WE ARE PREVIEWING OUR NEW REGISTRY!

Stop by the Regent® Miniseminar on Sunday Immediately Following the Opening Ceremony

The Power of Data: Creating a Qualified Clinical Data Registry (QCDR) for Otolaryngology—Head and Neck Surgery

Sunday, September 27
Kay Bailey Hutchison Convention Center, Hall B

Join Us to Learn More About:
- How registries help to support the value of the care we provide.
- The Value Proposition of a Clinical Data Registry: the importance of registries to quality reporting, quality improvement, and research
- Innovative processes of measure development in the era of the QCDR.

U.S.-based Members who attend the Registry Miniseminar immediately following the Opening Ceremony will be guaranteed highest priority when registration for Regent® begins and will be eligible to have the application fee and first year’s maintenance fee waived.

Visit the Regent® Booth in the Kay Bailey Hutchison Convention Center, Lobby D, Level 2 to learn more about registry dashboards and performance data.
On behalf of the Boards of Directors, it is with great pleasure that I welcome you to the AAO-HNSF 2015 Annual Meeting & OTO EXPO™ in Dallas, Texas. This redesigned conference provides a unique opportunity to build and renew relationships with colleagues from around the world.

It is also an opportunity to learn from the world’s leading experts, hear from inspiring honorary guest lecturers, view research, and explore the latest products and services showcased in the OTO EXPO™. I hope you enjoy your time in Dallas and at this premier education and networking event for the otolaryngologist–head and neck surgery community.

Sincerely,

Gayle E. Woodson, MD
AAO-HNS/F President

PRESIDENT’S RECEPTION

Join Gayle E. Woodson, MD, and K. Thomas Robbins, MD, on

Sunday, September 27, 6:00 pm – 7:30 pm
Omni Dallas Hotel, Dallas Ballroom A-C
Follow Us! @AAOHNS. Tweet about your 2015 Annual Meeting & OTO EXPO℠ experience using #otomtg15.

Check out the AAO-HNS/F Facebook page at facebook.com/AAOHNS to connect with other attendees and share your 2015 Annual Meeting experiences.

Join the members-only open forum at www.entnet.org/ENTConnect to connect with your peers, participate in timely discussions, and build your Academy community network.

Subscribe to the AAO-HNS/F YouTube Channel at www.entnet.org/youtube for Academy video offerings.

We heard your suggestions for improving the Annual Meeting, and we’ve made significant changes.

Keep the conversation going!

Be sure to include #OTOMTG15 in your social media posts to add your message to the online conversation about the meeting.

Search for #OTOMTG15 in your social media feeds to see what others are saying.

FREE WiFi in the convention center will help you stay connected this week.

Type in OTODallas to gain access to WiFi and stay connected.
TAKE THE AAO-HNS CHALLENGE!

Visit **seven out of ten locations** and collect stamps to be eligible for the prize drawing.

Bring your completed passport to the Member Resource booth, Lobby D, Level 2.

The Prizes

1. Two Grand Prize winners will receive complimentary **registration for the AAO-HNSF 2016 Annual Meeting & OTO EXPO** in San Diego, CA
2. Five winners will receive a print version of the **AAO-HNSF clinical practice guidelines bundle**
3. Five winners will receive access to the digital **AAO-HNSF clinical practice guidelines bundle**
4. Three winners each day will receive **Academy-branded items**

**Eligible Locations:**
- 2016 San Diego
- Academy in Act10n
- AcademyU®
- RegentSM ENT Data Registry
- ENTConnect Portrait Studio*
- Guidelines Central
- Legislative Advocacy
- Member Resource
- Millennium Society Donor Appreciation Lounge
- Opening Ceremony

*Open Monday and Tuesday only.
## Table of Contents

### 3 General Information
- 17 Continuing Medical Education Credit

### 23 Meetings and Receptions
- 23 AAO-HNS/F Events
- 27 Committee Meetings
- 33 Affiliate Meetings
- 36 Alumni Receptions

### 39 Daily Schedule
- **Sunday, September 27**
  - Day-at-a-Glance
  - Opening Ceremony and John Conley, MD Lecture on Medical Ethics
  - Scientific Program and Instruction Courses
- **Monday, September 28**
  - Day-at-a-Glance
  - Scientific Program and Instruction Courses
  - Cotton-Fitton Endowed Lecture in Pediatric Otolaryngology
  - Eugene N. Myers, MD International Lecture on Head and Neck Cancer
- **Tuesday, September 29**
  - Day-at-a-Glance
  - Scientific Program and Instruction Courses
  - Howard P. House, MD Memorial Lecture for Advances in Otology
  - H. Bryan Neel III MD, PhD, Distinguished Research Lecture
- **Wednesday, September 30**
  - Day-at-a-Glance
  - Scientific Program and Instruction Courses

### 139 Posters
### 155 Exhibitors

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**AAO-HNSF Meeting Registration**
Kay Bailey Hutchison Convention Center, Lobby B, Level 2

<table>
<thead>
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<th>Day</th>
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<td>Annual Meeting &amp; OTO EXPOSM Information Desk</td>
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<td>First Aid</td>
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<td>Hotel Information</td>
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<td>AAO-HNS Member Resource Center</td>
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<td>Millennium Society Donor Appreciation Lounge</td>
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<td>Newsroom</td>
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OFFICIAL HOTELS

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<tr>
<td>Adolphus Hotel</td>
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<td>1-214-742-8200</td>
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<tr>
<td>Aloft Dallas Downtown Hotel</td>
<td>1033 Young Street</td>
<td>1-214-761-0000</td>
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<tr>
<td>Crowne Plaza Dallas Downtown</td>
<td>1015 Elm Street</td>
<td>1-214-742-5678</td>
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<tr>
<td>Dallas Marriott City Center</td>
<td>650 North Pearl Street</td>
<td>1-214-979-0000</td>
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<tr>
<td>Fairmont Dallas Hotel</td>
<td>1717 North Akard Street</td>
<td>1-214-720-2020</td>
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<tr>
<td>Hilton Garden Inn Dallas</td>
<td>1600 Pacific Avenue</td>
<td>1-214-299-8982</td>
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<tr>
<td>Hotel Indigo Downtown Dallas</td>
<td>1933 Main Street</td>
<td>1-214-741-7700</td>
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<tr>
<td>Hyatt Regency Dallas</td>
<td>300 Reunion Boulevard</td>
<td>1-214-651-1234</td>
</tr>
<tr>
<td>Joule Dallas</td>
<td>1530 Main Street</td>
<td>1-214-748-1300</td>
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<tr>
<td>Magnolia Hotel Dallas</td>
<td>1401 Commerce Street</td>
<td>1-214-915-6500</td>
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<tr>
<td><strong>Omni Dallas Hotel</strong></td>
<td><strong>555 South Lamar Street</strong></td>
<td><strong>1-214-744-6664</strong></td>
</tr>
<tr>
<td>Sheraton Dallas Hotel</td>
<td>400 North Olive Street</td>
<td>1-214-922-8000</td>
</tr>
<tr>
<td>W Dallas-Victory Hotel</td>
<td>2440 Victory Park Lane</td>
<td>1-214-397-4100</td>
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All AAO-HNS/F events will take place at the Kay Bailey Hutchison Convention Center (KBHCC) and the connecting Omni Dallas Hotel (Omni).

**KBHCC** 650 South Griffin Street Dallas, TX 75202  
**Omni** 555 South Lamar Street Dallas, TX 75202
AAO-HNS Member Resource Center

Kay Bailey Hutchison Convention Center, Lobby D, Level 2
Visit the AAO-HNS Member Resource Center to become a member, renew your membership dues, and get quick answers to your membership questions.

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Product Theater

Kay Bailey Hutchison Convention Center, Hall E, Booth 2374
The Product Theater is designed to enhance your medical product awareness. Don’t miss these presentations from our corporate partners discussing their products and services. **Seating is limited to 150 attendees per session.**

**Sunday, September 27**
- 2:00 pm - 3:00 pm
  - Sophono: Surgeon Experience with the Sophono Alpha 2 MPO
  - Sponsored by: Medtronic

**Monday, September 28**
- 12:00 pm - 1:30 pm
  - New Techniques and Applications for Coblation Technology in Otolaryngology
  - Sponsored by: Smith & Nephew
- 2:00 pm - 3:00 pm
  - New UltraPulse® DUO, now with Fiber Delivery: First Case Experiences
  - Sponsored by: Lumenis

New AcademyU® Learning Center

Kay Bailey Hutchison Convention Center, Lobby D, Level 2
Visit the AcademyU® Learning Station to explore the New AcademyU® Learning Platform. Staff will be available to demonstrate AcademyU.org, answer your questions, and listen to suggestions. For details see the ad on page 39 (Back of Daily Schedule Tab).
Academy in Act10n
Kay Bailey Hutchison Convention Center, Lobby D, Level 2
Make the most of your “in-between” time! Convenienly scheduled during break times, these 10-minute sessions provide the what-you-need-to-know information from staff and members about benefits and resources available to Members, including: the new format of the Annual Meeting; RegentSM, the new Qualified ENT Clinical Data Registry; the new AcademyU® Learning Platform; Patient Information resources; and an overview of getting the most out of your membership.

Sunday, September 27
12:15 pm Annual Meeting Changes
12:40 pm RegentSM
2:15 pm Annual Meeting Changes
2:40 pm The New AcademyU®

Monday, September 28
10:15 am The New AcademyU®
10:40 am Membership
12:15 pm Patient Information Resources
12:40 pm The New AcademyU®
2:15 pm RegentSM
2:40 pm RegentSM

Tuesday, September 29
10:15 am RegentSM
10:40 am RegentSM
12:15 pm Patient Information Resources
12:40 pm The New AcademyU®
2:15 pm The New AcademyU®
2:40 pm Membership

Accessibility
The American Academy of Otolaryngology—Head and Neck Surgery Foundation (AAO-HNSF) complies with the Americans with Disabilities Act §12112(a). Any participant in need of special assistance, please visit any of the registration counters in the Lobby B to ensure that your needs are accommodated.

Affiliate Meetings
A listing of events held in conjunction with the AAO-HNSF Annual Meeting & OTO EXPOSM begins on page 33 and searchable in the Annual Meeting mobile app. Download the app at www.entnet.org/annual_meeting.
Keep it in Hand — Paper and Digital

The Meeting Daily family of news products covers all the AAO-HNSF meeting activities in one place.

Grab a newspaper with your morning coffee to preview the day-at-a-glance or check up on a session that you missed yesterday. It’s at your fingertips at stands throughout the Kay Bailey Hutchison Convention Center.

Go directly to online Meeting Daily on any device: http://aao-365.ascendeventmedia.com/

Make use of the FREE WiFi in the lobby space of the Kay Bailey Hutchison Convention Center and the Omni Dallas Hotel to connect to the Meeting Daily at www.entnet.org/annual_meeting.

WiFi Password: OTODallas
Badges
For security reasons, AAO-HNSF badges will be required for admittance to all events. Badges should be worn and visible at all times. Lost badges must be reported to the registration staff immediately and a $25 fee will be charged to print a replacement badge.

Business Center
Omni Dallas Hotel, UPS Office
This full-service business center provides exhibitors and attendees with photocopying, faxing, and printing services.

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CME/CE Evaluations
After you attend an Instruction Course, Miniseminar, Honorary Guest Lecture, Masters of Surgery Video Presentation, or Scientific Oral Presentation, be sure to evaluate the session to be eligible to receive continuing education credit. To access the evaluation go to www.entnet.org/annual_meeting, or use the Annual Meeting mobile app. The CME/CE evaluation site will close on October 30, 2015.

Coat and Luggage Check
Kay Bailey Hutchison Convention Center, Lobby D, Level 1
$3.00 per item checked.

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Committee Meetings
Please refer to page 27 for a full listing of scheduled committee meetings, including the date, time, and location. For details about AAO-HNS/F committee activities, contact committees@entnet.org. For up to the minute conference information, download the mobile app at www.entnet.org/annual_meeting.

Computer Stations
Kay Bailey Hutchison Convention Center, Lobby C, Level 2, and Omni Dallas Hotel, Dallas Ballroom Lobby
Computer stations are available at convenient locations in the convention center and the Omni Dallas Hotel to access the Internet.
Conference Replay  New this year!

Kay Bailey Hutchison Convention Center, Lobby D, Level 2

Missed a session? Visit the conference replay area in the convention center. The Conference Replay area provides attendees with complimentary access to view sessions they may have missed during the previous day.

Corporate Symposia

Corporate Symposia provides information on specific areas of otolaryngology. Program content and/or product information are the sole responsibility of the corporate supporter. The AAO-HNSF does not award continuing education credit for Corporate Symposia. Download the mobile app for an up-to-date listing of Corporate Symposia.

Monday, September 28

5:30 am - 7:30 am, Omni Dallas Hotel, Trinity Ballroom 5
A Collaborative Business for the Otolaryngologist
Sponsored by: FYZICAL Therapy and Balance Centers

5:30 am - 7:30 am, Omni Dallas Hotel, Trinity Ballroom 6-7
Emerging Role of Robotics in Head and Neck Surgery
Sponsored by: Intuitive Surgical

6:00 pm - 8:00 pm, W Hotel: Altitude
Celebrating Physician Innovation and the Future of the ENT Office
Sponsored by: Entellus Medical

6:00 pm - 8:00 pm, Omni Dallas Hotel, Dallas Ballroom A
Rational Pharmacotherapy for Acute Hearing Loss: Recent Advances and Perspectives
Sponsored by: Auris Medical

7:00 pm - 9:00 pm, Ross Perot Museum of Nature and Science
Synchronicity: Evidence-based, Value-driven Innovation for Sinus Surgery (pre-registration required)
Sponsored by: Intersect ENT

Tuesday, September 29

6:00 pm - 8:00 pm, Omni Dallas Hotel, Dallas Ballroom A
Perioperative Management of Pediatric Patients Undergoing Tympanostomy Tube Placement:
Best Practices and Emerging Options
Supported by an Educational Grant from Otonomy, Inc.
**Dallas Information Booth**  
*Kay Bailey Hutchison Convention Center, Lobby D, Level 2*  
Stop by for Dallas city information, assistance with restaurant recommendations and reservations, sightseeing and entertainment options to explore while you’re in Dallas.  
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**Electronic Devices and Recording Equipment**  
All cell phones and video cameras must be turned off during sessions. Recording of any kind is prohibited at all education activities, events, and the OTO EXPOSM.

**ENT Careers Live!**  
*Kay Bailey Hutchison Convention Center, Hall C, Booth 339*  
Employers and job seekers will have an opportunity to take part in ENT Careers Live!, our employment event brought to you by Health eCareers, held during the Annual Meeting & OTO EXPOSM. Don’t miss this valuable networking opportunity to learn more about the trusted otolaryngology employment source, visit [www.healthecareers.com/aaohns](http://www.healthecareers.com/aaohns) at any time to learn more.

**First Aid**  
*Kay Bailey Hutchison Convention Center, Hall C and Hall E*  
First Aid is dispatched via the Life Safety Department and is available Sunday through Tuesday from 7:00 am - 6:00 pm, and on Wednesday from 8:00 am to 8:00 pm. Dial 1-214-939-2940 to reach the attendant.

**Global Connections Room**  
*Kay Bailey Hutchison Convention Center, Room D227*  
We extend a special welcome to leaders of the 50+ International Corresponding Societies (ICS) and invite them to special invitation-only events. For more information about affiliating your society with our Academy, contact [international@entnet.org](mailto:international@entnet.org).

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**A Warm Welcome to Our 2015 International Guests of Honor from**

- Czech Republic
- Panama
- Slovakia
- Taiwan
- Tanzania

[www.entnet.org/annual_meeting](http://www.entnet.org/annual_meeting)
Hands-On Demonstration and Training Lab

Kay Bailey Hutchinson Convention Center, Hall E, Booth 2188

Hands-on Training sessions are supported by the corporate community in conjunction with the AAO-HNSF Annual Meeting & OTO EXPO℠. Annual Meeting attendees have the opportunity to expand their surgical expertise by learning the proper applications of surgical technologies from leaders in the field and under the direct supervision of corporate medical education personnel. Participating companies provide all medical supplies and cadaveric specimens to create a unique hands-on learning experience that has an immediate impact on attendees ability to provide exceptional patient care.

Sunday, September 27
10:30 am - 12:30 pm
Hands-on FESS and Complex Sinus Anatomy Cadaver Lab
Co-Sponsored by: Acclarent & Olympus

2:00 pm - 4:00 pm
Hands-on FESS and Complex Sinus Anatomy Cadaver Lab
Co-Sponsored by: Acclarent & Olympus

Monday, September 28
10:30 am - 12:30 pm
Hands-on FESS and Complex Sinus Anatomy Cadaver Lab
Co-Sponsored by: Acclarent & Olympus

11:00 am - 1:00 pm
What’s New in Sinus Surgery with Medtronic
Sponsored by: Medtronic

2:00 pm - 4:00 pm
Hands-on FESS and Complex Sinus Anatomy Cadaver Lab
Co-Sponsored by: Acclarent & Olympus

3:00 pm - 5:00 pm
What’s New in Sinus Surgery with Medtronic
Sponsored by: Medtronic

Tuesday, September 29
9:00 am - 11:00 am
Injection Augmentation for Vocal Fold Insufficiency
Sponsored by: Merz North America, Inc.
Instruction Courses

Instruction Course sessions are one- or two-hour sessions that address current diagnostic, therapeutic, and practice management topics, presented by both Academy members and non-members.

Instruction Courses are offered in the following formats:

- **Didactic Lecture** – Course will be presented in a large-audience lecture setting.
- **Audience Polling** – Presentations include the opportunity for audience members to respond to polling questions.
- **Hands-On** – Hands-On courses are classroom set and limited to 40 participants.
- **Mini-Course** – Mini-Courses are conference set promoting informal discussion and the exchange of information. These courses will be limited to 25 participants.

**New this year**: Instruction Courses are included in the full conference registration fee. Instruction Courses can be added to your registration at any of the registration counters or Instruction Course kiosks.

**International Registration Assistance**

Kay Bailey Hutchison Convention Center, Lobby B, Level 2

Find out about conference sessions and activities with a global perspective and access resources about Dallas. Multilingual staff and materials will be available to assist you.

**New this year**, certificates of attendance will be included in all non-domestic participants registration bags.

**Lactation Room**

In response to attendee requests, a nursing room has been designated at the Omni Dallas Hotel to enable new mothers to nurse or pump in a comfortable and private area. Please stop by the Show Management Office in Hall C at the Kay Bailey Hutchison Convention Center for a room key.
We are pleased to offer all Millennium Society members EXCLUSIVE access to a special donor appreciation lounge. The lounge provides a quiet area to take a break, recharge yourself and your electronic devices, check messages, connect with colleagues, and enjoy meals and light refreshments. Make a donation on-site if you are not already a Millennium Society member and receive immediate membership benefits.

Donor Appreciation Lounge
Kay Bailey Hutchison Convention Center, Room D221

Sunday, September 27 10:00 am – 5:00 pm
Monday, September 28 7:00 am – 5:00 pm
Tuesday, September 29 7:00 am – 5:00 pm
Wednesday, September 30 7:00 am – 12:00 pm

Newsroom
Omni Dallas Hotel, Arts District 7
The Newsroom serves as a workspace for credentialed members of the media.

Sunday, September 27 8:00 am – 5:00 pm
Monday, September 28 8:00 am – 5:00 pm
Tuesday, September 29 8:00 am – 5:00 pm
Wednesday, September 30 8:00 am – 12:00 pm

On-Demand Webcasts
Kay Bailey Hutchison Convention Center, Lobby D, Level 2
Selected sessions will be recorded and available for download. Webcasts can be purchased one-half hour after the completion of these sessions. Orders may be placed and purchases made at the convention center or online at www.entnet.org/annual_meeting.

OTO EXPO℠
Kay Bailey Hutchison Convention Center, Halls C-E
Come face-to-face with the products and services that shape our industry and provide the tools to help you administer better patient care. At the OTO EXPO℠ the practice of medicine extends beyond the exam room to the exhibit hall where over 250 companies are represented, catering to every aspect of your practice—device manufacturers, pharmaceutical companies, surgical instruments, EMR systems, waiting room solutions, financial management firms, and more.

Sunday, September 27 10:00 am – 5:00 pm
Monday, September 28 10:00 am – 5:00 pm
Tuesday, September 29 9:00 am – 3:00 pm

Children under 16 are not permitted in the Exhibit Hall.
OTO EXPO<sup>SM</sup> Lead Retrieval
Use the OTO EXPO<sup>SM</sup> barcode on your registration badge to provide your contact information (including name, address, phone number and email address) to the exhibitors you visit in the OTO EXPO<sup>SM</sup>.

Otolaryngology Historical Society Meeting and Reception
Stop by the Member Resource Center and sign up to be an OHS member. Join fans of our specialty’s history at the Annual Meeting reception, Monday, September 28, 6:00 pm - 8:00 pm at the Omni Dallas Hotel, for an evening of presentations and networking. To purchase a ticket visit the Member Resource Center no later than Monday, September 28 at 2:00 pm. For details see the ad on page 87.

Otolaryngology—Head & Neck Surgery Meetings and Workshops
*Kay Bailey Hutchison Convention Center, Lobby C, Level 2*
Brochures for otolaryngology—head and neck surgery-related meetings will be posted near registration. Non-meeting brochures are not permitted in this area.

Posters
*Kay Bailey Hutchison Convention Center, Hall C*
Scientific Posters will be located in Hall C of the Kay Bailey Hutchison Convention Center and can be viewed Sunday, September 27 through Tuesday, September 29.

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Prayer and Reflection Room
*Kay Bailey Hutchison Convention Center, Room C151*
This place of peace and quiet is provided for individuals of all faiths. Please respect others and refrain from using laptops or cell phones, and from eating, drinking, or loitering in this area.

Publication Kiosks
*Kay Bailey Hutchison Convention Center, Lobby A-B, Level 2*
The Publication Kiosk displays complimentary copies of *Meeting Daily* and *ENT & Audiology News*.

Regional Caucuses (by invitation)
Delegates from Africa, Asia-Pacific, Europe, and Latin America are invited to their regional caucuses. For details on date, time, and location, contact international@entnet.org. U.S. registrants interested in these regions may also request an invitation.
Scientific Program

- **Miniseminars** - Presentations, case studies, and/or interactive discussions provide an in-depth, state-of-the-art look at specific topics.
- **Scientific Oral Presentations** - A series of five-minute oral presentations that take place within either 60 or 90 minute topical sessions focusing on cutting-edge clinical and translational basic research aspects of otolaryngology.
- **Masters of Surgery Video Presentations** - Video presentations and lecture demonstrating procedures. Topics will include neck dissection, skull base surgery, and much more.
- **Scientific Posters** - Nearly 200 posters will be on display in Hall C from Sunday to Tuesday during OTO EXPO℠ hours.

Shuttle Bus Passes
Attendees who reserve their hotel room through AAO-HNSF Housing, will receive a complimentary shuttle pass entitling them to ride the shuttle between AAO-HNSF official hotels and the Kay Bailey Hutchison Convention Center at no additional cost. The shuttle pass is required to be displayed on your return trip from the Kay Bailey Hutchison Convention Center to your hotel. For all others, shuttle passes can be purchased for $25 per person at the Housing counter in Lobby B, Level 2.

