review of Literature**  
Jacob L. Wester, MD, Los Angeles, CA; Catherine M. Merna, BS, Los Angeles, CA; Ali R. Sepahdari, MD, Los Angeles, CA; Akihira K. Ishiyama, MD, Los, CA; Gail A. Ishiyama, MD, Los Angeles, CA

Pediatric Otolaryngology

130. **Pediatric Unilateral Hearing Loss: An Analysis of Progression and Associated Risk Factors**  
Jason H. Barnes, BA, Richmond, VA; Kelley Marie Dodson, MD, Richmond, VA
131. **G. Slaughter Fitz-Hugh, MD Resident Research Award  
Cost Minimization Analysis of Nonsedated versus Sedated MRI Strategies for Congenital Hearing Loss**  
Matthew G. Crowson, MD, Durham, NC; Debara L. Tucci, MD MS MBA, Durham, NC; Jeffrey Cheng, MD, Durham, NC
132. **Post-Tympanostomy Tube Otorrhea Rates: Data from a Claims Analysis and a Phase 3b Clinical Trial**  
Debra M. Don, MD, Los Angeles, CA; Iris M. Tam, PharmD, San Diego, CA; Carl Lebel, PhD, San Diego, CA; Jonathon R. Moss, MD MPH, Charlotte, NC; Joseph E. Dohar, MD MS FAAP FACS, Pittsburgh, PA
133. **Utility of a Clinical Pathway Designed to Triage and Reduce Perioperative Risks for Children with Sleep Disordered Breathing Undergoing Adenotonsillectomy**  
Lisa M. Elden, MD, Philadelphia, PA; Terri A. Giordano, DNP, Philadelphia, PA; Arul M. Lingappan, MD, Philadelphia, PA; Jorge A. Galvez, MD, Philadelphia, PA; Luis M. Ahumada, MSCS, Philadelphia, PA; Mohammed A. Rehman, MD, Philadelphia, PA
134. **An Unusual Presentation of Papillary Thyroid Carcinoma**  
Erynne A. Faucett, MD, Tucson, AZ; Saranya Reghunathan, MD, Tucson, AZ; Tyson J. Nielsen, MD, Tucson, AZ; Audrey B. Erman, MD, Tucson, AZ
135. **Sleep Disordered Breathing in Prader-Willi Syndrome: A Review**  
Jennifer F. Ha, MBBS FRACS, Murdoch, WA Australia
136. **Mandibular Condylar Hypoplasia in Children with Isolated Unilateral Congenital Aural Atresia**  
Tyler R Halle, BS BA, Atlanta, GA; N. Wendell Todd, MD MPH, Atlanta, GA; Bruno P. Soares, MD, Baltimore, MD
137. **Outcomes of Aspiration of Pediatric Head and Neck Abscesses**  
Mickie J. Hamiter, MD, Shreveport, LA; Anil A. Gungor, MD, Shreveport, LA
138. **Gross Pathology of Routine Tonsillectomy: Cost Analysis**  
Elizabeth A. Hobbs, MD, Albuquerque, NM; Karen A. Hawley, MD, Albuquerque, NM
139. **Presence of Middle Ear Effusion at the Time of Tympanostomy Tube Placement: Quality Assessment of the Clinical Practice Guidelines**  
Phillip A. Huyett, MD, Pittsburgh, PA; Joshua J. Sturm, BS PhD, Pittsburgh, PA; Amber D. Shaffer, PhD, Pittsburgh, PA; Dennis J. Kitsko, DO, Pittsburgh, PA; David H. Chi, MD, Pittsburgh, PA

- 140. Ectopic Thymic Cyst of the Subglottis: Considerations for Diagnosis and Management**  
Bryan J. Liming, MD, Iowa City, IA; Iram N. Ahmad, MD MME, Iowa City, IA
- 141. Exophytic Schneiderian Papilloma in a Pediatric Patient: A Rare Case Report**  
Tayaba Miah, BS, Detroit, MI; Laura R. Garcia-Rodriguez, MD, Detroit, MI; Ramya Gadde, MD, Detroit, MI; Ilaaf Darrat, MD, Detroit, MI
- 142. Glial Heterotopia of the Auricle in a Newborn**  
Mark L. Nagy, MD, Buffalo, NY; Casey Y. Hay, MD, Buffalo, NY; Ryan E. Nagy, BS, Buffalo, NY
- 143. Excision of Sublingual Gland as a Definitive Treatment for Ranulas in Pediatric Patients**  
Brittany N. Nguyen, BS, Minneapolis, MN; Barbara N. Malone, MD, Minneapolis, MN; Brianne B. Roby, MD, Minneapolis, MN; James D. Sidman, MD, Minneapolis, MN
- 144. Pediatric Outcomes of Vocal Cord Paralysis**  
Aniruddha Patki, MD, Durham, NC; Anatoli F. Karas, MD, Durham, NC (Presenter); Marisa A. Ryan, MD, Durham, NC; Patrick A. Upchurch, MD, Durham, NC; Rose J. Eapen, MD, Durham, NC; Eileen M. Raynor, MD, Durham, NC
- 145. Osteochondroma of the Hyoid: A Rare Case of Neck Pain in an Adolescent Male**  
Blake S. Raggio, MD, New Orleans, LA; Samuel C. Ficenec, BS, New Orleans, LA
- 146. Barriers and Limitations of Non-Otolaryngology Providers Performing Frenulectomies**  
Kimberly A. Russell, MD, Boston, MA; Michael B. Cohen, MD, Boston, MA; Jessica R. Levi, MD, Boston, MA
- 147. Pediatric Nasopharyngeal Fibrolipoma: A Case Report and Review of the Literature**  
Rishabh Sethia, BS, Columbus, OH; Abdullah Aljasser, MD, Columbus, OH; Stephen J. Nogan, MD, Columbus, OH; Jeffrey R. Leonard, MD, Columbus, OH; Charles A. Elmaraghy, MD, Columbus, OH; Gregory J. Wiet, MD, Columbus, OH
- 148. Novel Endoscopic Suturing Technique to Mitigate Risk of Graft Extrusion in Endoscopic Posterior Cricoid Split and Costal Cartilage Grafting: A Case Report**  
Janki Shah, MD, Cleveland, OH; Peter Ciolek, MD, Cleveland, OH; Adeeb Derakhshan, BS, Cleveland, OH; Brandon Hopkins, MD, Cleveland, OH
- 149. Cost and Operative Time in Pediatric Adenoidectomy: Which Technique Is Best?**  
Phayvanh P. Sjogren, MD, Salt Lake City, UT; Andrew J. Thomas, MD, Salt Lake City, UT; James M. Butterfield, MS, Salt Lake City, UT; Benjamin N. Hunter, MD, Salt Lake City, UT; Craig N. Gale, MS, Salt Lake City, UT; Jeremy D. Meier, MD, Salt Lake City, UT
- 150. Otolaryngology Service Usage in Children with Cleft Palate**  
Kenneth R. Whittemore, MD MS, Boston, MA; Jenna M. Dargie, BS, Waltham, MA (Presenter); Brian Boudreau, PA-C MPAS, Boston, MA; Briana K. Dornan, AuD CCC-A, Weymouth, MA
- 151. Management of Pediatric Orbital Cellulitis: A Review**  
Stephanie J. Wong, MD, Rochester, NY; Jessica Levi, MD, Boston, MA
- 152. Unilateral Sinonasal Polyposis in a Child with IRAK4 Deficiency**  
Nina W. Zhao, MD, San Francisco, CA; Kristina W. Rosbe, MD, San Francisco, CA