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. BROOKHOUSE, 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; Tjoson 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; Xiying 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. Maducidoc, 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
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

Q&A

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

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

Socioeconomic and Racial/Ethnic Disparities in Allergic Rhinitis
Paul Zhang, MD MPH, Los Angeles, CA; Kevin Hur, MD, Los Angeles, CA

Nathaniel E. Calixto, BA, Irvine, CA; Twyla Gregg-Jaymes, BS, Washington, DC; Jonathan Liang, MD, Oakland, CA; Nancy Jiang, MD, Oakland, CA

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

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

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

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

Q&A
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/BRONCHOESOPHAGOLOGY - 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 Moshtagh, 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

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
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
Free Tissue Transfer for Reconstruction of Total Auriculectomy 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

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

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

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

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

Break with Exhibitors/View Posters - Napoleon CD
8:00 - 10:00 CONCURRENT SESSION 3B
GENERAL/SLEEP MEDICINE - RHYTHMS BALLROOM
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 - 12:30  CONCURRENT SESSION 4A
GENERAL & RHINOLOGY/ALLERGY/SINUS - NAPOLEON A-B

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; Maximilliano 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
10:30 - 12:30 CONCURRENT SESSION 4B
LARYNGOLOGY/BRONCHOESOPHAGOLOGY - 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 Laryngotraceheal 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. Krempml, 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)

SUNDAY, JANUARY 22, 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 Bearelly, 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

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 Laryngotraheal 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
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

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 Ameziane, PhD, Cincinnati, OH; El Mustapha Bahassi, PhD, Cincinnati, OH; Susanne I. Wells, PhD, Cincinnati, OH

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

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

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

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

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

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

Q&A

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

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

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

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

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

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

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

Successful Ablation of Plunging Ranula by Ultrasound Guided Percutaneous Ethanol Injection
Michelle-Linh T. Nguyen, BA, Stanford, CA; Lisa A. Orloff, MD, Stanford, CA

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

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

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 Dilation 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 & VOODOO WALKING TOUR (arranged for attendees - registration and payment required) meet in lobby at 7:00
**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; Maia 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 Zelip, MSLIS MA, Baltimore, MD; Kavita T. Vakharia, MD MS, Baltimore, MD; Jewel D. Greywoode, MD, Baltimore, MD; Kalpesh T. Vakharia, MD MS, Baltimore, MD

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; Shauna 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 Szaniszlo, 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
Colossal Pilomatrixoma of the Face
Kevin A. Moore, MD, Shreveport, LA; Timothy S. Lian, MD MBA, Shreveport, LA

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

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

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; Tjoson 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

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, MDPhD, Los Angeles, CA

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

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

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

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

Dynamic Optical Contrast Imaging (DOCl): 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

DOCl: 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

Sinonasal Adenoid Cystic Carcinoma: A Distinct Clinical Entity with Poor Prognosis and Resistance to Radiotherapy
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, AZ

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

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