Smoking Policy
Smoking is prohibited in all areas of the Kay Bailey Hutchison Convention Center.

Speaker Ready Room
*Kay Bailey Hutchison Convention Center, Room D222*
Speakers are required to visit the Speaker Ready Room at least 24-hours before their presentation. The Speaker Ready Room will be open:

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<td>Wednesday, September 30</td>
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Submission of Manuscripts to Otolaryngology-Head and Neck Surgery

All papers read before the AAO-HNSF Annual Meeting & OTO EXPO become property of the Foundation. All oral presentations presented during the Scientific Program must be submitted to the journal, Otolaryngology–Head and Neck Surgery. Papers accepted for presentation are prohibited from being published elsewhere, unless Otolaryngology—Head and Neck Surgery has reviewed the complete manuscript and declined to publish it or a submission waiver has been requested and granted (waiver requests were due May 31). Papers may be presented (but not published) elsewhere after the conference, provided that the Otolaryngology—Head and Neck Surgery journal is cited. Contact otomanager@entnet.org for more details.

AAO-HNS CAREER FAIR

Monday, September 28, 6:00 pm – 8:00 pm
Omni Dallas Hotel, Greenville Ave & Katy Trail Rooms

The AAO-HNS Career Fair, hosted by ENT Careers and the Health eCareers Network, provides the opportunity for candidates in all subspecialties and levels of training to speak face-to-face with hiring representatives from healthcare facilities around the country. Health eCareers is the only true single source for all of your healthcare recruitment needs, providing unparalleled access to job seekers across all disciplines and specialties. Employers can leverage this opportunity to personally engage with numerous qualified job seekers at one time.

Job seekers can visit Health eCareers to register and upload their resume at http://sgiz.mobi/s3/registration. Employers should visit ENT Careers LIVE! at Booth #339 to take full advantage of the emerging talent onsite in Dallas, Texas.
Wheelchairs and Motorized Scooters
Kay Bailey Hutchison Convention Center, Hall C
Wheelchairs and motorized scooters are available and can be reserved at the Show Management Office. Proper identification is required.

WiFi Access
Complimentary WiFi will be provided in all meeting rooms and public areas of the Convention Center. The Kay Baily Hutchison Convention Center and Omni Hotel Dallas wireless networks are for the use of AAO-HNSF attendees and staff only during the course of Annual Meeting. AAO-HNS/F does not warrant that this service will be uninterrupted, error-free, or free of viruses or other harmful components. No information you consider confidential should be transmitted via this network. Should you wish to read the full limitation of AAO-HNS/F’s liability, please request it from AAO-HNS/F’s legal department.

WiFi Password: OTODallas
ACCREDITATION AND CONTINUING EDUCATION

Target Audience
The AAO-HNSF 2015 Annual Meeting & OTO EXPO℠ targets practicing otolaryngologists—head and neck surgeons and associates, researchers in otolaryngology, senior academic professors and department chairs, leaders of international societies, fellows-in-training, residents, and allied health professionals.

Accreditation
This meeting has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education. AAO-HNSF is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Annual Meeting & OTO EXPO℠ Purpose
The AAO-HNSF 2015 Annual Meeting & OTO EXPO℠ program offers otolaryngologists and other interested health professionals a series of unique and dynamic education experiences designed to broaden and enrich their understanding of otolaryngology–head and neck surgery and provide a foundation for continued learning.

The Annual Meeting & OTO EXPO℠ program format (including Scientific Orals, Instruction Courses, Honorary Guest Lectures, Miniseminars, Masters of Surgery Video Presentations, and Scientific Posters) will help participants maintain an awareness of accepted methods of diagnosis and treatment, and will provide updates on new developments in the field. The General Competencies for Physicians (adopted by the Accreditation Council for Graduate Medical Education and the American Board of Medical Specialties)—medical knowledge, patient care, interpersonal and communication skills, professionalism, practice-based learning and improvement, and systems-based practice—will be addressed in presentations throughout the various sessions. At the conclusion of the Annual Meeting & OTO EXPO℠, participants should be able to:

- Apply knowledge of current issues globally affecting the diagnosis, evaluation, and treatment of otolaryngologic and related disorders.
- Analyze global research-based information and updates on practical applications affecting operative procedures, drugs, and medical devices.
- Utilize improved practice management techniques to facilitate physician performance improvement.
- Translate into practice a broader understanding of the global approaches used in otolaryngology—head and neck surgery.
**Credit Hours**
AAO-HNSF designates this live activity for AMA PRA Category 1 Credit™. Physicians should claim credit commensurate with the extent of their participation in the activity.

- Education Program (Scientific and Instruction Course Programs) maximum: 21 credits
- Honorary Guest Lectures maximum: 4.5 credits

While not all sessions are eligible for AMA PRA Category 1 Credit™, the total number of credits a participant can earn is 25.5. Credit will be awarded to physicians when documented by the submission of the 2015 Annual Meeting & OTO EXPOSM Evaluation.

The Foundation is not accredited to offer credit to non-physicians. To determine if activities designated for AMA PRA Category 1 Credit™ are acceptable for your licensing or certification needs, please contact your credentialing body directly.

The following education activity is NOT designated for AMA PRA Category 1 Credit™:
- Scientific Posters

**Presenter Disclosure of Relevant Financial Relationships**
The AAO-HNSF endorses the guidelines for accredited continuing medical education as set forth in the Accreditation Council for Continuing Medical Education’s Standards for Commercial Support and adheres to these standards in the conduct of its education activities. The Foundation maintains control over the development of its education activities and the selection of planners, topics, and presenters. A full disclosure of relevant financial relationships is submitted by all planners and presenters and the presence of any financial relationships with a commercial interest is reported to the participants both in the program’s printed materials and at the presentation. In addition, presenters will disclose their intent to discuss drugs or devices or the uses of drugs or devices that have not been approved by the Food and Drug Administration (FDA).

**Free Exchange of Medical Education**
The AAO-HNSF is committed to the free exchange of medical education. Inclusion of any presentation or exhibit in this meeting, including presentations or exhibits on drugs or devices, or the uses of drugs or devices that have not been approved by the FDA, does not imply an endorsement by the AAO-HNSF of the uses, products, or techniques presented.
CONGRATULATIONS TO THE 2015 AWARD HONOREES

PRESIDENTIAL CITATIONS
Presidential Citations recognize individuals selected by the President for their outstanding contributions and dedication to the Academy and Foundation.

This year’s recipients are:
Bobby R. Alford, MD
Roger L. Crumley, MD, MBA
Robert H. Miller, MD, MBA
K. Thomas Robbins, MD

DISTINGUISHED AWARD FOR HUMANITARIAN SERVICE
This Distinguished Award for Humanitarian Service is bestowed on a member who gives freely of professional skills to those who cannot otherwise receive them, physically or financially.

This year’s recipient is: H. Dennis Snyder, MD

ARNOLD P. GOLD FOUNDATION HUMANISM IN MEDICINE AWARD
This award recognizes an Academy member who is a practicing physician exemplifying outstanding humanism in caring for patients.

This year’s honoree is: Susan R. Cordes, MD

HOLT LEADERSHIP AWARD
The Holt Leadership Award is awarded annually at the Annual Meeting to the resident or fellow-in-training who best exemplifies the attributes of a young leader - honesty, integrity, fairness, advocacy, and enthusiasm.

This year’s recipient is: Nikhila P. Raol, MD

JEROME C. GOLDSTEIN, MD PUBLIC SERVICE AWARD
The Jerome C. Goldstein, MD Public Service Award recognizes members for commitment and achievement in service, either to the public or to other organizations, when such service promises to improve patient welfare.

This year's recipient is: Charles E. Moore, MD
Program Advisory Committee
The Program Advisory Committee is in charge of reviewing and evaluating the merits of all Miniseminars, Scientific Oral Presentations, and Poster abstracts submitted during the call for papers. The committee members advise and assist the coordinator in organizing the scientific program.

Eben L. Rosenthal, MD
Coordinator, Scientific Program
No relationships to disclose

Dole P. Baker Jr., MD
No relationships to disclose

Benjamin B. Cable, MD
No relationships to disclose

Emiro E. Caicedo Granados, MD
No relationships to disclose

Sukgi S. Choi, MD
No relationships to disclose

H. Peter Doble II, MD
No relationships to disclose

Charles A. Elmaraghy, MD
No relationships to disclose

Philip A. Harris, MD
No relationships to disclose

Jennifer C. Kim, MD
No relationships to disclose

John H. Krouse, MD, PhD, MBA
No relationships to disclose

Brian J. McKinnon, MD, MBA
Consultant: Cochlear America
Research Grant: Med-EL; Oticon Medical

Cherie-Ann O. Nathan, MD
No relationships to disclose

Michael D. Seidman, MD
Consultant: Body Language
Vitamin Company

Russell B. Smith, MD
Consultant: ArthoCare

Mark J. Syms, MD
Shareholder and Pension Plan: Cochlear Corporation; Sonar Corporation

Dana M. Thompson, MD, MS
No relationships to disclose

Mark K. Wax, MD
No relationships to disclose

Complete faculty disclosure information can be found online in the conference schedule at www.entnet.org/annual_meeting.

ENTCONNECT
ENGAGE NETWORK TRANSFORM

ENGAGE
with your Academy and maximize your membership

NETWORK
with your ENT peers and share knowledge

TRANSFORM
the way you practice by staying up to date with what’s new

Visit Booth 324
Instruction Course Advisory Committee

The Instruction Course Advisory Committee is in charge of reviewing and evaluating the merits of all instruction course abstracts submitted during the call for papers. The committee members advise and assist the coordinator in organizing the instruction course program.

Sukgi S. Choi, MD
Coordinator, Instruction Course Program
No relationships to disclose

Paolo Campisi, MD
Ownership interest (stock): Oto Sim, Corporation

Kenny H. Chan, MD
No relationships to disclose

Daniel C. Chelius, Jr., MD
No relationships to disclose

Joseph Han, MD
Consultant: Intersect ENT; Medtronic; Merk

Brandon Isaacscon, MD
Consultant: Medtronic Midas Rex Institute; Advanced Bionics; Stryker, Inc
Course Instructor: Medtronic Midas Rex Institute
Medical Advisory Board: Advanced Bionics
Honoraria: Stryker, Inc.

J. Randall Jordan, MD
No relationships to disclose

Todd T. Kingdom, MD
No relationships to disclose

James Lin, MD
No relationships to disclose

Catherine R. Lintzenich, MD
No relationships to disclose

J. Scott Magnuson, MD
No relationships to disclose

Lance A. Manning, MD
No relationships to disclose

Ron B. Mitchell, MD
No relationships to disclose

Brian A. Moore, MD
Consulting Fee/Honoraria: Stryker, Inc.

Karen T. Pitman, MD
No relationships to disclose

Edmund A. Pribitkin, MD
Consultant: Stryker, Inc.

Clark A. Rosen, MD
Consulting Fee: Merz Aesthetic, Inc.
Speakers Bureau: Merz Aesthetic, Inc.

Eben L. Rosenthal, MD
No relationships to disclose

Brent A. Senior, MD
Speaker/Honoraria: Genentech; Karl Storz; Stryker
Consultant: Intersect ENT; Laurimed; Medtronic: Olympus; Sinuwave

William H. Slatery III, MD
Stockholder: House Ear Clinic
CEO & Stockholder: O’Ray Pharma
Medical Advisory Board: Cochlear Corporation

Phillip C. Song, MD
No relationships to disclose

Jeffrey H. Spiegler, MD
No relationships to disclose

Brendan C. Stack, Jr., MD
No relationships to disclose

Jeffrey S. Wol, MD
No relationships to disclose

Kathleen Yaremchuk, MD, MSA
No relationships to disclose

Complete faculty disclosure information can be found online in the conference schedule at www.entnet.org/annual_meeting.
Every full conference registrant will receive a $15 meal voucher for each day they are registered to attend the conference. Meal vouchers can be found in your badge holder in $5 denominations. Vouchers can be redeemed at any concession stand in the Exhibit Hall during the OTO EXPO℠ hours.

**CHOICES INCLUDE:**

**Flip Side Grill**
Hamburgers, Veggie Burgers and Chicken Sandwiches served with Fries

**Grab n’ Go Sandwiches and Salads**
Features a Variety of Sandwiches and Gourmet Salads

**Taste of East**
Assorted Sushi Box, Chicken and Beef Stir Fry, Lettuce Wraps, and Egg Rolls

**Sandwich Zone**
Sweet Baby Ray’s BBQ Beef Brisket and Cuban Sandwiches

**Tortilla Junction**
Chicken Street Tacos, Chicken Torta Sandwich, and Homemade Tortilla Soup

**Pretzel Cart**
Fresh Warm Pretzels and Assorted Drinks

**Top Dog**
Sabrett’s All Beef Hot Dogs

**Al Fresco**
Features a Variety of Pizza and Pasta
Special Thanks To Our IRT Partners

AAO-HNS would like to extend a special thank you to all of the Industry Roundtable (IRT) partners!

Corporate support is critical to realizing the Academy’s mission, which is to help our Members achieve excellence and provide the best ear, nose, and throat care through professional and public education, research, and health policy advocacy. Our partner organizations help the Academy to continue the programs and initiatives critical to our Members.

IRT Leaders

- Olympus
  - Booth 1211
- Medtronic
  - Booth 1411

IRT Members

- Acclarent
  - Booth 1433
- Entellus Medical
  - Booth 2010

IRT Associates

- Alcon
  - Booth 433
- Auris Medical
  - Booth 840
- Lumenis
  - Booth 1633
- Ottonomy
  - Booth 1555
- Smith & Nephew
  - Booth 1721

To learn more, contact David Buckner at dbuckner@entnet.org or 1-703-535-3718.

As of August 20, 2015
The AAO-HNSF would like to thank our 2015 Annual Meeting & OTO EXPO℠ Grant Supporters:

**Olympus**
Booth 1211

**Health eCAREERS**
Booth 339
AAO-HNS Business Meeting  
Saturday, September 26, 11:45 am - 12:00 pm  
Omni Dallas Hotel, Dallas Ballroom C  
The Annual Business Meeting of the Academy membership is held in conjunction with the Annual Meeting. Join your leaders on Saturday, September 26, for this official event with reports from the President, Secretary-Treasurer, and Executive Vice President/CEO.

AAO-HNS Career Fair  
Monday, September 28, 6:00 pm – 8:00 pm  
Omni Dallas Hotel, Greenville Avenue and Katy Trail  
The AAO-HNS Career Fair, hosted by ENT Careers and Health eCareers Network, will take place on Monday evening at the Omni Dallas Hotel. The AAO-HNS Career Fair provides candidates in all subspecialties and levels of training the opportunity to speak face-to-face with hiring representatives. Providing unparalleled access to job seekers across all disciplines and specialties, Health eCareers is the single source for all of your healthcare recruitment needs. Employers can leverage this opportunity to personally engage with numerous qualified job seekers at one time. Job seekers should visit Health eCareers to register and upload your resume! Employers should contact Health eCareers to take full advantage of the emerging talent pool.

AAO-HNSF and the Society of Military Otolaryngologists (SMO) Trauma Symposium  
(pre-registration is required)  
Sunday, September 27, 4:30 pm – 10:00 pm  
Adolphus Hotel  
Geared toward our military (active and retired) members, this event includes a general session, three breakouts, a dinner, and exhibit displays. Visit www.miloto.org for more information and registration details.

AAO-HNSF/SMORL Guideline Adaption Kick-Off Meeting  
(by invitation only)  
Monday, September 28, 5:00 pm – 6:00 pm  
Kay Bailey Hutchison Convention Center, Room C144  
AAO-HNSF guideline leaders and Mexican Society of Otolaryngology and HNS representatives will be holding a kick-off meeting to discuss using the ADAPTE Collaboration’s systematic approach to adapting the AAO-HNSF guidelines.

AAO-HNSF Cochrane Scholars (by invitation only)  
Sunday, September 27, 5:00 pm - 6:00 pm  
Kay Bailey Hutchison Convention Center. Room C144
AAO-HNS Member Orientation
Sunday, September 27, 5:30 pm – 6:00 pm
Omni Dallas Hotel, Southside 1
This session will give you insights on how to maximize your membership with AAO-HNS by taking advantage of all member benefits and opportunities. Come to this session to learn about the value of the AAO-HNS, meet key leaders, and ask questions of our knowledgeable staff. A selection of appetizers and refreshments will be served.

Annual Meeting & OTO EXPO℠ First Timers Orientation
Sunday, September 27, 7:30 am – 8:30 am
Kay Bailey Hutchison Convention Center, Ballroom C2
The orientation will also focus on getting the most out of the Annual Meeting & OTO EXPO℠ to maximize your experience. Gather with your colleagues before the start of the Opening Ceremony to explore the Annual Meeting, meet key leaders, and ask questions of our knowledgeable staff.

Alumni Receptions
Tuesday, September 29, 6:30 pm – 8:00 pm
Omni Dallas Hotel, Dallas Ballroom Lobby
Visit with your friends and colleagues from other institutions, enjoy a lavish selection of delicious appetizers and treats, and be entertained by local talent.

Board of Governors (BOG) General Assembly
Monday, September 28, 5:00 pm – 7:00 pm
Omni Dallas Hotel, Dallas Ballroom BC
The BOG is the grassroots member network of the AAO-HNS and is composed of local, state, regional, and national otolaryngology societies from across the U.S. and Canada. The General Assembly provides the opportunity to hear BOG committee reports, addresses from the Academy’s BOG leadership, EVP/CEO, and President, and to listen to candidate speeches for BOG office. Governors or alternate Governors are expected to attend this event, cast their votes on issues and candidates, and report/share the content and events of the General Assembly with their society members. All AAO-HNS members are invited to attend as non-voting guests.

Humanitarian Efforts Committee Forum
Sunday, September 27, 1:00 pm – 3:15 pm
Omni Dallas Hotel, Trinity Ballroom 5-6
The Humanitarian Forum is a gathering that highlights the humanitarian work and partnerships of AAO-HNS members in the developing world.
MEETINGS & RECEPTIONS

International Assembly
Sunday, September 27, 3:30 pm - 5:30 pm
Omni Dallas Hotel, Trinity Ballroom 5-6
All international members in attendance are invited to this forum, including the 2015 International Guests of Honor, International Visiting Scholars, and delegates from International Corresponding Societies, to discuss issues. Eugene N. Myers, MD, FRCS Edin (Hon) will moderate a conversation with Eben L. Rosenthal, MD, the Scientific Program Coordinator. You will also hear caucus reports from Africa, Europe, the Middle East, Latin America, and the Pacific Rim.

No reservations needed!

International Reception (by invitation only)
Tuesday, September 29, 8:00 pm – 10:00 pm
Omni Dallas Hotel, Trinity Ballroom 1-3
All registered international attendees and international guests are invited to this reception, where Academy President Gayle E. Woodson, MD, will honor the International Guests of Honor from the Czech Republic, Panama, Slovakia, Taiwan, and Tanzania. Celebrate with a D.J., dancing, and enjoy delicious desserts. We encourage international visitors to wear national dress or a lapel pin with their country’s flag or society emblem.

International Women’s Caucus
Sunday, September 27, 12:00 pm – 1:30 pm
Kay Bailey Hutchison Convention Center, Room D227

Otolaryngology Historical Society (OHS)
Meeting and Reception (reservations are required)
Monday, September 28, 6:00 pm – 8:00 pm
Omni Dallas Hotel, Trinity 4
Join fans of our specialty's history at the OHS Annual Meeting and reception, for an evening of paper and networking. Tickets can be purchased at registration (deadline Monday, September 28, 2:00 pm).

Poster Presentations Meet-and-Greet
Monday, September 28, 9:45 am – 10:45 am
Kay Bailey Hutchison Convention Center, Hall C
Learn about the latest advances in research directly from the source! Ask questions and share experiences with poster presenters in a truly interactive session.

President’s Reception
Sunday, September 27, 6:00 pm – 7:30 pm
Omni Dallas Hotel, Dallas Ballroom A-C
The President’s Reception is open to all Annual Meeting & OTO EXPO℠ attendees, including registered guests. One of our most popular events, this reception honors the outgoing president and provides an opportunity for you to enjoy a relaxing celebratory atmosphere with your peers. Badges are mandatory, so if bringing a guest please be sure they are registered.
Section for Residents and Fellows-in-Training (SRF) General Assembly  
Tuesday, September 29, 7:30 am – 9:30 am  
Omni Dallas Hotel, Dallas Ballroom B-C  
This year’s meeting will feature presentations from AAO-HNS leaders, a keynote speaker, section elections, an update of the annual SRF survey, and presentation of awards. As a medical student, resident, and/or fellow-in-training, this is an ideal venue to meet colleagues, have a voice in the Academy, and get involved in AAO-HNS initiatives and activities.

Surgical Simulation Special Interest Group Open Forum  
Monday, September 28, 5:00 pm - 6:00 pm  
Kay Bailey Hutchison Convention Center, Room C145  
If you have an interest in Simulation in Otolaryngology, please attend to discuss the existing state of simulation in ours and other specialties (general surgery, other specialties with related technology or interest), and provide direction to the Academy for supporting the use of simulation in otolaryngology-head and neck surgery. You are encouraged to contribute and help shape this effort dedicated to all aspects of simulation in otolaryngology-head and neck surgery.

Women in Otolaryngology (WIO) Section General Assembly  
Monday, September 28, 7:30 am – 9:30 am  
Omni Dallas Hotel, Dallas Ballroom B-C  
The WIO Section exists to enhance the careers of women otolaryngologists. Join WIO members and supporters for presentations from AAO-HNS leaders, a keynote speaker panel, section elections, and presentation of awards.

Young Physicians Section (YPS) General Assembly  
Tuesday, September 29, 3:30 pm – 5:30 pm  
Omni Dallas Hotel, Dallas Ballroom B-C  
This inaugural event will feature a presentation delivered by Robert Glazer, Chief Executive Officer, ENT and Allergy Associates, LLP. He will speak to the intricacies of practice management focusing on four important aspects that are most relevant and compelling for all our physicians and young associates who have just joined us. The four areas are: Governance, Financial Reporting/Clinical Reporting, IT/EMR, and Marketing. Presentations from YPS leaders and the election of new officers will also take place.
COMMITTEE MEETINGS

(Committee Meetings are listed alphabetically. Unless otherwise noted, committee meetings are open to all AAO-HNS Members.)

AAO-HNS/F Boards of Directors Meeting
Saturday, September 26, 8:00 am - 11:30 am
Omni Dallas Hotel, Dallas Ballroom C

AAO-HNS/F Business Meeting
Saturday, September 26, 11:45 am - 12:00 pm
Omni Dallas Hotel, Dallas Ballroom C

AAO-HNS/F Executive Committee (by invitation only)
Friday, September 25, 5:00 pm - 7:00 pm
Omni Dallas Hotel, Deep Ellum A

Adhoc/Alternative Payment Model Workgroup
(by invitation only)
Monday, September 28, 9:45 am - 10:45 am
Kay Bailey Hutchison Convention Center, Room C152

Airway and Swallowing Committee
Monday, September 28, 9:45 am - 10:45 am
Kay Bailey Hutchison Convention Center, Room C145

Allergy, Asthma, and Immunology Committee
Tuesday, September 29, 9:45 am - 10:45 am
Kay Bailey Hutchison Convention Center, Room C154

Board of Governors (BOG) Executive Committee
(by invitation only)
Sunday, September 27, 3:30 pm – 5:30 pm
Kay Bailey Hutchison Convention Center, Room C147

Board of Governors (BOG) Leaders Training Luncheon
Saturday, September 26, 12:00 pm - 1:00 pm
Omni Dallas Hotel, Dallas Ballroom A

Board of Governors (BOG) Legislative Affairs Committee
Saturday, September 26, 1:00 pm – 2:45 pm
Omni Dallas Hotel, Dallas Ballroom A

Board of Governors (BOG) Rules and Regulations Committee
Saturday, September 26, 11:00 am - 11:55 am
Omni Dallas Hotel, Dallas Ballroom A

Board of Governors (BOG) Socioeconomic and Grassroots Committee
Saturday, September 26, 3:00 pm – 4:45 pm
Omni Dallas Hotel, Dallas Ballroom A

Complementary/Integrative Medicine Committee
Monday, September 28, 2:15 pm – 3:15 pm
Kay Bailey Hutchison Convention Center, Room C144
CORE Study Section  
Saturday, September 26, 3:30 pm – 4:30 pm  
Kay Bailey Hutchison Convention Center, Room C145

CPT Relative and Value Committee  
Monday, September 28, 2:15 pm – 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C146

Credentials and Membership Committee  
Saturday, September 26, 1:00 pm – 2:00 pm  
Kay Bailey Hutchison Convention Center, Room C147

Development Committee  
Sunday, September 27, 7:00 am - 8:00 am  
Kay Bailey Hutchison Convention Center, Room C152

Diversity Committee  
Sunday, September 27, 2:15 pm – 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C155

Education Steering Committee  
Saturday, September 26, 4:00 pm - 6:00 pm  
Kay Bailey Hutchison Convention Center, Room C146

Endocrine Surgery Committee  
Tuesday, September 29, 2:15 pm – 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C146

ENT PAC Board of Advisors (by invitation only)  
Sunday, September 27, 2:00 pm - 4:00 pm  
Omni Dallas Hotel, Southside 1

Equilibrium Committee  
Monday, September 28, 2:15 pm - 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C155

Ethics Committee  
Saturday, September 26, 3:30 pm – 4:30 pm  
Kay Bailey Hutchison Convention Center, Room C144

Facial Plastic and Reconstructive Surgery Education Committee  
Monday, September 28, 2:15 pm - 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C154

FESS Taskforce Meeting (by invitation only)  
Sunday, September 27, 1:30 pm - 4:00 pm  
Kay Bailey Hutchison Convention Center, Room C146

Finance and Investment Subcommittee (FISC) (by invitation only)  
Saturday, September 26, 2:00 pm - 4:15 pm  
Kay Bailey Hutchison Convention Center, Room C156

General Otolaryngology Education Committee  
Sunday, September 27, 2:15 pm – 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C144
Geriatric Otolaryngology Committee  
Tuesday, September 29, 9:45 am - 10:45 am  
Kay Bailey Hutchison Convention Center, Room C147

Head and Neck Surgery and Oncology Committee  
Tuesday, September 29, 2:15 pm – 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C148

Head and Neck Surgery Education Committee  
Tuesday, September 29, 9:45 am - 10:45 am  
Kay Bailey Hutchison Convention Center, Room C155

Hearing Committee  
Monday, September 28, 11:00 am - 12:00 pm  
Kay Bailey Hutchison Convention Center, Room C146

History and Archives Committee  
Sunday, September 27, 7:00 am – 8:00 am  
Kay Bailey Hutchison Convention Center, Room C147

Humanitarian Efforts Committee  
Monday, September 28, 2:15 pm – 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C156

Humanitarian Efforts Committee Forum  
Sunday, September 27, 1:00 pm – 3:15 pm  
Omni Dallas Hotel, Trinity Ballroom 5-6

Imaging Committee  
Tuesday, September 29, 9:45 am - 10:45 am  
Kay Bailey Hutchison Convention Center, Room C145

Implantable Hearing Devices Committee  
Sunday, September 27, 7:00 am - 8:00 am  
Kay Bailey Hutchison Convention Center, Room C156

Infectious Disease Committee  
Sunday, September 27, 7:00 am - 8:00 am  
Kay Bailey Hutchison Convention Center, Room C144

Instruction Course Advisory Committee  
Tuesday, September 29, 2:15 pm – 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C144

International Otolaryngology Committee  
Monday, September 28, 9:45 am - 10:45 am  
Kay Bailey Hutchison Convention Center, Room C155

International Steering Committee  
Tuesday, September 29, 2:15 pm – 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C154

International Task Force (by invitation only)  
Wednesday, September 30, 8:00 am - 11:00 am  
Kay Bailey Hutchison Convention Center, Room D227
Joint Education Committees Meeting
Sunday, September 27, 7:00 am – 8:00 am
Omni Dallas Hotel, Dallas Ballroom DH

Joint Program Advisory and Instruction Course
Advisory Committees Meeting
Monday, September 28, 2:15 pm – 3:15 pm
Kay Bailey Hutchison Convention Center, Room C145

Laryngology and Bronchoesophagology Education Committee
Sunday, September 27, 2:15 pm – 3:15 pm
Kay Bailey Hutchison Convention Center, Room C145

Media and Public Relations Committee
Monday, September 28, 9:45 am – 10:45 am
Kay Bailey Hutchison Convention Center, Room C144

Medical Devices and Drugs Committee
Sunday, September 27, 2:15 pm – 3:15 pm
Kay Bailey Hutchison Convention Center, Room C152

Medical Informatics Committee
Saturday, September 26, 2:15 pm – 3:15 pm
Kay Bailey Hutchison Convention Center, Room C154

Microvascular Committee
Tuesday, September 29, 9:45 am – 10:45 am
Kay Bailey Hutchison Convention Center, Room C148

Nominating Committee (by invitation only)
Saturday, September 26, 1:00 pm – 2:00 pm
Kay Bailey Hutchison Convention Center, Room C156

Otolaryngology—Head and Neck Surgery Editorial Board Meeting
Tuesday, September 29, 6:00 am – 7:15 am
Kay Bailey Hutchison Convention Center, Room C146

Otology and Neurotology Education Committee
Tuesday, September 29, 9:45 am – 10:45 am
Kay Bailey Hutchison Convention Center, Room C156

Outcomes Research and Evidence Based Medicine Committee
Monday, September 28, 2:00 pm – 3:00 pm
Kay Bailey Hutchison Convention Center, Room C152

Panamerican Committee
Tuesday, September 29, 9:45 am – 10:45 am
Kay Bailey Hutchison Convention Center, Room C144

Patient Safety and Quality Improvement Committee
Sunday, September 27, 7:00 am – 8:00 am
Kay Bailey Hutchison Convention Center, Room C146

Pediatric Otolaryngology Committee
Sunday, September 27, 7:00 am – 8:00 am
Kay Bailey Hutchison Convention Center, Room C145
Pediatric Otolaryngology Education Committee  
Monday, September 28, 9:45 am – 10:45 am  
Kay Bailey Hutchison Convention Center, Room C156

Performance Measures Task Force (by invitation only)  
Saturday, September 26, 5:30 pm – 6:30 pm  
Kay Bailey Hutchison Convention Center, Room C148

Physician Payment Policy Workgroup (by invitation only)  
Monday, September 28, 3:30 pm – 5:30 pm  
Kay Bailey Hutchison Convention Center, Room C147

Physician Resource Committee  
Saturday, September 26, 3:30 pm – 4:30 pm  
Kay Bailey Hutchison Convention Center, Room C154

Plastic and Reconstructive Surgery Committee  
Monday, September 28, 9:45 am – 10:45 am  
Kay Bailey Hutchison Convention Center, Room C147

Practice Management Education Committee  
Monday, September 28, 2:15 pm – 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C148

Program Advisory Committee  
Saturday, September 26, 1:00 pm – 2:00 pm  
Kay Bailey Hutchison Convention Center, Room C144

Registry Task Force (by invitation only)  
Saturday, September 26, 4:30 pm – 5:30 pm  
Kay Bailey Hutchison Convention Center, Room C148

Research and Quality Steering Committee  
Sunday, September 27, 2:15 pm – 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C154

Rhinology and Allergy Education Committee  
Monday, September 28, 9:45 am – 10:45 am  
Kay Bailey Hutchison Convention Center, Room C146

Rhinology and Paranasal Sinus Committee  
Sunday, September 27, 7:00 am – 8:00 am  
Kay Bailey Hutchison Convention Center, Room C154

Robotic Surgery Task Force  
Saturday, September 26, 2:15 pm – 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C147

Science and Education Committee  
Saturday, September 26, 2:15 pm – 3:15 pm  
Kay Bailey Hutchison Convention Center, Room C155

Section for Residents and Fellows-in-Training (SRF)  
Governing Council  
Tuesday, September 29, 9:45 am – 10:45 am  
Kay Bailey Hutchison Convention Center, Room C152
<table>
<thead>
<tr>
<th>Committee Meetings</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Skull Base Surgery Committee</strong></td>
<td>Saturday, September 26</td>
<td>1:00 pm – 2:00 pm</td>
<td>Kay Bailey Hutchison Convention Center, Room C154</td>
</tr>
<tr>
<td><strong>Sleep Disorders Committee</strong></td>
<td>Saturday, September 26</td>
<td>2:15 pm – 3:15 pm</td>
<td>Kay Bailey Hutchison Convention Center, Room C148</td>
</tr>
<tr>
<td><strong>Specialty Society Advisory Council</strong></td>
<td>Tuesday, September 29</td>
<td>2:15 pm – 4:15 pm</td>
<td>Kay Bailey Hutchison Convention Center, Room C156</td>
</tr>
<tr>
<td><strong>Surgical Simulation Task Force</strong></td>
<td>Tuesday, September 29</td>
<td>2:15 pm – 3:15 pm</td>
<td>Kay Bailey Hutchison Convention Center, Room C145</td>
</tr>
<tr>
<td><strong>Trauma Committee</strong></td>
<td>Sunday, September 27</td>
<td>2:15 pm – 3:15 pm</td>
<td>Kay Bailey Hutchison Convention Center, Room C156</td>
</tr>
<tr>
<td><strong>Voice Committee</strong></td>
<td>Sunday, September 27</td>
<td>2:15 pm – 3:15 pm</td>
<td>Kay Bailey Hutchison Convention Center, Room C148</td>
</tr>
<tr>
<td><strong>Women in Otolaryngology (WIO) Awards Committee</strong></td>
<td>Monday, September 28</td>
<td>9:45 am – 10:45 am</td>
<td>Kay Bailey Hutchison Convention Center, Room C154</td>
</tr>
<tr>
<td><strong>Women in Otolaryngology (WIO) Communications Committee</strong></td>
<td>Monday, September 28</td>
<td>2:15 pm – 3:15 pm</td>
<td>Kay Bailey Hutchison Convention Center, Room C147</td>
</tr>
<tr>
<td><strong>Women in Otolaryngology Council on Committees/Governing Council Meeting</strong></td>
<td>Tuesday, September 29</td>
<td>2:15 pm – 3:15 pm</td>
<td>Kay Bailey Hutchison Convention Center, Room C155</td>
</tr>
<tr>
<td><strong>Women in Otolaryngology (WIO) Endowment Committee</strong></td>
<td>Monday, September 28</td>
<td>9:45 am – 10:45 am</td>
<td>Kay Bailey Hutchison Convention Center, Room C148</td>
</tr>
<tr>
<td><strong>Women in Otolaryngology (WIO) Leadership Development and Mentorship Committee</strong></td>
<td>Sunday, September 27</td>
<td>2:15 pm – 3:15 pm</td>
<td>Kay Bailey Hutchison Convention Center, Room C147</td>
</tr>
<tr>
<td><strong>Women in Otolaryngology (WIO) Program Committee</strong></td>
<td>Sunday, September 27</td>
<td>7:00 am – 8:00 am</td>
<td>Kay Bailey Hutchison Convention Center, Room C148</td>
</tr>
<tr>
<td><strong>Women in Otolaryngology (WIO) Research and Survey Committee</strong></td>
<td>Saturday, September 26</td>
<td>3:30 pm – 4:30 pm</td>
<td>Kay Bailey Hutchison Convention Center, Room C147</td>
</tr>
</tbody>
</table>
AFFILIATE MEETINGS

(Affiliate Meetings are listed alphabetically.)

2015 ENT Journal Editorial Board Meeting
Sunday, September 27, 6:30 am – 8:00 am
Omni Dallas Hotel, Arts District 1

38th Annual American Association of Otolaryngologists of Indian Heritage (AAOIH) Dinner Meeting
Sunday, September 27, 7:30 pm – 11:00 pm
Hyatt Regency Dallas

50th Annual American Neurotology Society Fall Meetings
- ANS Scientific Program
- Stereotactic Radiosurgery Study Group
- ANS Facial Nerve Study Group
- William House Cochlear Implant Study Group
Saturday, September 26, 6:30 am – 6:00 pm
Omni Dallas Hotel, Trinity Ballroom 5-7

AAO-HNSF Joint Meeting with the Turkish Otorhinolaryngology Head and Neck Surgery Society
- Pitfalls in Rhinoplasty
  Monday, September 28, 10:00 am - 11:30 am
  Kay Bailey Hutchison Convention Center, Room D227
- Current Surgical Techniques in Obstructive Sleep Apnea
  Monday, September 28, 1:00 pm - 2:00 pm
  Omni Dallas Hotel, Dallas Ballroom B-C
- Intraoperative Neuromonitoring in Thyroid Surgery
  Monday, September 28, 2:00 pm - 3:00 pm
  Omni Dallas Hotel, Dallas Ballroom B-C

ABEA Council Meeting
Saturday, September 26, 8:00 am – 9:00 pm
Kay Bailey Hutchison Convention Center, Room A130-131

AHNS Committee Meetings
Sunday, September 27, 9:30 am - 12:30 pm
Kay Bailey Hutchison Convention Center, Room A101

AHNS Committee Meetings
Sunday, September 27, 2:00 pm - 6:00 pm
Kay Bailey Hutchison Convention Center, Room A101

AHNS Committee Meetings
Monday, September 28, 7:00 am - 12:00 pm
Kay Bailey Hutchison Convention Center, Room A104

AHNS Committee Meetings
Sunday, September 27, 2:00 pm - 6:00 pm
Kay Bailey Hutchison Convention Center, Room A104
Ahns Executive Council Meeting  
Saturday, September 26, 12:00 pm – 5:00 pm  
Kay Bailey Hutchison Convention Center, Room A115-117

AJRA Board Meeting  
Sunday, September 27, 6:30 am – 8:00 am  
Sheraton Dallas, City View 8

American Neurotology Society Executive Council Meeting/  
Luncheon followed by the ANS Education Committee Meeting  
Friday, September 25, 11:00 am - 5:30 pm  
Omni Dallas Hotel, Arts District 4

American Otological Society Council Meeting (Membership  
Committee followed by O&N Board of Directors)  
Sunday, September 27, 6:30 am - 10:00 am  
Omni Dallas Hotel, Southside 1

ASPO Board and Committee Meetings  
Saturday, September 26, 7:00 am – 7:00 pm  
Hyatt Regency Dallas

Christian Society of Otolaryngology—Head and Neck Surgeons  
Annual Fellowship Breakfast  
Sunday, September 27, 6:00 am - 8:00 am  
Omni Dallas Hotel, Greenville Avenue

Christian Society of Otolaryngology - Head & Neck Surgeons  
Annual Membership Dinner Banquet  
Saturday, September 26, 5:00 pm - 9:00 pm  
Omni Dallas Hotel, Greenville Avenue

COSM SLC Meeting  
Monday, September 28, 7:00 am – 8:30 am  
Omni Dallas Hotel, Greenville Avenue

Ear Research Foundation Serf’s Up Fellow Reception  
Sunday, September 27, 7:30 pm - 10:00 pm  
Omni Dallas Hotel, Arts District 3

Endoscopic Ear Surgery Study Group  
Sunday, September 27, 2015, 5:00 pm - 7:00 pm  
Omni Dallas Hotel, Katy Trail

Eustachian Tube Study Group  
Sunday, September 27, 7:00 am – 8:00 am  
Omni Dallas Hotel, Dallas Ballroom E

Korean American Satellite Symposium  
Sunday, September 27, 5:30 pm - 10:30 pm  
Great Hall (4th Floor) of Old Red Museum of Dallas County  
Culture and History; 100 South Houston St., Dallas TX 75202
Laryngoscope Associate/Section Editor Lunch Meeting  
Tuesday, September 29, 12:00 pm - 1:30 pm  
Kay Bailey Hutchison Convention Center, Room A112-113

Laryngoscope Editorial Board Meeting  
Tuesday, September 29, 7:00 am - 8:00 am  
Kay Bailey Hutchison Convention Center, Room A114-116

Laryngoscope How I Do It Lunch Meeting  
Monday, September 28, 12:00 pm - 1:30 pm  
Kay Bailey Hutchison Convention Center, Room A102-103

Laryngoscope Investigative Otolaryngology Education Board Lunch Meeting (LIO)  
Tuesday, September 29, 12:00 pm - 1:30 pm  
Kay Bailey Hutchison Convention Center, Room A114-116

Laryngoscope Systematic Review Lunch  
Monday, September 28, 12:00 pm - 1:30 pm  
Kay Bailey Hutchison Convention Center, Room A101

National Medical Association, Barnes Society Meeting  
Monday, September 28, 2015, 12:30 pm - 2:00 pm  
Aloft Dallas Downtown Hotel; Plush Pad

Neurorlaryngology Study Section Meeting  
Monday, September 28, 7:00 am - 8:00 am  
Kay Bailey Hutchison Convention Center, Room D161

North American Airway Collaborative Meeting  
Monday, September 28, 11:30 am - 2:30 pm  
Aloft Dallas Downtown Hotel, Tactic Pad

Otology & Neurotology: Journal Editorial Board Discussion  
Sunday, September 27, 10:30 am - 11:30 am  
Omni Dallas Hotel, Southside 1

OSU Virtual Temporal Bone Investigators Meeting  
Monday, September 28, 2:00 pm - 4:00 pm  
Aloft Dallas Downtown Hotel, Party Pad

Society of Military Otolaryngologists 2nd Annual Trauma Symposium  
Sunday, September 27, 5:00 pm - 10:00 pm  
Adolphus Hotel

Society of Military Otolaryngologists Air Force Middle Management Meeting.  
Sunday, September 27, 4:30 pm - 5:30 pm  
Adolphus Hotel
Society of Military Otolaryngologists Army Middle Management Meeting
Sunday, September 27, 4:30 pm - 5:30 pm
Adolphus Hotel

Society of Military Otolaryngologists Navy Middle Management Meeting
Sunday, September 27, 4:30 pm - 5:30 pm
Adolphus Hotel

Society of Physican Assistants in ORL-HNS Breakfast Social
Monday, September 28, 6:30 am - 8:00 am
Omni Dallas Hotel, Katy Trail

Vascular Anomalies Task Force
Tuesday, September 29, 6:00 pm - 7:00 pm
Aloft Dallas Downtown; Tactic Pad

ALUMNI RECEPTIONS

Boise Annual Alumni Event
Monday, September 28, 6:00 pm - 9:00 pm
Dallas Chop House, 1717 Main Street #100, Dallas, TX 75201

Harvard Medical School Alumni Reception
Monday, September 28, 6:00 pm - 8:00 pm
Dakota’s Steakhouse, 600 North Akard Street, Dallas, TX 75201

Mayo Clinic Alumni Association Reception
Monday, September 28, 6:00 pm - 7:30 pm
Omni Dallas Hotel, Oak Cliff 1

Penn State University Alumni Reception
Monday, September 28, 6:30 pm - 9:30 pm
Sambuca Restaurant, 2120 McKinney Avenue, Dallas, TX 75201

University of Miami Department of Otolaryngology Alumni Reception
Monday, September 28, 8:00 pm - 11:00 pm
Bob’s Steak and Chop House, Omni Dallas Hotel

University of Michigan Alumni Reception
Monday, September 28, 6:30 pm - 9:00 pm
Eddie Dean’s Ranch, 944 South Lamar Street, Dallas, TX 75207

University of Pittsburgh Alumni Reception
Saturday, September 26, 7:00 pm - 9:00 pm
The City Club Dallas, 69th Floor, 901 Main Street, Dallas, TX 75202

University of Pennsylvania Alumni Reception
Monday, September 28, 7:30 pm - 10:00 pm
560 by Wolfgang Puck; 300 Reunion Blvd E, Dallas, TX 75207
ALUMNI NIGHT
TUESDAY, SEPTEMBER 29, 6:30 PM - 8:00 PM
OMNI DALLAS HOTEL, DALLAS BALLROOM FOYER

Tuesday night of the Annual Meeting is “Alumni Night.” Receptions for the following colleges, universities, and otolaryngology training centers.

Cleveland Clinic Head and Neck Institute and
CWRU University, Booth 500

Loma Linda University Health System, Booth 260

Northwestern University, Booth 440

Reception for The Greater Metropolitan New York Residency Programs, Booth 300
- Albert Einstein College of Medicine
- Columbia University College of Physicians and Surgeons
- Weill Cornell Medical College
- Manhattan Eye, Ear and Throat Hospital
- Icahn School of Medicine at Mount Sinai
- New York Eye & Ear Infirmary of Mount Sinai
- New York University School of Medicine
- Rutgers-New Jersey Medical School
- State University of New York–Downstate Medical Center

Temple University, Booth 220

Tufts Medical Center & Boston Medical Center, Booth 50

The MCW/Marquette Medical Alumni Association, Booth 400

University of Alabama, Booth 360

University of Illinois at Chicago/Southern Illinois, Booth 120

University of Kansas, Missouri, and Nebraska, Booth 140

University of Louisville, Booth 420

University of Virginia, Booth 160

University of Wisconsin, Booth 240

U.T. Health Science Center, Booth 200

Washington University, Booth 100

Wayne State University, Booth 520

Yale University, Booth 460
HONORARY GUEST LECTURERS

Professor Marci Lesperance, MD
Cotton-Fitton Endowed Lecture In Pediatric Otolaryngology

**Monday, September 28**
9:45 am - 10:45 am
Kay Bailey Hutchison Convention Center, Ballroom C4

Professor-Emeritus Frans J.M. Hilgers, MD, PhD
Eugene N. Myers, MD International Lecture On Head And Neck Cancer

**Monday, September 28**
2:15 pm - 3:15 pm
Kay Bailey Hutchison Convention Center, Ballroom C4

Lloyd B. Minor, MD
H. Bryan Neel III MD, PhD, Distinguished Research Lecture

**Tuesday, September 29**
2:15 pm - 3:15 pm
Kay Bailey Hutchison Convention Center, Ballroom C4

Konstantina M. Stankovic, MD, PhD
Howard P. House, MD Memorial Lecture For Advances In Otology,

**Tuesday, September 29**
9:45 am - 10:45 am
Kay Bailey Hutchison Convention Center, Ballroom C4

G. Scott Morris, MD, MDiv
John Conley, MD Lecture On Medical Ethics

**Sunday, September 27**
8:30 am - 9:30 am
Kay Bailey Hutchison Convention Center, Hall B
ICD-10 goes into effect October 1, 2015
Make sure you’re prepared by checking out these convenient resources when you return home from the Annual Meeting & OTO EXPOSM:

The Academy’s Sample ICD-10 ENT Superbills
Read and Customize the Academy’s sample ICD-10 ENT superbills for your practice.
www.entnet.org/ICD-10-Coding-Resources

ICD-9 to ICD-10 Crosswalk Chart
Consult this easy reference guide that connects commonly used ENT ICD-9-CM codes with their ICD-10-CM counterparts.
www.entnet.org/ICD-10-Top-200-ENT-Diagnosis-Codes

ICD-10 Code Lookup Tool
Bookmark this tool that allows you to keyword search for the appropriate ICD-10 code.

ICD-10 Resources from AAPC
Access exclusive online training tools, webinars, and eCourses at a discount with your Academy membership. Attend in-person workshops in several locations throughout the year.
www.entnet.org/coding

Stay Up-to-Date with HP Update and The News
Your member benefits include a subscription to the monthly HP Update and weekly The News newsletters. Keep an eye on your inbox and take advantage of pertinent ICD-10 updates.
www.entnet.org/content/hp-update
The Foundation is bringing you a bigger and better learning experience with the launch of the new AcademyU® learning platform.

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- Learner-focused, with features designed to optimize your experience to search, discover, and share knowledge
- Personalized, with the ability to recommend courses to users based on their professional interests and background
- Social, with a variety of discussion communities focused on education and professional development
- User-friendly, with easy access to increased content, search, and continuing education transcripts
- Searchable, with an integrated search function from all resources on the AAO-HNS/F website
- Flexible, with a variety of course formats to match your learning style

Visit AcademyU.org now to see everything it has to offer!
SUNDAY SCHEDULE

SUNDAY SEPTEMBER 27

DAY-AT-A-GLANCE

AAO-HNS Member Resource Center
7:00 am - 6:00 pm, KBHCC, Lobby D

Opening Ceremony
8:30 am, KBHCC, Hall B

Honorary Guest Lecturer
John Conley, MD Lecture on Medical Ethics
Lecturer: G. Scott Morris, MD, MDiv

The Power of Data: Creating a Clinical Data Registry for Otolaryngology—Head and Neck Surgery
9:30 am - 11:30 am, KBHCC, Hall B

OTO EXPO™ and Scientific Posters
10:00 am - 5:00 pm, KBHCC, Halls C-E

Scientific Oral Presentations: Best of Orals
10:00 am - 11:20 am, KBHCC, Room C141
Session includes 12 of the highest rated Scientific Oral submissions representing all the subspecialties topics.

Millennium Society Donor Appreciation Lounge
10:00 am - 5:00 pm, KBHCC, Room D221

President’s Reception
6:00 pm - 7:30 pm, Omni Dallas Hotel, Dallas Ballroom
8:30 am - 9:30 am

OPENING CEREMONY
KBHCC, Hall B

Featuring John Conley, MD Lecture on Medical Ethics
G. Scott Morris, MD, MDiv

9:30 am – 11:30 am

MINISEMINARS

The Power of Data: Creating a Clinical Data Registry for Otolaryngology—Head and Neck Surgery
KBHCC, Hall B
James C. Denneney III, MD (Moderator); Lisa E. Ishii, MD, MHS; William L. Rich, MD; Richard M. Rosenfeld, MD, MPH; Jean Brereton, MBA
10:00 am – 11:00 am

INSTRUCTION COURSES

Optimal Surgical Strategies for Treating Facial Paralysis
1104-1 Omni, Trinity Ballroom 4
David B. Hom, MD; Ravi N. Samy, MD

Bedside Tracheotomy: From Program to Practice
1105-1 KBHCC, Room D163
Bradley Schiff, MD; Andrew B. Tassler, MD

Principles of Reconstruction of Partial Nasal Defects
1107-1 Omni, Fair Park 1
Timothy J. Woolford, FRCS

Avoiding Errors in VNG Interpretation
1108-1 KBHCC, Room D160
Steven A. Telian, MD, MS; Meredith E. Adams, MD

Using M&M Conference to Promote Patient Safety/Quality Improvement
1109-1 Omni, Fair Park 2
Brian Nussenbaum, MD; Rahul Shah, MD

Advances in Management of Recurrent Nasopharyngeal Carcinoma
1110-1 Omni, Dallas Ballroom E
Jimmy Yu-wai Chan, MD, PhD

Endoscopic Approach to the Sella: Tips and Tricks
1112-1 KBHCC, West Fork
Sarah K. Wise, MD, MS; Bradford A. Woodworth, MD

Corticosteroids: Know the Risks!
1114-1 KBBHC, Room C140
David M. Poetker, MD; Todd T. Kingdom, MD

Sinus Headache, Migraine, and the Otolaryngologist
1117-1 Omni, Dallas Ballroom G
Mark Mehle, MD

Autism and Asperger’s for the Practicing Otolaryngologist
1119-1 KBHCC, Room D161
Michelle M. Cullen, MD; Scott R. Schaem, MD

Thyroid Framework Surgery Types 1-4: Factors for Success
1122-1 KBHCC, Room D171
Mark S. Courey, MD; Marc J. Remacle, MD, PhD

Sleep Study Evaluation...More Than an RDI
1123-1 Omni, Dallas Ballroom F
Lee M. Shangold, MD; Pell Ann Wardrop, MD

Frontal Sinus Trauma: Comprehensive Diagnosis and Treatment
1124-1 KBHCC, Room C142
E. Bradley Strong, MD
Clinical Fundamentals: Anesthesia Related Topics for Otolaryngologists

1125-1 KBHCC, Room D174
Murali Sivarajan

Vocal Fold Leukoplakia: Oncology and Voice Preservation

1126-1 KBHCC, Room D175
Seth H. Dailey, MD

Sphenoid Pathology and Approaches to the Sphenoid Sinus

1129-1 KBHCC, East Fork
Richard J. Harvey, MD, PhD; Rodney J. Schlosser, MD

Scientific Oral Presentations

Best of Orals

KBHCC, Room C141
Moderators: Eben L. Rosenthal, MD; Sujana S. Chandrasekhar, MD

10:00 am Correlation of Pediatric Sleep Endoscopy with Polysomnography
John P. Dahl, MD, PhD, MBA; Craig Miller, MD; Patricia L. Purcell, MD; David A. Zopf, MD; David L. Hornt, MD; Dylan K. Chan, MD, PhD; Sanjay R. Parikh, MD

10:06 am Long Term Outcomes of Cranial Nerve Stimulation for OSA
B. Tucker Woodson, MD; Joachim Maurer; M. Boyd Gillespie, MD, MSc; Nico de Vries, MD; Ryan J. Soose, MD; Jonathan Z. Baskin, MD; Tapan A. Padhya, MD

10:12 am Implementation of a Clinical Care Pathway for Epistaxis Management
Peter S. Vosler, MD, PhD; Jason I. Kass, MD, PhD; Eric W. Wang, MD; Carl H. Snyderman, MD, MBA

10:18 am Ciprofloxacin Decreases Collagen in Tympanic Membrane Fibroblasts
Nicklas C. Orobello; Carolyn O. Dirain, PhD; Maria Raye Anne V. Ng; Bailey A. Milne-Davies, AA; Patrick J. Antonelli, MD

10:24 am Depression After Hearing Loss Treatment: Results from the SMART Study
Kevin J. Contrera, MPH; Iosh Betz; Yoon Sung; Lingsheng Li; Janet S. Choi, MPH; Frank R. Lin, MD, PhD

10:30 am Middle Ear Findings for Children with Conductive Hearing Loss
Juha T. Silvola, MD, PhD

10:36 am Palliative Therapy of the Primary Tumor in M1 Head and Neck Cancer
Tapan D. Patel, MD; Emily Marchiano; Suat Kilic; Jean Anderson Eloy, MD; Soly Baredes, MD; Richard C. Park, MD
10:42 am Congenital Cholesteatoma: Results Using Over-Under Tympanoplasty
Aaron M. Metrailer, MD; Eric L. Slattery, MD; Seilesh Babu, MD; Michael J. Larouere, MD; Dennis I. Bojrab, MD

10:48 am Magnesium Disorders Are Related to Hypocalcemia After Thyroidectomy
Jason C. Nellis, MD; Ralph P. Tufano, MD, MBA; Christine G. Gourin, MD

10:54 am Nerve Monitoring in Thyroid Surgery: Litigation Fears and Realities
Kenny J. Oh, JD; Jeffrey C. Liu, MD

11:00 am Outcomes in Open and Endoscopic Repair of Esophageal Diverticulum
J. Alexander Ivey; Brendan P. O’Connell, MD; M. Boyd Gillespie, MD, MSc

11:06 am An Analysis of Adverse Events Reported with Balloon Sinus Procedures
Anthony A. Prince, MD; Neil Bhattacharyya, MD

10:00 am - 11:30 am

MINISEMINARS

2015 HPV Update: TORS, Trials, Tailored Treatment, and Touchy Questions
Supported by the Head and Neck Surgery & Oncology Committee
KBHCC, Ballroom C1
Cecelia E. Schmalbach, MD (Moderator): Robert L. Ferris, MD, PhD; James W. Rocco, MD, PhD; Carole Fakhry, MD, MPH; Steven Chang, MD

Annual Academic Bowl
KBHCC, Ballroom C4
Mark K. Wax, MD (Moderator); Sonya Malekzadeh, MD

Ask the Experts: Sleep Surgery Potpourri
KBHCC, Room D167
Michael Friedman, MD (Moderator); Kathleen Yaremchuk, MD, MSA; Eric J. Kezirian, MD, MPH; Edward M. Weaver, MD, MPH; Erica R. Thaler, MD; Ofer Jacobowitz, MD

Hot Topics for the General Otolaryngologists
KBHCC, Elm Fork
J. Pablo Stolovitzky, MD (Moderator); John H. Krouse, MD, PhD, MBA; Donald C. Lanza, MD; B. Tucker Woodson, MD

Sudden Hearing Loss: What Every Otolaryngologist Needs to Know
KBHCC, Ballroom C3
Lawrence Lustig, MD (Moderator); David S. Haynes, MD; Cliff A. Meagerian, MD; George B. Wanna, MD; Daniel M. Zeitler, MD

Thinking Outside the Box: Novel Strategies for Refractory Sinusitis
KBHCC, Ballroom C2
Mariene B. Wang, MD (Moderator); Pete S. Batra, MD; Jivianne T. Lee, MD; Brent A. Senior, MD; Chau T. Nguyen, MD; Malcolm B. Tow, MD
10:00 am - 12:00 pm

INSTRUCTION COURSES

Cost-Effectiveness and Comparative Effectiveness in ENT
1103-2  Omni, Dallas Ballroom D
David S. Leonard, MD, MPH; Vikas Mehta, MD, MPH

Office-Based Ultrasonography of the Neck
1106-2  KBHCC, Room D166
Hans J. Welkoborsky, MD, PhD; Lisa A. Orloff, MD

Chronic Otitis Media: Ear Surgery
1113-2  KBHCC, Clear Fork
Derald E. Brackmann, MD; William M. Luxford, MD

Become an Expert in Rhinology Coding
1121-2  KBHCC, Room D168
Seth M. Brown, MD; Winston C. Vaughan, MD

Anatomy and Surgical Management of Frontal Sinus Disease
1128-2  Omni, Trinity Ballroom 1
Stilianos E. Kountakis, MD, PhD

Surgical Stridor, Stridor and Babies That Squeak: A Practical Approach
1130-2  Omni, Trinity Ballroom 3
Matthew T. Brigger, MD, MPH; Christopher Hartnick, MD; Seth M. Pransky, MD

11:15 am - 12:15 pm

INSTRUCTION COURSES

Precise Surgical Localization of Key Cranial Nerves in the Head & Neck
1205-1  KBHCC, Room D163
Mimi S. Kokoska, MD; Jeffrey M. Bumpous, MD

Ossiculoplasty Techniques with Hydroxyapatite Cement
1207-1  Omni, Fair Park 1
Joel A. Goebel, MD

Middle Ear Mechanics and Middle Ear Hearing Reconstruction
1208-1  KBHCC, Room D160
Manohar L. Bance, MD, FRCSC
## SUNDAY SCHEDULE

<table>
<thead>
<tr>
<th>Event</th>
<th>Location</th>
<th>Time</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Does My Patient Need a Free Flap?</strong></td>
<td>Omni, Fair Park 2</td>
<td>1209-1</td>
<td>Douglas B. Chepeha, MD, MPH; Samir S. Khariwala, MD; Kelly M. Malloy, MD</td>
</tr>
<tr>
<td><strong>Advances in the Management of Papillary Thyroid Cancer</strong></td>
<td>Omni, Dallas Ballroom E</td>
<td>1210-1</td>
<td>Robert L. Witt, MD</td>
</tr>
<tr>
<td><strong>Technique to Simplify Myringoplasty</strong></td>
<td>KBHCC, West Fork</td>
<td>1212-1</td>
<td>Masafumi Sakagami, MD, PhD; Yu Yuasa, MD</td>
</tr>
<tr>
<td><strong>Comprehensive Management of Laryngomalacia and Its Variants</strong></td>
<td>KBHCC, Room C140</td>
<td>1214-1</td>
<td>Gresham T. Richter, MD; Dana M. Thompson, MD</td>
</tr>
<tr>
<td><strong>Surgical Anatomy of the Paranasal Sinuses</strong></td>
<td>Omni, Dallas Ballroom G</td>
<td>1217-1</td>
<td>Brent A. Senior, MD</td>
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<tr>
<td><strong>Raising Your Voice Care Game via Excellence in Stroboscopy</strong></td>
<td>KBHCC, Room D161</td>
<td>1219-1</td>
<td>VyVy N. Young, MD; Thomas L. Carroll, MD</td>
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<tr>
<td><strong>Chronic Cough in Children</strong></td>
<td>KBHCC, Room D171</td>
<td>1222-1</td>
<td>Samantha Anne, MD; Alessandro de Alarcon, MD, MPH</td>
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<tr>
<td><strong>Selecting Hypopharyngeal Procedures in OSA</strong></td>
<td>Omni, Dallas Ballroom F</td>
<td>1223-1</td>
<td>Eric J. Kezirian, MD, MPH</td>
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<tr>
<td><strong>Functional Reconstruction of the Oral Cavity and Oropharynx</strong></td>
<td>KBHCC, Room C142</td>
<td>1224-1</td>
<td>Gregory K. Hartig, MD; Aaron M. Wieland, MD</td>
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<tr>
<td><strong>Clinical Fundamentals: Clinical Outcome Measures/Evidence-based Medicine</strong></td>
<td>KBHCC, Room D174</td>
<td>1225-1</td>
<td>Michael G. Stewart, MD, MPH</td>
</tr>
<tr>
<td><strong>Reflux Testing in Otolaryngology: What You Need to Know</strong></td>
<td>KBHCC, Room D175</td>
<td>1226-1</td>
<td>Joel H. Blumin, MD; Jonathan M. Bock, MD</td>
</tr>
<tr>
<td><strong>The Frontal and Sphenoid Sinuses: Tips in Endoscopic Surgery</strong></td>
<td>KBHCC, East Fork</td>
<td>1229-1</td>
<td>Timothy L. Smith, MD</td>
</tr>
</tbody>
</table>
1:00 pm - 2:00 pm

INSTRUCTION COURSES

Office Management of Snoring in 2015
1302-1
KBHCC, Ballroom C4
Scott E. Brietzke, MD, MPH; Peter O’Connor, MD

Discussing HPV-Head and Neck Cancer: Diagnosis and Beyond
1303-1
Omni, Dallas Ballroom D
Carole Fakhry, MD, MPH; Christine G. Gourin, MD

Improved Management of Hypocalcaemia After Thyroidectomy
1304-1
Omni, Trinity Ballroom 4
Jacob P. Noordzij, MD; Ian K. McLeod, MD

Evidenced-based Approach to Treating Oral Cavity Cancer, 2015 Update
1305-1
KBHCC, Room D163
Neil D. Gross, MD; Dennis H. Kraus, MD

Clinical Evaluation of Balance Disorders in Children
1306-1
KBHCC, Room D166
Robert C. O’Reilly, MD; Sharon L. Cushing, MD, MSc, FRCSC

Management of Pulsatile Tinnitus
1307-1
Omni, Fair Park 1
Paul R. Lambert, MD

Chronic Sinusitis in Young Children
1308-1
KBHCC, Room D160
Anthony E. Magit, MD; Seth M. Pransky, MD

Evaluating and Managing Superior Canal Dehiscence Syndrome
1309-1
Omni, Fair Park 2
Daniel J. Lee, MD; Anthony Mikulec, MD

An Evidence-based Protocol for Head and Neck Lymphedema
1310-1
Omni, Dallas Ballroom E
Jan S. Lewin, PhD; Brad G. Smith

Tympanoplasty: Medial, Lateral or Medio-Lateral Graft
1313-1
KBHCC, Clear Fork
Timothy T. K. Jung, MD, PhD; David H. Jung, MD, PhD

Botulinum Toxin for Headache and Pain
1314-1
KBHCC, Room C140
Andrew Blitzer, MD; William J. Binder, MD
<table>
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<tr>
<th>Session</th>
<th>Title</th>
<th>Location</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>GO 1315-1</td>
<td>How to Interpret and Prepare a High Quality Systematic Review</td>
<td>KBHCC, Elm Fork</td>
<td>Martin J. Burton, MD; Richard M. Rosenfeld, MD, MPH</td>
</tr>
<tr>
<td>RA 1317-1</td>
<td>Another Five Landmarks to Make You an Even Better Sinus Surgeon</td>
<td>Omni, Dallas Ballroom G</td>
<td>Ralph B. Metson, MD</td>
</tr>
<tr>
<td>PED 1319-1</td>
<td>Complications of Adenotonsillectomy in Children</td>
<td>KBHCC, Room D161</td>
<td>Charles M. Myer, MD</td>
</tr>
<tr>
<td>BMP 1321-1</td>
<td>An Individualized Approach to Quality and Value for Surgeons</td>
<td>KBHCC, Room D168</td>
<td>Carl H. Snyderman, MD; Erin L. McKeaen, MD, MBA</td>
</tr>
<tr>
<td>LBE 1322-1</td>
<td>Management of Zenker’s and Hypopharyngeal Diverticula</td>
<td>KBHCC, Room D171</td>
<td>Richard L. Scher, MD; David Myssiorek, MD</td>
</tr>
<tr>
<td>FPRS 1324-1</td>
<td>Optimizing Treatment of Nasal Fractures</td>
<td>KBHCC, Room C142</td>
<td>J. Gregory Staffel, MD</td>
</tr>
<tr>
<td>MOC 1325-1</td>
<td>Clinical Fundamentals: DVT: How, When, Why in Otolaryngology</td>
<td>KBHCC, Room D174</td>
<td>Amy C. Hessel, MD</td>
</tr>
<tr>
<td>ON 1326-1</td>
<td>Bone-Anchored Hearing Devices: New Rehabilitative Options</td>
<td>KBHCC, Room D175</td>
<td>John K. Niparko, MD; Charles J. Limb, MD</td>
</tr>
</tbody>
</table>

**BOBBY R. ALFORD, MD ENDOWMENT RESEARCH GRANT DONOR RECEPTION**
(by invitation only)

Sunday, September 27
1:00 pm - 2:00 pm

Omni Dallas Hotel
Katy Trail Room
MINISEMINARS

Frontal Sinus Surgery: A Stepwise Approach (in Spanish)
KBHCC, Ballroom C2
J. Pablo Stolovitzky, MD (Moderator); Roy R. Casiano, MD; Ricardo Carrau, MD

Office Based Snoring Surgery
KBHCC, Room D162
Brian Rotenberg, MD, MPH (Moderator); Kenny P. Pang, MD

Reducing Morbidity in Thyroidectomy
KBHCC, Ballroom C1
Juan Rosas Pena, MD (Moderator); Claudio R. Cernea, MD, PhD; Fernando Walder, MD; Fernando L. Dias, MD, PhD; Rogerio A. Dedivitis, MD, PhD

Surgical Techniques in Dysphagia: A Case Based Discussion
Omni, Dallas Ballroom F
Jonathan M. Bock, MD (Moderator); Albert Merati, MD; Timothy M. McCulloch, MD; Gregory Postma, MD

The Room Is Spinning! Integrative Treatments for Balance Disorders
KBHCC, West Fork
Marilene B. Wang, MD (Moderator); Joel A. Goebel, MD; Yuri Agrawal, MD; Agnes Czibulka, MD; Michael Seidman, MD; Chau T. Nguyen, MD

Advanced Skin Cancer of the Scalp and Cheek: Reconstructive Paradigms
KBHCC, Ballroom C3
Donald T. Weed, MD (Moderator); Brian A. Moore, MD; Kevin M. Higgins, MD, MS; Jason T. Rich, MD; David P. Goldstein, MD

Expanding Cochlear Implant Indications: Is My Patient a Candidate?
KBHCC, Room D167
Kenneth H. Lee, MD, PhD (Moderator); William H. Slattery, MD; Paul H. van de Heyning, MD, PhD; Oliver F. Adunka, MD
SCIENTIFIC ORAL PRESENTATIONS

FPRS FACIAL PLASTIC AND RECONSTRUCTIVE SURGERY
Omni, Trinity Ballroom 3
Moderators: Jennifer C. Kim, MD; Michael Fritz, MD

1:00 pm  Improved Rat Facial Nerve Recovery with PEG/MB Fusion Technique
Amy Best, MD; Taha Shipchandler, MD; Kathy Jones, PhD; George Bittner, PhD; Avinash Mantravadi, MD; Whitney Miller, MS; Jessica Muldoon

1:06 pm  Secondary Clots in the Free-flap Patient: Risk and Prophylaxis
Elizabeth E. Cottrill, MD; Jessica J. Peck, MD; Punam G. Thakkar, MD; Mark K. Wax, MD; Steven B. Cannady, MD

1:12 pm  Wound Infection in Salvage Surgery and Antibiotic Prophylaxis
Sahar Nadimi, MD; Amy L. Pittman, MD

1:18 pm  Head & Neck Surgical Reconstruction in Operation Iraqi Freedom and Operation Enduring Freedom: A Systematic Review
Samantha J. Mikals, MD; Joshua M. Jabaut; Art A. Ambrosio, MD

1:24 pm  Reliability of Nasal Exam Using a Standardized Anatomic Worksheet
Ryan M. George, MD; Scott E. Brietzke, MD, MPH; Robin Lindsay, MD

1:30 pm  Novel Treatment of Nasal Valve Collapse with a Bioabsorbable Implant
Marion San Nicoló, MD; Murat Bas, MD; Haneen Sadick, MD; Klaus Stelter, MD; Alexander Berghaus, MD

1:36 pm  Papaverine Shortage: Verapamil-Nitroglycerin Solution Substitute
Rahul Seth, MD; Elizabeth Cedars, MD; Christine Ha; P. Daniel Knott, MD
SCIENTIFIC ORAL PRESENTATIONS

GENERAL OTOLARYNGOLOGY
Omni, Trinity Ballroom 1
Moderators: Benjamin B. Cable, MD; Robert H. Chun, MD

1:00 pm  Evaluating Completion Rates for Pediatric Awake, Office Procedures
Aida Rezaie

1:12 pm  Evaluation of a Laryngopharyngeal Reflux Management Protocol
Nikita Gupta, MD; Ross W. Green, MD; Uchechukwu Megwalu, MD, MPH

1:18 pm  Hearing Problems and Grade Repetition amongst U.S. Children
Rachel Roditi, MD; Sapideh Gilani, MD; Neil Bhattacharyya, MD

1:24 pm  A Low Cost Method of Cilia Beat Frequency Measurement Using iPhone
Jason J. Chen; Bryan Lemieux; Brian J. F. Wong, MD

1:30 pm  Features of Immunotolerance in TME of Transplanted NPC among Nude Mice
Daofa Tian, PhD, MD; Liu Xiang, MS; He Yingchun, PhD; Fan Jingying, MS; Hu Mei, PhD; Chen Shuhua, MD, PhD

1:36 pm  Outcomes and QOL of Sialendoscopy for Radioiodine Sialadenitis
Andrew B. Baker, BS; Alexander W. Murphey, MD; Shaun A. Nguyen, MD, MA; M. Boyd Gillespie, MD, MSc

1:42 pm  Treatment of LPR with a Sleep Positioning Device
William S. Tierney, MS; Scott Gabbard, MD; Claudio F. Milstein, PhD; Paul C. Bryson, MD
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenters</th>
</tr>
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<tbody>
<tr>
<td>1:00 pm</td>
<td>Outcomes of Vascularized Osseous Reconstruction for Mandibular ORN</td>
<td>Benjamin J. Greene, MD; Larissa Sweeny, MD; Timothy M. Connolly, MD, FRACS; William R. Carroll, MD; Eben L. Rosenthal, MD</td>
</tr>
<tr>
<td>1:06 pm</td>
<td>Complications of Free Flap Surgery in Relation to Operative Time</td>
<td>Bridget C. Driscoll, MD; Melissa Goslawski; Gretchen DeDiego; Eric Thorpe, MD</td>
</tr>
<tr>
<td>1:12 pm</td>
<td>Management and Outcomes of Failed Free Tissue Transfers</td>
<td>Javier Gonzalez-Castro, MD; Kate E. McCorm; Jessica J. Peck, MD; Daniel P. Ballard; Mark K. Wax, MD</td>
</tr>
<tr>
<td>1:18 pm</td>
<td>Increased Infections with Clindamycin in Free Flap Reconstruction</td>
<td>Christopher D. Pool; Jason I. Kass, MD, PhD; Nadav Nahumi; Mohammed Khan, MD; Lenard Babus; Benjamin Laitman, MS; Brett Miles, DDS, MD</td>
</tr>
<tr>
<td>1:24 pm</td>
<td>Outcomes of Salvage Surgery for Oropharyngeal Cancer</td>
<td>Larissa Sweeny, MD; Eben L. Rosenthal, MD; Lisa Clemons, RN; William R. Carroll, MD</td>
</tr>
<tr>
<td>1:30 pm</td>
<td>Surgical Site Infection Rates Between Pedicled and Free Flap Surgery</td>
<td>Neerav Goyal, MD, MPH; Bharat B. Yarlagadda, MD; Marlene Durand, MD; Daniel G. Deschler, MD</td>
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<tr>
<td>1:36 pm</td>
<td>Rat Model of Mandibular Osteoradionecrosis for Stem Cell Application</td>
<td>Ryan Jackson, MD; Stephen Voss, PhD; Zachary Wilson, MD; Nicholas Remmes, PhD; Paul Stalboerger, PhD; Eric J. Moore, MD; Jeffrey R. Janus, MD</td>
</tr>
<tr>
<td>1:42 pm</td>
<td>The Impact of Sensory Restoration in Hemiglossectomy Reconstruction</td>
<td>Edward J. Doyle; Katelin Sisler; Michael Anne Gratton, PhD; Mark A. Varvares, MD</td>
</tr>
<tr>
<td>1:47 pm</td>
<td>Free Tissue Transfer Reconstruction of Skull Base and Cranial Defects</td>
<td>Ryan Jackson, MD; Terence Zimmermann, MD; Jamie J. Van Gompel, MD; Eric J. Moore, MD; Jeffrey R. Janus, MD; Daniel L. Price, MD</td>
</tr>
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### SCIENTIFIC ORAL PRESENTATIONS

**OTOLOGY AND NEUROTOLOGY POTPOURRI**

KBHCC, East Fork  
Moderators: Alan G. Micco, MD; Rick F. Nelson, MD, PhD

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 pm</td>
<td>Long Term Hearing after Resection of Acoustic Neuroma: A Review</td>
<td>Syed F. Ahsan, MD; Farhan Huq, MD; Michael Seidman, MD</td>
</tr>
<tr>
<td>1:06 pm</td>
<td>QOL in Meniere’s Patients Treated with Migraine Prophylaxis</td>
<td>Yaser Ghavami, MD; Jay Bhatt, MD; Omid Moshtaghi; Jeffery Gu; Kasra Ziai, MD; Harrison W. Lin, MD; Hamid R. Djalilian, MD</td>
</tr>
<tr>
<td>1:12 pm</td>
<td>A Study of Wax Occlusion in a Model of Superior Canal Dehiscence</td>
<td>Song Cheng, MD; Elliott D. Kozin, MD; Aaron K. Remenschneider, MD, MPH; Daniel J. Lee, MD; Heidi Nakajima, MD, PhD</td>
</tr>
<tr>
<td>1:18 pm</td>
<td>A Thin Skull Base Portends Worse Outcomes in Spontaneous CSF Otorrhea</td>
<td>Shawn M. Stevens, MD; Habib Rizk, MD; Wesley R. McIlwain, MD; Paul R. Lambert, MD; Ted A. Meyer, MD, PhD</td>
</tr>
<tr>
<td>1:24 pm</td>
<td>Features of Residual Dizziness After Successful Treatment in BPPV</td>
<td>Salvatore Martellucci, MD; Giulio Pagliuca, MD; Camilla Gallipoli, MD; Chiara Rosato, MD; Ettore Scaini, MD; Veronica Clemenzi; Andrea Gallo, MD, PhD</td>
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<tr>
<td>1:30 pm</td>
<td>Hearing Loss and Vestibular Schwannoma Risk: A Meta-Analysis</td>
<td>Parth V. Shah; Cameron R. Egan; Anand K. Devaiah, MD</td>
</tr>
<tr>
<td>1:36 pm</td>
<td>The Changing Landscape of Vestibular Schwannoma Management</td>
<td>Matthew L. Carlson, MD; Elizabeth B. Habermann, PhD, MPH; Amy E. Wagie, MHA; Colin L. W. Driscoll, MD; Jamie J. Van Gompel, MD; Michael J. Link, MD</td>
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<tr>
<td>1:42 pm</td>
<td>Acoustic Reflex Screening of Conductive Hearing Loss for 3rd Windows</td>
<td>Robert S. Hong, MD, PhD; Christopher Metz, DO; Dennis I. Bojarb, MD; Seilesh Babu, MD; John J. Zappia, MD; Eric W. Sargent, MD; Michael J. Larouve, MD</td>
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<tr>
<td>1:48 PM</td>
<td>Cost Effectiveness in Vestibular Schwannoma Screening</td>
<td>Ksenia A. Aaron, MD; Neil Gildener-Leapman, MD; Sumita Trivedi, MBBS; David R. Reinstadler, MD; Sarah Downing Zimmerman, MS; Geoffrey C. Casazza, MD; Dennis R. Maceri, MD</td>
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<tr>
<td>Time</td>
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<tr>
<td>3:30 pm - 4:30 pm</td>
<td>Adding Laryngeal Reinnervation to Your Practice</td>
<td>KBHCC, Room D160</td>
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<td>3:30 pm - 4:30 pm</td>
<td>Tympanoplasty: Medial Graft versus Lateral Graft</td>
<td>Omni, Fair Park 2</td>
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<tr>
<td>3:30 pm - 4:30 pm</td>
<td>Avoiding Disaster in Thyroid Surgery: 5 Critical Principles</td>
<td>Dallas Ballroom E</td>
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<tr>
<td>3:30 pm - 4:30 pm</td>
<td>Surgical Management of Eustachian Tube Disorders</td>
<td>KBHCC, West Fork</td>
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<tr>
<td>3:30 pm - 4:30 pm</td>
<td>Complementary and Integrative Medicine (CIM)</td>
<td>KBHCC, Room C140</td>
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<td>3:30 pm - 4:30 pm</td>
<td>Mastering the Difficult Septum</td>
<td>KBHCC, Elm Fork</td>
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<td>3:30 pm - 4:30 pm</td>
<td>Contemporary Therapy of Juvenile Respiratory Papillomatosis</td>
<td>KBHCC, Room D161</td>
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<td>3:30 pm - 4:30 pm</td>
<td>Building a Referral Network in Medicine's Changing Times</td>
<td>KBHCC, Room D168</td>
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<td>3:30 pm - 4:30 pm</td>
<td>Pediatric Airway 101</td>
<td>KBHCC, Room D171</td>
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<td>3:30 pm - 4:30 pm</td>
<td>Lasers in Laryngology</td>
<td>Omni, Dallas Ballroom F</td>
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<tr>
<td>3:30 pm - 4:30 pm</td>
<td>Pearls of Dysphagia Management in the Aging Adult</td>
<td>KBHCC, Room C142</td>
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<tr>
<td>3:30 pm - 4:30 pm</td>
<td>Clinical Fundamentals: Integration of Quality and Safety into Otolaryngology</td>
<td>KBHCC, Room D174</td>
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<tr>
<td>3:30 pm - 4:30 pm</td>
<td>Fundamentals of Videostroboscopy</td>
<td>KBHCC, Room D175</td>
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3:30 pm - 5:00 pm

MINISEMINARS

A Comprehensive Approach to Early Stage Oral Cavity Cancer

KBHCC, Ballroom C3

Supported by the Head and Neck Surgery & Oncology Committee

Michael G. Moore, MD (Moderator); Jeremy D. Richmon, MD; Derrick T. Lin, MD; Neal D. Futran, MD, DMD; Harry Quon, MD

AAO-HNSF Clinical Case Study: Septoplasty With or Without Inferior Turbinete Reduction

Omni, Dallas Ballroom D

Joseph Han, MD (Moderator); Scott P. Stringer, MD; Richard M. Rosenfeld, MD, MPH; Timothy S. Lian, MD

Ask the Experts: An Endoscopic Potpourri

KBHCC, Ballroom C4

David W. Kennedy, MD (Moderator); Peter J. Wormald, MD; Peter H. Hwang, MD; James A. Stankiewicz, MD; James N. Palmer, MD; Eugenia M. Vining, MD; S. James Zinreich, MD

Chronic Cough: A Case Based Protocolized Approach

KBHCC, Room D167

Kenneth W. Altman, MD, PhD (Moderator); John H. Krause, MD, PhD, MBA; Amber U. Luong, MD, PhD; Andrew P. Lane, MD; Thomas L. Carroll, MD; Seth H. Dailey, MD

Difficult Nasal Polyposis: Evolving Treatments and Remedies

KBHCC - Ballroom C2

Bradford A. Woodworth, MD (Moderator); Douglas D. Reh, MD; James N. Palmer, MD; Jan Gosepath, MD, PhD

Pearls and Pitfalls in Perioperative Management of the OSA Patient

KBHCC, Room D162

Kenny P. Pang, MD (Moderator); Brian Rotenberg, MD, MPH; B. Tucker Woodson, MD
SUNDAY SCHEDULE

SCIENTIFIC ORAL PRESENTATIONS

HNS HEAD AND NECK SURGERY
KBHCC, Room C141
Moderators: Neil D. Gross, MD; Kanwar S. Kelley, MD, JD

3:30 pm  Efficacy of Elective Neck Dissection in Early Oral Tongue Cancer
Tapan D. Patel, MD; Alejandro Vázquez, MD; Emily Marchiano; Saurin Sanghvi, MD; Jean Anderson Eloy, MD; Soly Baredes, MD; Richard C. Park, MD

3:36 pm  Predictors of Failed Decannulation After Head and Neck Surgery
Andre Isaac, MD; Han Zhang, MD; Jeffrey Harris, MD, MHA, FRCSC; Daniel O’Connell, MD, MSc, FRCSC; Hadi Seikaly, MD, FRCSC

3:42 pm  A Population-Based Analysis of Oral Cavity Cancer in 55,775 Patients
John W. Frederick, MD; Jose Alonso, BS; Maie St. John, MD, PhD

3:48 pm  Surgery After Open Neck Biopsy: p16 Positive Oropharyngeal Cancer
Joseph Zenga, MD; Evan M. Graboyes, MD; Bruce H. Haughey, MBChB, MS; Randal C. Paniello, MD, PhD, MBA; Jason T. Rich, MD; Brian Nussenbaum, MD

3:54 pm  Impact of Nodal Level Distribution on Survival in Oral Cavity Cancers
Emily Marchiano; Tapan D. Patel, MD; George Gorgy; Jean Anderson Eloy, MD; Soly Baredes, MD; Richard C. Park, MD

4:00 pm  Outcomes of Glossectomy With and Without Neck Dissection
Andrew B. Baker; Christopher C. Xiao; Shaun A. Nguyen, MD, MA; Terry A. Day, MD; Eric J. Lentsch, MD

4:06 pm  Prognosis in Myoepithelial Carcinoma of Major Salivary Glands
Christopher C. Xiao; Shai J. White-Gilbertson, PhD; Terry A. Day, MD

4:12 pm  Advanced Stage Oropharyngeal SCC: An Analysis of Survival in the CCR
Brianna N. Harris, MD; D. Gregory Farwell, MD; Arnaud Bewley, MD

4:18 pm  Nodal Yield and Survival in Pathologically Node-Negative Oral Cancer
Aaron J. Lemieux; Sharat Raju, MAS; Ryan K. Orosco, MD; Charles Coffey, MD

4:24 pm  Changes in Treatment Modality for Oropharyngeal Cancer
Michael Deutschmann, MD, FRCSC; Kevin Sykes, PhD, MPH; Kiran Kakarala, MD
4:30 pm Learning Curve of TORS/LP with Respect to Functional Outcome
Jonathan P. Giurintano, MD; Jared J. Tompkins, MD; Sandeep Samant, MD, FRCS

4:36 pm Nodulectomy: Viable Alternative to Extracapsular Dissection?
Caitlin P. McMullen, MD; Richard V. Smith, MD; Thomas J. Ow, MD; Andrew B. Tassler, MD; Bradley Schiff, MD

4:42 pm The Steady Hand Robot: Improving Microvascular Surgery
Allen L. Feng, MD; Kevin Olds; Marcin Balicki; Zaid Ashai; Pranav Lakshminarayanan; Russ Taylor; Jeremy D. Richmon, MD

4:48 pm Timeliness of Treatment for Head and Neck Squamous Cell Carcinoma
Genevieve A. Andrews, MD; Vijay A. Patel; Jonathan Derr, MS; Junjia (Jay) Zhu, PhD

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SUNDAY SCHEDULE

SCIENTIFIC ORAL PRESENTATIONS

LARYNGOLOGY/BRONCHO-ESOPHAGOLOGY
Omni, Trinity Ballroom 1
Moderators: H. Peter Doble II, MD; Suman Golla, MD

3:30 pm Predictors of Survival in Early Stage Laryngeal Cancer
Trisha L. Thompson, MD; Vikas Mehta, MD; Runhua Shi, PhD

3:36 pm Five Year Outcomes of Laryngotracheal Transplant
D. Gregory Farwell, MD; Quang C. Luu, MD; Hilary Brodie, MD, PhD; Martin Birchall, MD; Peter C. Belafsky, MD, PhD, MPH

3:42 pm Feasibility of a Novel Robotic Platform for Laryngeal Surgery
Soham Roy, MD; Ron J. Karni, MD

3:48 pm Predictors of Successful Tracheal Resection and Re-anastomosis
Marianne Abouyared, MD; Zoukaa B. Sargi, MD, MPH; David E. Rosow, MD

3:54 pm HPV-16 and Pathological Characters in Cancer Larynx
Mohammed A. Gomaa, MD

4:00 pm Voice Outcomes After Salvage TLM for Recurrent Laryngeal Cancer
Haley Sibley; Collin Sutton, MD; Daniel Fink, MD; Melda Kunduk, PhD; Mell A. Schexnaildre, MA; Andrew J. McWhorter, MD

4:06 pm Narrow Band Imaging in Endoscopic Larynx Cancer Resection
Karuna Dewan, MD; Merry E. Sebelik, MD

4:12 pm Tracheoesophageal Fistula Length Decreases over Time
Nancy Jiang, MD; Ann Kearney, MA; Edward J. Damrose, MD

4:18 pm PLGA-coated 3D Nerve Conduit Shows Good Compatibility with SC and NSC
Ziwei Yu, MD

4:24 pm Laryngeal Manifestations of Neurofibromatosis
Matthew R. Naunheim, MD, MBA; Scott R. Plotkin, MD, PhD; Ramon A. Franco, MD; Phillip C. Song, MD

4:30 pm Novel Robotic Micromanipulator for Transoral Laser Surgery
Luca Guastini, MD; Nikhil Deshpande; Leonardo De Matos, PhD; Francesco Mora, MD; Giorgio Peretti, MD

4:36 pm Vocal Fold Paralysis After Esophagectomy
Michael J. Loochtan, MD; Daniel Balcarcel; Elizabeth Carroll; Eileen M. Foekking, PhD; Eric J. Thrope, MD; Steven J. Charous, MD
SCIENTIFIC ORAL PRESENTATIONS

ON OTOLOGY/NEUROTOLOGY
KBHCC, East Fork
Moderators: Mark J. Syms, MD; Brian J. McKinnon, MD

3:30 pm  Revision Surgery for the Envoy Esteem Implantable Hearing Aid
Seth Kay, MD

3:36 pm  Five-Year Hearing Results for Esteem Totally Implantable Hearing System
Jack A. Shohet, MD; Eric M. Kraus, MD; Catalano J. Peter, MD; Elizabeth H. Toh, MD

3:42 pm  Role of MAXUM Implant in Patients with Contralateral Cochlear Implant
Ronen Nazarian, MD; Karen Draper, AuD; Jack J. Wazen, MD

3:48 pm  Vagus Nerve Stimulation Paired with Tones for Treatment of Tinnitus
Rich Tyler, PhD; Sven Vanneste, PhD; Christina T. Stocking; Tony Cacace, PhD; Jeff Martin, PhD; Aniruddha Deshpande, PhD

3:54 pm  MRI Safety of a New Generation of an Active Middle Ear Implant
Johannes Schnabl, MD; Astrid Wolf-Magele, MD; Johannes Rosner, MSc; Lena Hirtler, MD; Stefan-Marcel Pok; Georg Mathias Sprinzl, MD

4:00 pm  MRI Safety in Cochlear Implants up to 3 Tesla
Astrid Wolf-Magele, MD; Johannes Schnabl, MD; Johannes Rosner, MSc; Lena Hirtler, MD; Georg Mathias Sprinzl, MD

4:06 pm  Magnetic Resonance of Patients with ABI and CI Without Magnet Removal
Monica Rodriguez-Valero, MD; Simon R.M. Freeman, FRCS; Yogesh Bhatt, MD, FRCS; Scott A. Rutherford, MD, FRCSEd; Andrew King, FRCS; Stavros M. Stivaros, MD, FRCR, PhD; Simon K.W. Lloyd, MD, FRCS

4:12 pm  Cochlear Implant Hearing Preservation in Adults: Medium and Long Term
Monica Rodriguez-Valero, MD; Simon R.M. Freeman, MD, FRCS; Deborah Mawman, MSc; Iain Bruce, MD, FRCS; Kevin Green, MD, FRCS; Simon K.W. Lloyd, MD, FRCS
SUNDAY SCHEDULE

4:18 pm  Long Term Results and Prognostic Factors in Adult Cochlear Implants
Shane Anderson, MD, FRACS; John Dornhoffer, MD; Matthew D. Cox, MD; Page Moore, PhD

4:24 pm  Systematic Review of Pediatric Auditory Brainstem Implant Outcomes
Elliott D. Kozin, MD; Kim Noij; Rosh K. V. Sethi, MD, MPH; Parth V. Shah; Alyson Kaplan; Aaron K. Remenschneider, MD, MPH; Daniel J. Lee, MD

4:30 pm  Cochlear Implantation in Canal Wall Down Mastoid Cavities
Jacob B. Hunter, MD; Shanik Fernando; Marc L. Bennett, MD, MBA; David S. Haynes, MD; George B. Wanna, MD

4:36 pm  Long Term Hearing Preservation with Verified Scala Tympani Insertion
Alex D. Sweeney, MD; Jacob B. Hunter, MD; Matthew L. Carlson, MD; Alejandro Rivas, MD; David S. Haynes, MD; George B. Wanna, MD

ACCESS CME/CE CONFERENCE EVALUATION

There are many ways you can get to this year’s online Annual Meeting & OTO EXPOSM Evaluation:

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- Access the evaluation website on your personal computer, laptop, or smartphone

Evaluations should be completed by October 30, 2015
Download the mobile app or visit www.entnet.org/annual_meeting.
SCIENTIFIC ORAL PRESENTATIONS

PED PEDIATRIC OTOLARYNGOLOGY
Omni, Trinity Ballroom 3
Moderators: Charles A. Elmaraghy, MD; Brian D. Kulbersh, MD

3:30 pm Costs of Imaging Techniques in Evaluation of Pediatric Hearing Loss
Samantha Anne, MD, MS; Samuel J. Trosman, MD; Timothy Haffey, MD; Raj Sindwani, MD; Katie Geelan-Hansen, MD

3:36 pm Endoscopic Management of Congenital Ossicular Fixation
Vivian Zhu; Yann-Fuu Kou, MD; Joe W. Kutz, MD; Brandon Isaacson, MD

Eliot Shearer, MD, PhD; Asitha D. L. Jayawardena, MD, MPH; Richard V. Smith, MD

3:48 pm Evaluation of XPC and LRP2 in Platinum-Induced Ototoxicity
Joseph E. Rothstein, MS; Sam J. Daniel, MD

3:54 pm Pediatric Vestibular Neuritis: Clinical Features and Recovery
Jacob R. Brodsky, MD; Brandon A. Cusick, MBA; Guangwei Zhou

4:00 pm QOL in Pediatric Hearing Loss: A Systematic Review and Meta-Analysis
Lauren T. Roland, MD; Tara Rachakonda, MD; Kayla T. Tran; Caroline Fischer; Dorina Kallogjeri, MD, MPH; Judith E.C. Lieu, MD, MPH

4:06 pm The Assessment of Intellectual Development with CI in Children
Jie Zhang, MD; Fengzhen Zhang; Min Chen, MD; Jinsheng Hao; Yang Yang; Xin Ni, MD

4:12 pm The Proof of Efficacy for Audiological Evaluation in Infants
Luca Mazzocchin, MD; Marco Mandalà, MD, PhD; Giacomo Colletti, MD; Liliana Colletti, PhD; Vittorio Colletti, MD

4:18 pm Value of Audiogram After Tube Placement in Low Risk Pediatric Patients
Conor M. Devine, MD; Grace T. Wu; Samantha Anne, MD, MS; Katie Geelan-Hansen, MD
4:24 pm  A Cost Comparison of Audiometric Testing in the Pediatric Population  
Samuel J. Trosman, MD; Samantha Anne, MD, MS; Katie Geelan-Hansen, MD

4:30 pm  IL-1ra Attenuates Inflammatory Cell Infiltration in Otitis Media  
Brian A. Nguyen; Jun Hung; Kathleen Maguire; Christina Cui; Stephen Wasserman, MD; Allen F. Ryan, PhD

4:36 pm  Predictors of Complicated Pediatric Temporal Bone Fractures  
Jonathan L. Curtis, MPH; Jeremy D. Meier, MD

3:30 pm - 5:30 pm

**INSTRUCTION COURSES**

**Head and Neck Surgery Review Course**  
1405-2  KBHCC, Room D163  
Richard V. Smith, MD; Joseph Scharpf, MD; Bradley Schiff, MD; Liana Puscas, MD

**Advanced Ultrasonography Techniques for the ORL Office**  
1406-2  KBHCC, Room D166  
Urban W. Geisthoff, MD; Lisa A. Orloff, MD; Jens E. Meyer, MD, PhD; Hans J. Welkoborsky, MD, PhD

**Cochlear Implantation and Electrode Insertion Workshop**  
1407-2  Omni, Fair Park 1  
Craig A. Buchman, MD; Bruce J. Gantz, MD; Colin L. W. Driscoll, MD; Oliver F. Adunka, MD; William M. Luxford, MD

**Vocal Fold Injection: Fact, Fiction, and Material Selection**  
1411-2  KBHCC, Ballroom C1  
Clark A. Rosen, MD

**Mastoidectomy for the General Otolaryngologist**  
1413-2  KBHCC, Clear Fork  
Rex S. Haberman, MD

**Gussack Memorial: Avoiding Bad Results in Sinus Surgery**  
1417-2  Omni, Dallas Ballroom G  
Martin J. Citardi, MD; Christopher T. Melroy, MD; Scott M. Graham, MD
### INSTRUCTION COURSES

**4:45 pm - 5:45 pm**

**Preoperative Decision Making in Thyroid Surgery**  
1504-1 Omni, Trinity Ballroom 4  
*Gregory W. Randolph, MD; David L. Steward, MD*

**Osteonecrosis of the Head and Neck: Contemporary Management**  
1508-1 KBHCC, Room D160  
*Neal D. Futran, MD, DMD; D. Gregory Farwell, MD*

**Reoperative Parathyroid Surgery Tips for Success**  
1509-1 Omni, Fair Park 2  
*Ralph P. Tufano, MD, MBA; Phillip K. Pellitteri, DO*

**Contemporary Management of Jugular Paraganglioma**  
1512-1 KBHCC, West Fork  
*James L. Netterville, MD; George B. Wann, MD*

**Can You Fly with That? Your Flying Patients and the FAA**  
1514-1 KBHCC, Room C140  
*David G. Schall, MD, MPH*

**Vexing Oral Cavity Lesions**  
1515-1 KBHCC, Elm Fork  
*Steven J. Wang, MD; Kevin Fung, MD*

**Current Advances in Otitis Media**  
1519-1 KBHCC, Room D161  
*Joseph E. Kerschner, MD*

**Developing a Physician Owned Outpatient Surgery Center**  
1521-1 KBHCC, Room D168  
*Gerard J. Gianoli, MD; Howard K. Herman, MD*

**Early Vocal Fold Cancer: A Practical Guide to TLM Cordectomy**  
1522-1 KBHCC, Room D171  
*Marc J. Remacle, MD, PhD; Abie H. Mendelsohn, MD*

**Evaluation and Management of Swallowing Disorders**  
1523-1 Omni, Dallas Ballroom F  
*Catherine R. Lintzenich, MD*

**Open Rhinoplasty: Arming Novices for Success**  
1524-1 KBHCC, Room C142  
*Edmund A. Pribitkin, MD*

**Clinical Fundamentals: Ethics and Professionalism**  
1525-1 KBHCC, Room D174  
*Roger D. Cole, MD; Andrew G. Shuman, MD; Susan R. Cordes, MD*

**TORS for OSAS: How to Achieve the Best Outcomes**  
1526-1 KBHCC, Room D175  
*Claudio Vicini, MD; Filippo Montevecchi, MD*
MONDAY SCHEDULE

MONDAY
SEPTEMBER 28

DAY-AT-A-GLANCE

AAO-HNS Member Resource Center
7:00 am - 6:00 pm, KBHCC, Lobby D

Women in Otolaryngology Section (WIO) General Assembly
7:30 am - 9:30 am, Omni, Dallas Ballroom BC

Millennium Society Donor Appreciation Lounge
7:00 am - 5:00 pm, KBHCC, Room D221

Poster Presentation Meet and Greet
9:45 am - 10:45 am, KBHCC, Hall C

OTO EXPOSM and Scientific Posters
10:00 am - 5:00 pm, KBHCC, Hall C-E

Masters of Surgery Video Presentations
11:00 am - 12:00 pm, KBHCC, Room C141

Masters of Surgery Video Presentations
1:00 pm - 2:00 pm, KBHCC, Room C141

Board of Governors (BOG) General Assembly
5:00 pm - 7:00 pm, Omni, Dallas Ballroom BC

AAO-HNS Career Fair
6:00 pm - 8:00 pm, Omni, Greenville Avenue & Katy Trail
MINISEMINAR

View from the Editors 2015: Peer Review and the Editorial Process

Omni, Dallas Ballroom DH
Michael G. Stewart, MD, MPH (Moderator); John H. Krouse, MD, PhD, MBA; David W. Kennedy, MD; Ehab Y. N. Hanna, MD; Rakesh Chandra, MD; Dennis H. Kraus, MD; Robert T. Sataloff, MD
MONDAY SCHEDULE

7:30 am - 8:30 am

INSTRUCTION COURSES

Salvage Nasopharyngectomy for RNPC ®
2108-1 KBHCC, Room D160
Sheng-Po Hao, MD

Diagnosis, Treatment and Results in Cochlear Reimplantation ®
2109-1 Omni, Fair Park 2
J. Thomas Roland, MD; Susan B. Waltzman, PhD

Central Compartment Dissection: Why, When, How
2110-1 Omni, Dallas Ballroom E
Avi Khafif, MD

3-D Projected Stereoscopic Anatomy of the Temporal Bone
2113-1 KBHCC, Clear Fork
Michael T. Teixido, MD

Sialendoscopy for Gland Preservation: A Case-Based Approach
2114-1 KBHCC, Room C140
M. Boyd Gillespie, MD, MSc

Chronic Ear Surgical Techniques and Avoiding Complications
2115-1 KBHCC, Elm Fork
Paul R. Lambert, MD; Thomas Zahnert

CRS: Optimizing Surgery for Topical Delivery
2116-1 KBHCC, Ballroom C2
James N. Palmer, MD; Nithin D. Adappa, MD

When Charm School Fails to Improve Satisfaction: Finding a Focus
2117-1 Omni, Dallas Ballroom G
Reginald F. Baugh, MD; David Newhouse, MD, MPH

Avoiding Management Errors of Suspected Head and Neck Tumors
2119-1 KBHCC, Room D161
Kerry D. Olsen, MD; Eric J. Moore, MD

E&M Coding and Documentation for Proper Reimbursement
2121-1 KBHCC, Room D168
Lawrence M. Simon, MD; Richard W. Waguespack, MD

Microbiome and Biofilms in Chronic Sinusitis
2123-1 Omni, Dallas Ballroom F
Peter J. Wormald, MD; Alkis Psaltis, MD, PhD
### MINISEMINARS

**MONDAY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Speakers</th>
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<tbody>
<tr>
<td>7:30 am</td>
<td>AAO-HNSF Clinical Practice Guideline: Otitis Media with Effusion Update</td>
<td>KBHCC, Ballroom C4</td>
<td>Richard M. Rosenfeld, MD, MPH (Moderator); Jennifer J. Shin, MD, MS; Spencer C. Payne, MD; Seth R. Schwartz, MD, MPH</td>
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<td></td>
<td>Endoscopic Ear Surgery: Tips and Pearls</td>
<td>KBHCC, West Fork</td>
<td>Joao F. Nogueira, MD (Moderator); Muaaz Tarabichi, MD; Daniele Marchioni, MD; David Pothier, MD; Livio Presutti, MD; Daniel J. Lee, MD</td>
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<td>Mission Impossible: Patient Satisfaction in a Web-Based Culture</td>
<td>KBHCC, Room D167</td>
<td>C.W. David Chang, MD (Moderator); Steven Y. Park, MD; Richard D. Thrasher, MD; Terry A. Day, MD; Emily F. Boss, MD, MPH</td>
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<td></td>
<td>Peer Review and Issues of Surgical Competence</td>
<td>KBHCC, Room C3</td>
<td>Carl H. Snyderman, MD, MBA (Moderator); VyVy N. Young, MD; Benjamin D. Malkin, MD; Phillip S. LoSavio, MD; Alex J. McKinlay, MD, Michael E. Stadler, MD</td>
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<td>Surgical Management of the Patient with Facial Paralysis</td>
<td>KBHCC, Room C142</td>
<td>Mark K. Wax, MD (Moderator); Eben L. Rosenthal, MD; Fred Fedok, MD; Tom D. Wang, MD</td>
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<td></td>
<td>Take the DISE Challenge!</td>
<td>KBHCC, Room D163</td>
<td>Norman R. Friedman, MD (Moderator); Eric J. Kezirian, MD, MPH; Ryan J. Soose, MD; Edward M. Weaver, MD, MPH</td>
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<td>Thyroid Molecular Testing, Ultrasound, Neuro-Monitoring, and the ATA</td>
<td>KBHCC, Ballroom C1</td>
<td>Robert L. Witt, MD (Moderator); Robert L. Ferris, MD, PhD; Edmund A. Pribitkin, MD; Gregory W. Randolph, MD; David L. Steward, MD</td>
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MONDAY SCHEDULE

SCIENTIFIC ORAL PRESENTATIONS

GO  GENERAL OTOLARYNGOLOGY
Omni, Trinity Ballroom 1
Moderators: Dana M. Thompson, MD, MS; Michael G. Moore, MD

7:30 am  Measuring Key Aspects of Clinician Development
Jennifer J. Shin, MD, MS; Stacey T. Gray, MD;
Kevin S. Emerick, MD; Michael J. Cunningham, MD

7:36 am  Trends in the Incidence of Oropharyngeal Cancers in the US
Christopher S. Hollenbeak, PhD; Laura Enomoto, MD, MS;
Darren V. Bann, MD; David Goldenberg, MD

7:42 am  Validation of a Tracheostomy-Specific Quality of Life Questionnaire
Kristine A. Smith, MD; John Douglas Bosch, MD;
Guy Pelletier, PhD; Marianne Mackenzie; Monica Y. Hoy, MD

7:48 am  Adverse Event Reporting for Proton Pump Inhibitor Therapy
Jason Abramowitz, MD; Punam G. Thakkar, MD; Arton Isa;
Alan A. Truong; Connie Park; Richard M. Rosenfeld, MD, MPH

7:54 am  Error Detection as a Mean to Assess Improvement in a CRM Workshop
Emily Kay-Rivest; Carol Nhan, MD; Sarah Bouhabel, MD; Lily
H.P. Nguyen, MD, MSc, FRCS; Ilana Bank, MD, FRCP

8:00 am  Incidence of Sinus Opacification in the Intensive Care Unit Patient
Phillip A. Huyett, MD; Berrylin J. Ferguson, MD; Eric W. Wang, MD

8:06 am  Ultrasound Aided Sialoendoscopy for Challenging Parotid Stones
Camilla Gallipoli, MD; Salvatore Martellucci, MD;
Giulio Pagliuca, MD; Ferdinando Maria Nobili Benedetti, MD,
PhD; Chiara Rosato, MD; Marco De Vincentiis, MD;
Andrea Gallo, MD, PhD

8:12 am  24-Hour Course of Post-Tonsillectomy Hemorrhage
Sheriza L. Hussain, MS; Michele M. Carr, DDS, MD, PhD

8:18 am  A Systematic Review of Assessments Tools in Otolaryngology Training
Zaid Awad, MD, FRCS, PhD;
Neil S. Tolley, MD, FRCS

8:24 am  Determinants of Quality of RCTs Reporting
Katsiaryna Traore; Yu Qing Huang; Badr Ibrahim, MD; Maida
Sewitch, MSc, PhD; Lily HP. Nguyen, MD, MSc, FRCS

8:30 am  Can Balloon Dilation of the Eustachian Tube Relieve ET Dysfunction?
Vincent F. Honrubia, MD; Katrina D. Zedan, MS-PAS;
Sue Bajus-Musgrove, MSN

8:36 am  Gender Differences in Scientific Presenters and Invited Speakers
Christine B. Franzese, MD; Michael K. Murphy;
Sarah L. Fenno, MPH
SCIENTIFIC ORAL PRESENTATIONS

**HNS** HEAD AND NECK SURGERY - SALIVARY GLAND
KBHCC, Room C141
Moderators: Russell B. Smith, MD; Rohan R. Walvekar, MD

7:30 am  **Sialoendoscopic Intraductal Stone Fragmentation**
Mazhar M. Celikoyar, MD; Aytug Altundag; Erhun Serbetci

7:36 am  **Non-Visualization of Sialoliths During Sialendoscopy**
Lauren Galinat; Joseph Curry, MD; David M. Cognetti, MD

7:42 am  **Endoscopic Salivary Stone Fragmentation with Pneumatic Lithotripsy**
Henry Hoffman, MD; Rohan R. Walvekar, MD; Chad R. Tracy, MD; Jack Kolenda, MD

7:48 am  **Fine Needle Aspiration for Parotid and Submandibular Gland Lesions**
Aaron J. Feinstein, MD, MHS; Jose Alonso; Sung-Eun Yang, MD; Maie St. John, MD, PhD

7:54 am  **The Effect on Symptom Severity After Diagnostic Sialendoscopy**
Li-Jen Hsin, MD; Hsueh-Yu Li, MD; Li-Ang Lee, MD

8:00 am  **Salivary Stone Pneumatic Lithotripsy in a Live Porcine Model**
Rohan R. Walvekar, MD; Henry Hoffman, MD

8:06 am  **The Role of Biopsy in Parapharyngeal Space Pleomorphic Adenomas**
Mara C. Modest, MD; Jeffrey R. Janus, MD; Kathryn M. Van Abel, MD; Eric J. Moore, MD; Kerry D. Olsen, MD

8:18 am  **Parotid Fine-Needle Aspiration: Systematic Review & Meta-Analysis**
C. Carrie Liu, MD; Ashok R. Jethwa, MD; Samir S. Khariwala, MD, MS; Jonas T. Johnson, MD; Jennifer J. Shin, MD, MS

8:24 am  **Intratemporal Facial Nerve Invasion by Advanced Parotid Carcinomas**
Mara C. Modest, MD; Neil S. Patel, MD; Eric J. Moore, MD; Kerry D. Olsen, MD; Jeffrey R. Janus, MD; Matthew L. Carlson, MD

8:30 am  **Nodal Positivity in Parotid Carcinoma**
Anika Kaura, MBBS, MA; Robert Kennedy; Safina Ali; Edward Odell; Richard Oakley

8:36 am  **Regional Nodal Metastasis and Survival in Parotid Gland Malignancies**
Christopher C. Xiao; Shai J. White-Gilbertson, PhD; Terry A. Day, MD
SCIENTIFIC ORAL PRESENTATIONS

MONDAY SCHEDULE

ON OTOLOGY/NEUROTOLOGY - RESEARCH
KBHCC, East Fork
Moderators: Mark J. Syms, MD; Brian J. Mckinnon, MD, MBA

7:30 am  Cell-Based Therapy for Chronic Tympanic Membrane Perforations
Stefania Goncalves, MD; Esperanza Bas, PhD; Anabel Rodriguez; Bradley J. Goldstein, MD, PhD; Simon I. Angeli, MD

7:36 am  Comparison of Hair Cells and Supporting Cells by DeepCAGE Sequencing
Judith S. Kempfle, MD; Shannan J. Ho Sui, PhD; Albert S. Edge

7:42 am  A Pilot Study of the Use of EEG Source Analysis Based rTMS for Tinnitus
Hui Wang

7:48 am  Functional Resonance in Postural Perceptual Persistent Dizziness
Eliane von Söhsten; Roseli S.M. Bittar, MD, PhD; Edson Amaro; Paulo R. Bazan

7:54 am  Intratympanic Steroid on Fractionated Radiation Ototoxicity in Vivo
Si Chen, MD; Christine T. Dinh, MD; Stefania Goncalves, MD; Esperanza Bas, PhD; Fred F. Telischi, MD; Simon I. Angeli, MD; Thomas Van De Water, PhD

8:00 am  TSLP Production in Human Endolymphatic Sac Fibroblasts
Takechiyo Yamada, MD, PhD; Masafumi Sakashita, MD

8:06 am  Role of FcγRI in Macrophage Invasion by Otopathogenic P. Aeruginosa
Christopher V. Lisi, MD; Rahul Mittal, PhD; Xue-Zhong Liu, MD, PhD

8:12 am  Quantitative Proteomics of Vestibular Schwannoma CSF: A Pilot Study
Mohammad Abraham Kazemizadeh Gol, MD; Troy Lund, MD, PhD; Samuel C. Levine, MD; Angela Peng, MD; Meredith E. Adams, MD

8:18 am  Ph2b Efficacy and Safety of Intratympanic OTO-104 in Ménière’s Disease
Paul R. Lambert, MD; John P. Carey, MD; Anthony Mikulec, MD; Carl P. Lebel, PhD

8:24 am  The Summating Potential in Electrocochleography of Cochlear Implant
Pelin Kocdor, MD; Zach Bastian, MD; Craig A. Buchman, MD; Douglas Fitzpatrick, PhD

8:30 am  Cochlear Duct Length Measurement: Clinical Implications
Mark Felton, MD, FRCS; Eyal Schetcher; Neville Wright, MD, FRCA; Kevin Green, MD, FRCS; Iain Bruce, MD, FRCS
SCIENTIFIC ORAL PRESENTATIONS

RA  RHINOLOGY/ALLERGY
Omni, Trinity Ballroom 3
Moderators: John H. Krouse, MD, PhD; Jonathan Y. Ting, MD, MS

7:30 am  Acute Rhinosinusitis: Prescription Patterns in a Real World Setting
Michael S. Benninger, MD; Chantal E. Holy, PhD; Douglas K. Trask, MD, PhD

7:36 am  Culture-directed Topical Antibiotics for Chronic Sinusitis
Victoria S. Lee, MD; Greg E. Davis, MD, MPH

7:42 am  Systematic Review of Perioperative Antibiotics in Skull Base Surgery
Vijay R. Ramakrishnan, MD; Todd T. Kingdom, MD; Anne Getz, MD; Sheri Rosen

7:48 am  Post-surgery Steroid Eluting Bioabsorbable Intranasal Devices
Hassan A. Elhassan, DO; Chantelle Rizan

7:54 am  Balanced Orbital Decompression: Strategies to Optimize Outcomes
William C. Yao, MD; Prashant Yadav, MD; Ahmad R. Sedaghat, MD; Aaron Fay, MD; Ralph B. Metson, MD

8:00 am  Evidence Based Long Term Outcomes of Endoscopic Sinus Surgery
Arthur Wu, MD; Narine Vardanyan, MHA

8:06 am  Exome Sequencing of Nasal Polyps with Chronic Rhinosinusitis
Giant C. Lin, MD; Ralph B. Metson, MD; Aaron D. Tward, MD, PhD

8:12 am  Acute Invasive Fungal Sinusitis: 15-year Experience with 41 Patients
Sakeena J. Payne, MD; Ron Mitzner, MD; Sudhir Kunchala; Eric Schaefer, MS; Lauren T. Roland, MD; Johnathan McGinn, MD

8:18 am  Face Mask Nebulized Antibiotics for Sinusitis in Cystic Fibrosis
Mariah B. Pate, MD; Josh Yelverton, MD; Thomas Holmes; Stilianos E. Kountakis, MD, PhD

8:24 am  Does Personality Have a Role in Causation of Sinonasal Symptoms?
Alexander C. Yao; Naveed Kara, MD, FRCS; Janet A. Wilson, MD, FRCS

8:30 am  Pitfalls and Tips in Management of Traumatic CSF Leaks
Samy S. Elwany, MD

8:36 am  Management of CSF Rhinorrhea & Idiopathic Intracranial Hypertension
Raewyn Campbell, MD, FRACS;Nithin D. Adappa, MD; James N. Palmer, MD; Alexander G. Chiu, MD; Douglas Farquhar, MD; Nina Zhao, MD
MONDAY SCHEDULE

7:30 am - 9:30 am

INSTRUCTION COURSES

**Cochlear Implantation: Emphasis on Hearing Preservation**
2104-2  Omni, Trinity Ballroom 4
Ravi N. Samy, MD; Alexandre Karkas, MD, MSc; Sebastien Schmerber

**Skin Testing for Inhalant and Food Allergies**
2107-2  Omni, Fair Park 1
William R. Reisacher, MD; Cecelia Damask, DO; Amber U. Luong, MD, PhD

**Innovations in Laryngeal Surgery**
2122-2  KBHCC, Room D171
Steven M. Zeitels, MD

**General Otolaryngology Review Course**
2125-2  KBHCC, Room D174
Karen T. Pitman, MD

**Phonosurgery: Laser/Micro Instrumentation Do's and Don’ts**
2126-2  KBHCC, Room D175
Michael S. Benninger, MD; Jean Abitbol, MD

8:45 am - 9:45 am

INSTRUCTION COURSES

**Physician ‘Burnout’: An Increasing Problem for Us All**
2206-1  KBHCC, Room D166
Charles F. Koopmann, MD

**Fiber-Based Lasers in Laryngeal Surgery: Office and OR**
2208-1  KBHCC, Room D160
James A. Burns, MD

**Step by Step to Enhance Practice Productivity, Quality, and Satisfaction**
2209-1  Omni, Fair Park 2
K.J. Lee, MD; Lawrence Gordon, MD; Jerry M. Schreibstein, MD; Gavin Setzen, MD

**Complications of Thyroid Surgery**
2210-1  Omni, Dallas Ballroom E
Ashok R. Shaha, MD
<table>
<thead>
<tr>
<th>Session Title</th>
<th>Location</th>
<th>Speakers</th>
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</thead>
<tbody>
<tr>
<td>A Practical Approach to Assessment of Dizzy Patients</td>
<td>KBHCC, Clear Fork</td>
<td>Steven D. Rauch, MD</td>
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<tr>
<td>Sialendoscopy: Getting Started, Solving Problems</td>
<td>KBHCC, Room C140</td>
<td>Barry M. Schaitkin, MD; Ricardo Carrau, MD; Rohan R. Walvekar, MD</td>
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<tr>
<td>Sublingual Immunotherapy (SLIT): Why and How?</td>
<td>KBHCC, Ballroom C2</td>
<td>Sarah K. Wise, MD; Michael P. Platt</td>
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<td>Modern Mastoid Surgery: New Techniques</td>
<td>Omni, Dallas Ballroom G</td>
<td>Bruce J. Gantz, MD</td>
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<tr>
<td>Management of Airway Obstruction in Neonates</td>
<td>KBHCC, Room D161</td>
<td>David R. White, MD; Christopher Discolo, MD; Sanjay R. Parikh, MD</td>
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<tr>
<td>Errors in Otolaryngology: Where Can We Go Wrong</td>
<td>KBHCC, Room D168</td>
<td>Rahul Shah, MD; Brian Nussenbaum, MD</td>
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<tr>
<td>Powered Endoscopic Dacryocystorhinostomy</td>
<td>Omni, Dallas Ballroom F</td>
<td>Peter J. Wormald; Salil B. Nair, MD</td>
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MINISEMINAR

Ototoxic or Not: Innovations in the Management of Ototoxicity
KBHCC, Elm Fork
Kay W. Chang, MD (Moderator); Alan G. Micco, MD; Alan G. Cheng, MD; Joshua G. Yorgason, MD; Kristin Knight, MS

9:45 am - 10:45 am

ENDOWED LECTURESHP

Cotton-Fitton Endowed Lecture in Pediatric Otolaryngology

Pediatric Otolaryngology: The Value Proposition of Subspeciality Training
KBHCC, Ballroom C4
Marci M. Lesperance, MD
11:00 am - 12:00 pm

INSTRUCTION COURSES

Regeneration Medicine for Inner Ear Diseases
2305-1  KBHCC, Room D163
Juichi Ito, MD, PhD

The Secrets of Successful Canalith Repositioning
2307-1  Omni, Fair Park 1
John C. Li, MD; Gerard J. Gianoli, MD

Recognizing Neurological Voice Problems
2308-1  KBHCC, Room D160
Phillip C. Song, MD

A Comprehensive Review of Reconstructions of the Lips
2309-1  Omni, Fair Park 2
Gregory J. Renner, MD

Controversies in the Management of Thyroid Nodule
2310-1  Omni, Dallas Ballroom E
Ashok R. Shaha, MD

Re-Operative Thyroid and Parathyroid Surgery
2311-1  KBHCC, Ballroom C1
Brendan C. Stack, MD; David L. Steward, MD

Pulsatile Tinnitus: Advances in Diagnosis and Management
2312-1  KBHCC, West Fork
Aristides Sismanis, MD; Daniel H. Coelho, MD

An Evidence-based Approach to Practice Management of Dizzy Patients
2313-1  KBHCC, Clear Fork
David R. Friedland, MD, PhD

Steroids in ORL: Indications, Efficacy, and Safety
2314-1  KBHCC, Room C140
Stacey T. Gray, MD; Eric H. Holdbrook, MD

What If It’s Not Reflux?
2315-1  KBHCC, Elm Fork
Brent E. Richardson, MD

Contemporary Endoscopic Management of Inverted Papilloma
2316-1  KBHCC, Ballroom C2
Pete S. Batra, MD
### Business of Medicine for Residents and Fellows Planning for the Future

2319-1  
KBHCC, Room D161

Lee D. Eisenberg, MD, MPH; Willard B. Moran, MD; Sonya Malekzadeh, MD; Mark K. Wax, MD

### Update in Portable Sleep Testing

2323-1  
Omni, Dallas Ballroom F

B. Tucker Woodson, MD; Stacey L. Ishman, MD, MPH

### Optimizing Outcomes in Nasal Valve Surgery

2324-1  
KBHCC, Room C142

Parul Goyal, MD, MBA; Amar C. Suryadevara, MD

### Clinical Fundamentals: Universal Precautions for the Otolaryngologist

2325-1  
KBHCC, Room D174

Peggy E. Kelley, MD

### Avoiding and Managing Complications in Laryngology

2326-1  
KBHCC, Room D175

VyVy N. Young, MD; Libby J. Smith, DO

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### MASTERS OF SURGERY VIDEO PRESENTATIONS

**KBHCC, Room C141**

- **11:00 am**  
The Submental Flap: Design, Harvest, and Anatomic Limitations  
Urjeet Patel, MD

- **11:08 am**  
CSF Leak Repair of Lateral Sphenoid Defect  
Christopher R. Kieliszak, DO; Esther Kim, MD

- **11:16 am**  
The ABC’s of Rhinophyma Management  
Timothy Lian, MD

- **11:24 am**  
Harvesting the Temporoparietal Fascial Flap  
Timothy Lian, MD

- **11:30 am**  
Resection of Tumors of the Parapharyngeal Space  
James Netterville, MD

- **11:40 am**  
Reconstructive Trans-Oral Laser Microsurgery Solutions for Vocal Fold Paralysis with Airway Limitation  
Paul Castellanos, MD

- **11:48 am**  
Treatment of Vocal Cord Paralysis  
James Netterville, MD
Controversies in Parotid Surgery: Is There Evidence?  
Supported by the Head and Neck Surgery Education Committee  
Omni, Dallas Ballroom D  
Richard V. Smith, MD (Moderator); Carol R. Bradford, MD, MS;  
Bevan Yueh, MD, MPH; Derrick T. Lin, MD; Samir S. Khariwala, MD, MS

Cough: Contemporary Challenges  
KBHCC, Room D171  
Robert J. Stachler, MD (Moderator); Kenneth W. Altman, MD, PhD;  
Jonathan M. Bock, MD; Seth M. Cohen, MD

From Best Evidence to Best Practice: A Primer for Clinicians  
KBHCC, Room D162  
Kara Davis, MD (Moderator); Richard M. Rosenfeld, MD, MPH;  
Robert L. Ferris, MD, PhD; Sujana S. Chandrasekhar, MD; Martin J. Burton, MD

Getting Started: Conquering Challenges in the First Years of Practice  
Supported by the Young Physicians Section  
KBHCC, Room D168  
Jeffrey C. Liu, MD (Moderator); Spencer C. Payne, MD;  
Jamie R. Litvack, MD; Lawrence M. Simon, MD; Daniel C. Chelius, MD

Medical Malpractice in Rhinology: Prevention and Management  
KBHCC, Room D167  
Abtin Tabaee, MD (Moderator); Michael Setzen, MD; Peter H. Hwang, MD; Jean Anderson Eloy, MD; David Conley, MD

Wow! That’s a Lot of Blood: Expert Management of Epistaxis  
KBHCC, Ballroom C4  
David M. Poetker, MD (Moderator); Douglas D. Reh, MD;  
Bradford A. Woodworth, MD; Nathan B. Sautter, MD; Jay F. Piccirillo, MD; Ross Douglas, MD
SCIENTIFIC ORAL PRESENTATIONS

ES

ENDOCRINE SURGERY

Omni, Trinity Ballroom 1
Moderators: Russell B. Smith, MD; Hilliary N. White, MD

11:00 am  RAI Failure and BRAF Mutations in Histologic Variants of PTC
Matthew W. Cooper; Mary Lowery-Nordberg, PhD; Oleksandr Ekshyyan, PhD; Tara Moore-Medlin; Xiaohui Ma, MD; Cerie Ann O. Nathan, MD; Matthew Hefner, MD

11:06 am  Feasibility of Manual Segmentation of 4DCT Parathyroid Imaging
John P. Gleysteen, MD; Daniel S. Brickman, MD; Bronwyn Hamilton

11:12 am  Reoperative Parathyroidectomy: Overly-descended Superior Adenoma
William S. Duke, MD; David J. Terris, MD; Hampton M. Vernon

11:18 am  Robotic Thyroidectomy: Axillary vs Postrauricular Approach
Euisuk Sung, MD; Chang Myeon Song, MD, PhD; Yong Bae Ji, MD, PhD; Boram Yun; Moo Keon Kim, MD; Kyung Toe, MD, PhD

11:24 am  Office Based USGFNA with Molecular Testing for Thyroid Nodules
Jagdish K. Dhingra, MD, FRCS

11:30 am  Clinical Significance of Minimal vs Maximal ETE in PTC
Bong Joon Jin, MD, PhD; Moo Keon Kim, MD; Yong Bae Ji, MD, PhD; Chang Myeon Song, MD, PhD; Kyung Toe, MD, PhD

11:36 am  Post-thyroidectomy Hypocalcemia: Effect of Preop D3
Robert P. Zitsch, MD; Jeffrey B. Jorgensen, MD; Abigail C. McEwan, MD; Gregory J. Renner, MD

11:42 am  Surgeon Interpretation of Nuclear Parathyroid Localization Studies
Jeffrey B. Jorgensen, MD; Robert P. Zitsch, MD; Dana King, MD; Bridget L. Hopewell, MD
MONDAY SCHEDULE

SCIENTIFIC ORAL PRESENTATIONS

LARYNGOLOGY/BRONCHO-ESOPHAGOLOGY

KBHCC, East Fork
Moderators: H. Peter Doble II, MD; Amanda C. Hu, MD

11:00 am  Effect of Treatment for Unilateral Vocal Fold Immobility on Dysphagia
   Daniel Cates, MD; Naren Venkatesan, MD; Maggie Kuhn, MD; Peter C. Belafsky, MD, PhD, MPH

11:06 am  Neural Mechanisms Contributing to Dysphagia in Mouse Models
   Cameron Hinkel; Rishi Sharma, PhD; Mahesh M. Thakkar, PhD; Guiherme N. Desouza, PhD; Teresa E. Lever, PhD

11:12 am  A Mouse Model of Aspiration for Translational Dysphagia Research
   Bridget L. Hopewell, MD; Leslie Ann Farmer-Shock; Brandon Gallemore; Cameron Hinkel; Marlena Szewczyk; Matthew P. Page, MD; Teresa E. Lever, PhD

11:18 am  Comparison of Outcomes in Management of Esophageal Foreign Bodies
   Austin Y. Lin; Brittny N. Tillman, MD; Casey R. Graves, MD; Aaron L. Thatcher, MD; Mark E. Prince, MD

11:24 am  Endoscopic Evaluation of Swallowing in Mouse Models of Dysphagia
   Teresa E. Lever, PhD; Leslie Ann Farmer-Shock; Brandon Gallemore; Cameron Hinkel; Marlena Szewczyk; Bridget L. Hopewell, MD

11:30 am  Vocal Fold Augmentation to Treat Dysphagia in Vocal Fold Hypomotility
   Steven A. Zuniga, MD; Barbara Ebersole, MA; Kathleen Moran, MS; Liane McCarroll, MD; Nausheen Jamal, MD

11:36 am  Multichannel Intraluminal Impedance Dual pH Testing of LPR Symptoms
   Evan C. Cumpston; Joel H. Blumin, MD; Jonathan M. Bock, MD

11:42 am  Oral Corticosteroids for Chronic Cough: A Step in the Algorithm
   Shabnam Ghazizadeh; Ryan K. Meacham, MD; Joshua S. Schindler, MD
SCIENTIFIC ORAL PRESENTATIONS

PED PEDIATRIC OTOLARYNGOLOGY

Omni, Trinity Ballroom 3
Moderators: Samantha Anne, MD; Christopher H. Rassekh, MD

11:00 am  A Review of the Revision Sphinctor Pharyngoplasty
Kathleyn Brandstetter, MD; Karen A. Hawley, MD;  
David R. White, MD

11:06 am  CAD and 3D Printing for Simulation of 
Auricular Reconstruction
Angelique M. Berens, MD; Sharon Newman; Craig Murakami, MD;  
Kathleen C. Sie, MD; David A. Zopf, MD, MS

11:12 am  Dextranomer/Hyaluronic Acid Copolymer Injection in 
Pediatric VPI
Michael A. DeMarcantonio, MD; J. Paul Willging, MD;  
Catherine K. Hart, MD

11:18 am  Laser-Skeeter in Choanal Atresia: 10-year Study  
Prospective study
Riccardo D’Eredita, MD

11:24 am  Malpractice Litigation Outcomes for Cleft Lip and 
Palate Surgery
Grant A. Justin; Scott E. Brietzke, MD, MPH

11:30 am  Outcomes of Endoscopic Radiofrequency Assisted 
Resection of JNA
Eamon J. McLaughlin, MD; Michael J. Cunningham, MD;  
Ken Kazahaya, MD, MBA; Julianna Hsing; Kosuke Kawai;  
Eelam Adil, MD, MBA

11:36 am  Current Management of Congenital Anterior Skull Base 
Encephaloceles
Erika Walsh, MD; Rodney J. Schlosser, MD;  
Bradford A. Woodworth, MD

11:42 am  Quantitative Imaging to Characterize Head and 
Neck Hemangioma
Kashif Mazhar, MD, MS; Shona Burkes, PhD;  
Ravindhra Elluru, MD, PhD; Marty Visscher, PhD
MONDAY SCHEDULE

11:00 am - 12:30 pm

MINISEMINAR

Negotiate, Resonate, and Participate: How to Be Your Own Best Advocate
Omni, Dallas Ballroom G
Evelyne Kalyoussef, MD (Moderator); Michael G. Stewart, MD, MPH; Lee D. Eisenberg, MD, MPH; Sujana S. Chandrasekhar, MD; Carol R. Bradford, MD, MS

1:00 pm - 2:00 pm

INSTRUCTION COURSES

The Unknown Primary Head and Neck Cancer: Treatment Without Gimmicks
2404-1  Omni, Trinity Ballroom 4
Guy J. Petruzzelli, MD, PhD, MBA

Practical Biomechanics for Surgery of Unilateral Fold Paralysis
2405-1  KBHCC, Room D163
Sid Khosla, MD, MS; Mark S. Courey, MD

Chronic Ear Disease: Surgical Decisions and Techniques
2406-1  KBHCC, Room D166
David S. Haynes, MD; George B. Wanna, MD; Alejandro Rivas, MD

Transcanal Endoscopic Ear Surgery
2407-1  Omni, Fair Park 1
Muaaz Tarabichi, MD; Daniele Marchioni, MD

Management of Ballistic and Avulsive Injuries to the Head and Neck
2409-1  Omni, Fair Park 2
Neal D. Futran, MD, DMD; D. Gregory Farwell, MD

Current Management of Oropharyngeal Cancer
2410-1  Omni, Dallas Ballroom E
Bradley Schiff, MD

Laser Therapy in Vascular Anomalies of the Head and Neck
2412-1  KBHCC, West Fork
Gresham T. Richter, MD; Tara L. Rosenberg, MD
Auditory Neuropathy: An Evidence-based Clinical Approach
2413-1  KBHCC, Clear Fork
Christina L. Runge, PhD; David R. Friedland, MD, PhD

The Nasal Valve Primer: Everything You Need to Know
2414-1  KBHCC, Room C140
Grant Gillman, MD

Worldwide Otolaryngology Humanitarian Missions
2415-1  KBHCC, Elm Fork
Drew M. Horlbeck, MD; Mark E. Boston, MD

It’s Not Always Reflux: What Are We Missing!
2417-1  Omni, Dallas Ballroom G
Michael J. Pitman, MD; Jonathan M. Bock, MD, FACS

Adenotonsillar Disease: What Is New?
2418-1  KBHCC, Room D162
Ron B. Mitchell, MD; Kevin Pereira, MD, MS

Management of Pediatric Thyroid Nodules/Cancer
2419-1  KBHCC, Room D161
Ken Kazahaya, MD, MBA; Andrew J. Bauer, MD

Sell Your Practice: Physicians’ Communications and Marketing Toolkit
2420-1  KBHCC, Room D167
Amanda K. Thatcher; Carol R. Bradford, MD, MS

Measuring the Productivity/Success of Your Practice
2421-1  KBHCC, Room D168
Kim Pollock, RN, MBA; Michael Setzen, MD

CRS: New Knowledge of Pathogenesis and Impact on Treatment
2423-1  Omni, Dallas Ballroom F
David W. Kennedy, MD; Elina M. Toskala, MD, PhD

Orbital Trauma: Comprehensive Diagnosis and Treatment
2424-1  KBHCC, Room C142
E. Bradley Strong, MD

Clinical Fundamentals: Treatment of Anaphylaxis
2425-1  KBHCC, Room D174
John H. Krouse, MD, PhD, MBA
MONDAY SCHEDULE

MASTERS OF SURGERY
VIDEO PRESENTATIONS

KBHCC, Room C141

1:00 pm  Transcanal Endoscopic Approach for Attic Cholesteatoma
         Manuela Fina, MD

1:08 pm  Optic Nerve Decompression for Graves Orbitopathy
         Eugene Chang, MD

1:16 pm  Sublingual Gland Sialolithiasis: A Case Series and
         Literature Review
         Lindsay Goodstein, MD; Laren Galinar; Joseph Curry, MD;
         Adam Luginbuhl, MD; David M. Cognetti, MD

1:24 pm  Obstructive Sleep Apnea (OSA): 2015 Updates
         Hesham Elmashad, MD

1:32 pm  Transoral Robotic Surgery
         J. Scott Magnusson, MD

1:40 pm  Shifting Paradigms in the Management of
         Pharyngoesophageal Tumours
         Velda Chow, MD, MS

1:48 pm  Totally Endoscopic Reversal Steps Stapedotomy
         Andrea Gallo, MD; Camilla Gallipoli, MD; Giulio Pagluca, MD;
         Ettore Scaini, MD; Ferdinando Benedetti, MD, PhD;
         Marco De Vincentis, MD
MINISEMINARS

**Evaluation and Treatment of Patients with Complex Dizziness**
KBHCC, Room D160
Seilesh Babu, MD (Moderator); Marc L. Bennett, MD, MBA; James V. Crawford, MD; Bradley W. Kesser, MD

**FESS: Is It Really That Successful—What Should We Tell Our Patients?**
KBHCC, Ballroom C2
Rodney J. Schlosser, MD (Moderator); Zachary Soler, MD; Timothy L. Smith, MD; Luke Rudmik, MD, MSc; Adam DeConde, MD; Jeremiah A. Alt, MD, PhD

**It Is Not Always OSA: Other Common Sleep Problems in Children**
KBHCC, Room D175
Cristina Baldassari, MD (Moderator); Stacey L. Ishman, MD, MPH; Norman R. Friedman, MD; Susan L. Garetz, MD, MS

**Key Surgical Maneuvers During Thyroid and Parathyroid Surgery**
KBHCC, Ballroom C1
Gregory W. Randolph, MD (Moderator); James L. Netterville, MD; Richard Jenshu Wong, MD; Lisa A. Orloff, MD; Moisie L. Shindo, MD; Dennis H. Kraus, MD

**Management of the Difficult Airway: Techniques and Strategies**
KBHCC, Room D171
Alexander T. Hillel, MD (Moderator); Paul C. Bryson, MD; Robert A. Buckmire, MD; Paul W. Flint, MD; C. Gaelyn Garrett, MD

**Management of the Sleep Patient: Pearls and Pitfalls**
KBHCC, Ballroom C3
Alan Kominsky, MD (Moderator); B. Tucker Woodson, MD; Ryan J. Soose, MD; Kathleen Yaremchuk, MD

**New Payment Models: Effects on Otolaryngology Reimbursement**
KBHCC, Ballroom C4
Robert Lorenz, MD, MBA (Moderator); Jane T. Dillon, MD; Drew M. Locandro, MD; Lance A. Manning, MD

**Skin Cancer in the Elderly: Clinical and Ethical Issues**
Omni, Dallas Ballroom D
Susan D. McCammon, MD (Moderator); Kelly M. Malloy, MD; Chaz L. Stucken, MD
MONDAY SCHEDULE

SCIENTIFIC ORAL PRESENTATIONS

BMP  BUSINESS OF MEDICINE/PRACTICE MANAGEMENT
Omni, Trinity Ballroom 1
Moderators: Dole P. Baker Jr., MD; Richard W. Waguespack, MD

1:00 pm  Otolaryngology Consult Service Development at an
Academic Center
Matthew G. Huddle, MD; Nyall R. London, MD, PhD;
C. Matthew Stewart, MD, PhD

1:06 pm  Analyzing Medicare Payments to Otologists
Terence E. Imbery, MD; Brian D. Nicholas, MD;
Parul Goyal, MD, MBA

1:12 pm  Pediatric Adenotonsillectomy Bundled Payment with
Quality Measures
Jessica A. Leslie, MPH; Cassandra Bannos;
Michael J. Cunningham, MD; David W. Roberson, MD

1:18 pm  Electronic Medical Record Implementation and Productivity
Houmehr Hojjat; Yarah M. Haidar, MD;
Yaser Ghavami, MD; Kasra Ziai, MD;
William B. Armstrong, MD; Hamid R. Djalilian, MD

1:24 pm  Costs & Economics of Bone Anchored Hearing Systems:
Systematic Review
Brian J. McKinnon, MD; Laureen P. Cantwell

1:30 pm  Industry Ties in Otolaryngology: Initial Data from the
Sunshine Act
Vinay K. Rathi; Andre Samuel; Saral Mehra, MD, MBA

1:36 pm  Nurse-Led Discharge in a Busy ENT Surgical Unit
Hassan A. Elhassan; Chantelle Rizan; Robert W.J. Mcleod;
Swati Kumar; Amir Farboud, MSc; David Owens, MD, FRCS;
James Heyman, MBBC

1:42 pm  Persistence in Learning Under Stress in
Otolaryngology Training
Eunmi Park; Douglas D. Reh, MD; Brent A. Senior, MD;
Howard W. Francis, MD; Young Jun Kim, MD, PhD;
David W. Eisele, MD
SCIENTIFIC ORAL PRESENTATIONS

HEAD AND NECK SURGERY - BASIC SCIENCE
Omni, Trinity Ballroom 3
Moderators: Emiro Caicedo-Granados, MD; Umamaheswar Duvvuri, MD, PhD

1:00 pm  An Imaging Technology for Intraoperative HNSCC Margin Detection
Irene A. Kim, MD; Jon Mallen-St. Clair, MD, PhD; Maie St. John, MD, PhD

1:06 pm  HPV-16 E7-Seropositivity in HNSCC Compared to Healthy Controls
Tosief Zahoor, MBBS; Victoria L. Green; John Greenman

1:12 pm  Rapamycin With/without Radiation Inhibits Growth of HPV+ SCC
Zao Yang, MD; Arunkumar Anandharaj; Oleksandr Ekshyyan, PhD; Nadia Romero, MS; Brandon Bauerle; Dylan D. Harrell; Cherie Ann O. Nathan, MD

1:18 pm  Construct and Validation of a Fine Needle Aspiration Biopsy Simulator
Mauricio Gonzalez Navarro; Edna Veronica Arrieta Vazquez; Mario S. Davalos Fuentes, MD

1:24 pm  Cyclic Dinucleotide Treatment of Squamous Cell Carcinoma
Shekhar Gadkaree; Rupashree Sen, PhD; Juan Fu, PhD; Clint T. Allen, MD; Young Jun Kim, MD, PhD

1:30 pm  Prognostic Signature Developed via Novel Analysis of Genomic Data
Carol M. Bier-Laning, MD; Shiayin Yang, MD; Michael Zilliox, PhD

1:36 pm  Developing a Tongue Cancer Model Coupled with Bioluminescent Imaging
Marisa Buchakjian, MD, PhD; Michael Henry, PhD

1:42 pm  Tumor Biomarkers as Prognostic Factors in Spindle Cell Carcinoma
Andrew J. Rosko, MD; Andrew C. Birkeland, MD; Kevin F. Wilson, MD; Emily Bellile, MS; Carol R. Bradford, MD, MS; Jonathan McHugh, MD; Matthew E. Spector, MD
MONDAY SCHEDULE

SCIENTIFIC ORAL PRESENTATIONS

ON OTOLOGY/NEUROTOLOGY
KBHCC, East Fork
Moderators: Mark J. Sym, MD; Brandon Isaacson, MD

1:00 pm Defining the MCID in Vestibular Schwannoma Quality-of-Life Measures
Matthew L. Carlson, MD; Øystein Tveiten, MD;
Christine Lohse, MS; Kathleen Yost, PhD;
Morten Lund-Johansen, MD; Michael J. Link, MD

1:06 pm Facial Nerve Outcomes in Geniculate Ganglion Hemangiomas
Michael Oldenburg, MD; Matthew L. Carlson, MD;
Kathryn M. Van Abel, MD; Colin L W. Driscoll, MD;
Michael J. Link, MD

1:12 pm National Outcomes for Neoplasms of the Ear and Lateral Skull Base
Erika Walsh, MD; Thomas Chung, MD; Benjamin McGrew, MD;
Cecelia E. Schmalbach, MD

1:18 pm Nervous Intermedius Symptoms in Patients with Vestibular Schwannoma
Cong Ran, PhD; Katherine Callahan; Kadir Erkmen, MD;
Nathan E. Simmons, MD; James E. Saunders, MD

1:24 pm Tinnitus After Acoustic Neuroma Surgery
Jason R. Bell, MD; Sara J. Anderson-Kim;
Christopher Low; John P. Leonetti, MD

1:36 pm Middle Fossa vs Retrosigmoid Surgery for Acoustic Neuroma: Hearing
Daniel S. Roberts, MD, PhD; Adam M. Cassis, MD;
Marc S. Schwartz, MD; Eric P. Wilkinson, MD

1:42 pm Middle Fossa Repair Outcomes of Traumatic Facial Nerve Paralysis
Richard B. Cannon, MD; Rhett S. Thomson;
Clough Shelton, MD; Richard K. Gurgel, MD
2:15 pm - 3:15 pm

HONORARY GUEST LECTURE

Eugene N. Myers, MD International Lecture on Head and Neck Cancer:
Care and Rehabilitation of Patients Treated for Advanced Laryngeal Cancer
KBHCC, Ballroom C4
Frans J.M. Hilgers, MD, PhD

3:30 pm - 4:30 pm

INSTRUCTION COURSES

Prevention and Management of Complications in Ear Surgery
2508-1 KBHCC, Room D160
Patrick J. Antonelli, MD; Rex S. Haberman, MD

Surgery of the Inferior, Middle, and Superior Turbinates
2509-1 Omni, Fair Park 2
Peter H. Hwang, MD; Richard R. Orlandi, MD

Classification of Cholesteatoma: Surgical Strategy
2510-1 Omni, Dallas Ballroom E
Jose N. Fayad, MD

Balance Problems in the Elderly
2513-1 KBHCC, Clear Fork
Stephen J. Wetmore, MD; David E. Eibling, MD; Kim R. Gottshall, PhD

Pains in the Neck: Treating Globus Pharynges
2514-1 KBHCC, Room C140
Lee M. Akst, MD; Seth H. Dailey, MD

Up-To-Date Management of Recalcitrant Sinonasal Polyposis
2516-1 KBHCC, Ballroom C2
Steven D. Pletcher, MD; Stacey T. Gray, MD

Understanding Clinical Practice Guidelines
2518-1 KBHCC, Room D162
Richard M. Rosenfeld, MD, MPH; Stephanie L. Jones
MONDAY SCHEDULE

Management of Post-Tonsillectomy Pain in Children
2519-1  KBHCC, Room D161
David E. Tunkel, MD; Max M. April, MD

Surgical Rejuvenation of the Aging Forehead and Brow
2524-1  KBHCC, Room C142
Tom D. Wang, MD

Debates in the Management of Neck in Thyroid Cancer
2526-1  KBHCC, Room D175
Ashok R. Shaha, MD

Hot Coding Topics in Otolaryngology 2015
2530-1  KBHCC, Trinity Ballroom 3
Richard W. Waguespack, MD; Kim Pollock, RN, MBA

3:30 pm - 4:30 pm

MINISEMINAR

Strategies to Manage Chemoradiation Associated Dysphagia
KBHCC, Room D168
Nausheen Jamal, MD (Moderator); Dinesh K. Chhetri, MD

Otolaryngology Historical Society (OHS) Meeting and Reception

Monday, September 28, 6:00 pm – 8:00 pm
Omni Dallas Hotel, Trinity Ballroom 4
Join fans of our specialty’s history at the OHS Annual Meeting and reception, for an evening of paper and networking. Tickets can be purchased at registration

Reservations are Required
The ticket deadline is Monday, September 28, at 2:00 pm.
MINISEMINAR

American Thyroid Association Thyroid Nodule Guidelines: What’s New?  
Supported by the Endocrine Surgery Committee  
Omni, Trinity Ballroom 4  
Brendan C. Stack, MD (Moderator); Gregory W. Randolph, MD; David L. Steward, MD; David J. Terris, MD; Ralph P. Tufano, MD, MBA; Robert L. Ferris, MD, PhD; Bryan Haugen, MD

Bilateral Vocal Fold Paralysis: A Fine Balance  
KBHCC, Room D171  
Albert Merati, MD (Moderator); C. Blake Simpson, MD; Clark A. Rosen, MD; Thomas L. Carroll, MD; Paul C. Bryson, MD

Contemporary Treatment of Non-Melanoma Skin Cancer: Beyond Mohs  
Omni, Dallas Ballroom D  
Carol M. Bier-Laning, MD (Moderator); Randal S. Weber, MD; Cecelia E. Schmalbach, MD; Carol R. Bradford, MD, MS

Next Generation Inner Ear Therapies: Coming Soon to a Cochlea Near You  
KBHCC, West Fork  
James E. Saunders, MD (Moderator); Sujana S. Chandrasekhar, MD; William H. Slattery, MD; Michael Hoffer, MD; Andrea Vambutas, MD; Adrien A. Eshraghi, MD, MS

Non-Allergic Rhinitis: Update 2015  
KBHCC, Ballroom C3  
John H. Krouse, MD, PhD, MBA (Moderator); Stephanie Joe, MD; Amber U. Luong, MD, PhD; William R. Reisacher, MD; Elina M. Toskala, MD, PhD
MONDAY SCHEDULE

SCIENTIFIC ORAL PRESENTATIONS

ON OTOLOGY/NEUROTOLOGY
KHBCC, East Fork
Moderators: Betty S. Tsai, MD; Michael D. Seidman, MD

3:30 pm Perioperative Anticoagulant Use During Cochlear Implantation
Jacob B. Hunter, MD; Alex D. Sweeney, MD; Matthew L. Carlson, MD; Nicole M. Tombers, RN; Colin L. W. Driscoll, MD; George B. Wanna, MD; David S. Haynes, MD

3:36 pm Site of Otolithic Dysfunction and Balance Disability-Correlated?
Joshua Gurberg, MD; Warren P. Mullings; Desmond A. Nunez, MD, FRCS

3:42 pm To Evaluate Effect of HBOT on Hearing Outcome in Sudden SNHL Patients
Swati Agrawal, MS

3:48 pm Transdermal Lidocaine as a Treatment for Chronic Subjective Tinnitus
Aaron D. Robinson, MD; Daniel O’Brien; Rodney C. Diaz, MD

3:54 pm Amblyaudia: Review of Presentation and Management of a New Diagnosis
Alison Kaplan; Elliott D. Kozin, MD; Aaron K. Remenschneider, MD, MPH; David H. Jung, MD, PhD; Daniel Polley, PhD; Daniel J. Lee, MD

4:00 pm Personality Characteristics Associated with Chronic Tinnitus
Samantha Mucci; Luciana Geocze; Ektor T. Onishi, MD; Norma de Oliveira Penido, MD

4:06 pm Long-Term Outcomes of Titanium Ossiculoplasty
Brendan P. O’Connell, MD; Habib Rizk, MD; Shaun A. Nguyen, MD, MA; Paul R. Lambert, MD

4:12 pm Otitis Media Susceptibility Variants and Middle Ear Microbial Shifts
Regie Lyn P. Santos-Cortez, MD, PhD

4:18 pm Outcomes of Primary and Revision Pediatric ABI Surgery
Sidharth V. Puram, MD, PhD; Parth V. Shah; Barbara Herrmann, PhD; Ann-Christine Duhaime, MD; Frederick G. Barker, MD; Daniel J. Lee, MD

4:24 pm Cartilage T-Tube Tympanoplasty: Results with Updated Audiology
David M. Souza, DO; Andleeb Khan, MD; Todd A. Hillman, MD; Douglas A. Chen, MD

4:30 pm Hearing Impairment and Anxiety in Older Adults
Kevin J. Contrera, MPH; Josh Betz, MS; Eleanor Simonsick, PhD; Elizabeth Helzner, PhD; Suzanne Satterfield, MD, DPH, MPH; Janet S. Choi, MPH; Frank R. Lin, MD, PhD

4:36 pm Pediatric Endoscopic Cholesteatoma Surgery
Jacob B. Hunter, MD; Alex D. Sweeney, MD; M. Geraldine Zuniga, MD; Kristin Stevens; Alejandro Rivas, MD
SCIENTIFIC ORAL PRESENTATIONS

**PED PEDIATRIC OTOLARYNGOLOGY**

**Omni, Trinity Ballroom 1**

Moderators: Stacy L. Ishman, MD; Alan G. Cheng, MD

3:30 pm  Efficacy of Ciprofloxacin Thermosensitive Gel in Peds Getting Tubes
Albert H. Park, MD; Eric A. Mair, MD; Jonathan Moss, MD; Carl P. Lebel, PhD

3:36 pm  Atmospheric Temperature and Pediatric Tonsillectomy Complications
Steven S. Hamilton, MD; Neil Bhattacharyya, MD

3:42 pm  Caregiver Perception of Pain Control Following Adenotonsillectomy
Justin C. Sowder, MD; Jeremy D. Meier, MD

3:48 pm  Implementation of a Pediatric Post-Tonsillectomy Pain Protocol
Lauren J. Luk, MD; Carol J. MacArthur, MD; Anna H. Grosz, MD

3:54 pm  Intraop IV Acetaminophen and Pain Following Pediatric Tonsillectomy
Shivani Shah-Becker, MD; Christopher Roberts; Jonathan Derr, MS; Khaled Sedeek, MD; Michele M. Carr, DDS, MD, PhD

4:00 pm  Medical Treatment of Adenoid Hypertrophy with Mometasone Nasal Spray
Firas M. Hassan

4:06 pm  Transoral Robotic Surgery for Sleep Apnea in Children: Is It Effective
Prasad J. Thottam, DO; Umanaheswar Duvvuri, MD; Deepak Mehta, MD, FRCS

4:12 pm  Dissolvable “On-Command” Tympanostomy Tube: A Proof-of-Concept
Johnny P. Mai, MD; Brian K. Reilly; Matthieu F. Dumont, PhD

4:18 pm  Ear Tubes Without General Anesthesia in Children: Use of Nitrous Oxide
Shelag A. Cofer, MD; Kumar Belani, MS; Chandra Castro, MD; Abby C. Meyer, MD; Frank L. Rimell, MD, MSc; Leal Segura, MD; Daniel Yoon, MD, MBA

4:24 pm  Otic Quinolones Associated with Tympanic Membrane Perforations
Adel Alrwisan, MSc; Almut G. Winterstein, RPh, PhD; Patrick J. Antonelli, MD

4:30 pm  Practice Variation in Tympanostomy Tubes Children
David Witsell, MD, MHS; Mirabelle Sajisevi, MD; Kristine Schulz, MPH; Debara L. Tucci, MD

4:36 pm  Topical Lidocaine Mediated Analgesia in Pediatric PET Placement
Simon K. Wright, MD, PhD; Eytan Young, MD; Matthew Hayden; Kenadie Wicks; Ryan Sabotin; Madison Fung
MONDAY SCHEDULE

SCIENTIFIC ORAL PRESENTATIONS

RA  RHINOLOGY/ALLERGY
KBBCC, Room C141
Moderators: H. Peter Doble II, MD; Ayesha N. Khalid, MD

3:30 pm  Pharmacologic Treatment for Post-infectious Olfactory Dysfunction
Lucas Harless, MD; Jonathan Liang, MD

3:36 pm  A Novel Method to Restore the Sense of Smell
Daniel H. Coelho, MD; Richard M. Costanzo, PhD

3:42 pm  Inhibition of Inflammation-Associated Olfactory Loss by Etanercept
Yong Gi Jung, MD, PhD; Andrew P. Lane, MD

3:48 pm  Severity of Sinusitis Symptoms Correlate with Tobacco Smoke Exposure
Rodney J. Taylor, MD, MPH; Jeffrey S. Wolf, MD

3:54 pm  Association of Gastroesophageal Reflux with Sinonasal Symptoms
Stewart Leason, MD; Henry P. Barham, MD; Anna Knisely, MD; Jenna Christensen, BSc, PhD; Ray Sacks, MD; Janet Rimmer, MD, FRACP; Richard J. Harvey, MD, PhD

4:00 pm  A New Technology for the Diagnosis of Chronic Maxillary Sinusitis
Carolyn A. Coughlan, MD; Joon You, PhD; James Kim; Haotian Cui, MS; Naveen D. Bhandarkar, MD; Albert Cerussi, PhD; Sean Y. Ison

4:06 pm  Management Strategies for Skull Base Inverted Papilloma
Jessica W. Grayson, MD; Sunny Khichi, MD; Do-Yeong Cho, MD; Kristen Riley, MD; Bradford A. Woodworth, MD

4:12 pm  Outcomes of Skull Base Reconstruction with Nasoseptal Flap
Elisa A. Illing, MD; Kristen Riley, MD; Bradford A. Woodworth, MD

4:18 pm  Use of Imaging for Sinus Complaints in United States Emergency Rooms
Rosh K. V. Sethi, MD, MPH; Elliott D. Kozin, MD; Matthew R. Naunheim, MD, MBA; Ahmad R. Sedaghat, MD; Mark G. Shriime, MD, MPH; Stacey T. Gray, MD

4:24 pm  Endoscopic Medialization Middle Turbinoplasty
Elie E. Rebeiz, MD; Mihaela Smith

4:30 pm  Endoscopic Sinus Surgery and Adenoidectomy in Pediatric Patients
Hassan H. Ramadan, MD, MS; Chantal E. Holy, PhD

4:36 pm  Tobacco Smoke Exposure and Eustachian Tube Disorders in US Children
David Meneg, MD, MPH; Esther Garcia-Esquinas, MD, MPH, PhD; Ana Navas-Acien, MD, PhD; Yuri Agrawal, MD; Sandra Y. Lin, MD
3:30 pm - 5:30 pm

INSTRUCTION COURSES

**Endoscopic Management of the Pediatric Airway**  
2505-2  KBHCC, Room D163  
Charles M. Bower, MD; Gresham T. Richter, MD;  
Daniel J. Kirse, MD; Steven E. Sobol, MD

**Vestibular Syndromes: A Practical Guide to Management**  
2506-2  KBHCC, Room D166  
Simon I. Angeli, MD

**Endoscopic and Open Approaches the Anterior Skull Base**  
2511-2  KBHCC, Ballroom C1  
Ehab Y. N. Hanna, MD

**Office-Based Procedures for Modern Otolaryngology**  
2515-2  KBHCC, Elm Fork  
Yosef P. Krespi, MD; Michael J. Pitman, MD;  
Karen A. Wilson, MSN, RN

**Tumors of the Infra-Temporal Fossa & Management of Vascular Injuries**  
2517-2  Omni, Dallas Ballroom G  
Peter J. Wormald, MD; Simon Robinson, MD;  
Rowan Valentine, MD, FRACS

**Sinonasal Malignancy: What Every Practitioner Should Know in 2015**  
2520-2  KBHCC, Room D167  
Anand K. Devaiah, MD; Ivan H. El-sayed, MD;  
Arnau Benet-Cabero, MD

**Professional Singers: The Science and Art of Clinical Care**  
2523-2  Omni, Dallas Ballroom F  
Robert T. Sataloff, MD

**Pediatric Otolaryngology Review Course**  
2525-2  KBHCC, Room D174  
Jeffrey P. Simons, MD; Kenny Chan; Cristina Baldassari, MD;  
Matthew T. Brigger, MD, MPH
INSTRUCTION COURSES

4:45 pm - 5:45 pm

Sublingual Immunotherapy: A Simple Protocol for ENT Practitioners
2608-1 KBHCC, Room D160
Diego Saporta, MD

Evidence-based Approach to Endoscopic Skull Base Surgery
2609-1 Omni, Fair Park 2
Rodney J. Schlosser, MD; Bradford A. Woodworth, MD

Management of Septal Perforations
2610-1 Omni, Dallas Ballroom E
Stephen F. Bansberg, MD

BPPV Management: Lateral, Posterior, and Conversions
2613-1 KBHCC, Clear Fork
Judith A. White, MD,PhD

PET in Otolaryngology: When, Where, Why, and How
2614-1 KBHCC, Room C140
D. Gregory Farwell, MD; Quang C. Luu, MD

Cochlear Implantation of Obstructed and Malformed Cochleae
2616-1 KBHCC, Ballroom C2
J. Thomas Roland, MD; Daniel H. Coelho, MD

Newborn Hearing Screen: What Can the Otolaryngologist Do?
2618-1 KBHCC, Room D162
David Chi, MD; Albert H. Park, M.D.

Otitis Media 2015: An Evidence-based Update
2619-1 KBHCC, Room D161
Craig S. Derkay, MD; Cristina Baldassari, MD

Post-Treatment Surveillance and Imaging in Head & Neck SCC
2621-1 KBHCC, Room D168
Mark K. Wax, MD; Eben L. Rosenthal, MD

Understanding Olfactory Disorders
2624-1 KBHCC, Room C142
Eric H. Holdbrook, MD; Donald A. Leopold, MD

Evidence-Based Management of Invasive Thyroid Cancer
2626-1 KBHCC, Room D175
Joseph Scharpf, MD; Brian B. Burkey, MD

ATA 2015 Guidelines and Papillary Cancer Nodes
2630-1 Omni, Trinity Ballroom 3
Gregory W. Randolph, MD
Residents are not eligible to apply. Previous G-I-N or Cochrane Scholar recipients may apply if three years have passed and all of their prior obligations were met. Applicants must be members of the AAO-HNS.

Questions? Contact Lorraine Nnacheta
Innacheta@entnet.org or 703-535-3751
TUESDAY SCHEDULE

TUESDAY
SEPTEMBER 29

DAY-AT-A-GLANCE

AAO-HNS Member Resource Center
7:00 am - 6:00 pm, KBHCC, Lobby D

Section for Residents and Fellows-in-Training (SRF) General Assembly
7:30 am - 9:30 am, Omni, Dallas Ballroom BC

Millennium Society Donor Appreciation Lounge
7:00 am - 5:00 pm, KBHCC, Room D221

OTO EXPO™ and Scientific Posters
10:00 am - 5:00 pm, KBHCC, Hall C-E

Young Physicians Section (YPS) General Assembly
3:30 pm - 5:30 pm, Omni, Dallas Ballroom BC

Alumni Receptions
6:30 pm - 8:00 pm, Omni, Dallas Foyer

International Reception (by invitation only)
8:00 pm - 10:00 pm, Omni, Trinity Ballroom 1-3
Tuesday, September 29, 3:30 pm – 5:30 pm
Omni Dallas Hotel, Dallas Ballroom BC

This inaugural event will feature a presentation delivered by Robert Glazer, Chief Executive Officer, ENT and Allergy Associates, LLP. He will speak to the intricacies of practice management focusing on four important aspects that are most relevant and compelling for all our physicians and young associates who have just joined us.

The four areas are:
- Governance
- Financial Reporting/ Clinical Reporting
- IT/EMR
- Marketing

Presentations from YPS leaders and the election of new officers will also take place.
# TUESDAY SCHEDULE

## INSTRUCTION COURSES

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Course Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:30 am - 8:30 am</td>
<td></td>
<td><strong>Common Causes of Hoarseness That Are Commonly Missed</strong></td>
<td>Jacob P. Noordzij, MD; Seth M. Cohen, MD</td>
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<tr>
<td>3103-1</td>
<td>Omni, Dallas Ballroom D</td>
<td><strong>Facial Plastic Surgery Review Course</strong></td>
<td>Randall Jordan, MD; Mahdi A. Shkoukani, MD; John J. Chi, MD; Robert W. Dolan, MD</td>
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<tr>
<td>3104-1</td>
<td>Omni, Trinity Ballroom 4</td>
<td><strong>Bone-Anchored Implants: Patient Selection and Surgical Technique</strong></td>
<td>Fred F. Telischi, MD; Hillary Snapp, PhD</td>
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<tr>
<td>3107-1</td>
<td>Omni, Fair Park 1</td>
<td><strong>Exostoses Surgery: Tips and Tricks for a Systematic Approach</strong></td>
<td>Joao-Carlos Lopes Simoes Paco, MD; Diogo O. Carmo</td>
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<tr>
<td>3109-1</td>
<td>Omni, Fair Park 2</td>
<td><strong>Pediatric OSA: An Evidence-based Approach</strong></td>
<td>Ron B. Mitchell, MD; Norman R. Friedman, MD</td>
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<tr>
<td>3110-1</td>
<td>Omni, Dallas Ballroom E</td>
<td><strong>Intratympanic Pharmacotherapy for Inner Ear Disorders</strong></td>
<td>Lorne S. Parnes, MD; Sumit K. Agrawal, MD</td>
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<tr>
<td>3113-1</td>
<td>KBHCC, Clear Fork</td>
<td><strong>FDG-PET for Head and Neck Cancer: Pearls and Pitfalls</strong></td>
<td>Russell B. Smith, MD; Richard Jenshu Wong, MD</td>
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## MINISEMINARs

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<th>Time</th>
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<th>Course Title</th>
<th>Speaker(s)</th>
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<td></td>
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<td><strong>Start to Finish: Management of CRS</strong></td>
<td>Joseph Han, MD (Moderator); Eric H. Holdbrook, MD; Pete S. Batra, MD; Rakesh Chandra, MD; Raj Sindwani, MD; Alexander G. Chiu, MD</td>
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<tr>
<td></td>
<td>KBHCC, Ballroom C3</td>
<td><strong>Temporal Bone Radiology: Beyond the Basics</strong></td>
<td>Ashkan Monfared, MD (Moderator); M. Reza Taheri, MD, PhD; Robert Jackler, MD; Nicholas H. Blevins, MD; Richard K. Gurgel, MD</td>
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MINISEMINARS

Dynamic Airway Obstruction: The Latest and Greatest in Management
KBHCC, Ballroom C4
Stacey L. Halum, MD (Moderator); Stacey L. Ishman, MD, MPH; Donna Lundy, PhD; Scott Rickert, MD; Alexander T. Hillel, MD; Sid Khosla, MD, MS

Global Otolaryngology 2015: Our Academy Around the World
KBHCC, Room C140
James E. Saunders, MD (Moderator); Milan Profant, MD, PhD; Tzu-Yu Hsiao, MD, PhD; Edwin T. Liyombo, MD; Jackie L. Clark, PhD; Steven L. Goudy, MD; Paul R. Krakovitz, MD

New Techniques in Pediatric Otolaryngology: A Video Forum
KBHCC, Room D162
Sanjay R. Parikh, MD (Moderator); Soham Roy, MD; Carlton Zdanski, MD; Michael J. Rutter, MD, FRACS; David R. White, MD; Steven L. Goudy, MD; Paul R. Krakovitz, MD

Physicians’ Guide to Media Challenges from Both Sides of the Camera
KBHCC, Room D168
Anna M. Pou, MD (Moderator); Nancy L. Snyderman, MD; Richard Simmons, JD; Daniel W. Nuss, MD

Sialendoscopy: The Beginner’s Guide to Success
KBHCC, Ballroom C1
Gordon J. Siegel, MD (Moderator); David W. Eisele, MD; Barry M. Schaitkin, MD; Michael H. Fritsch, MD; Francis Marchal, MD

The Role of Advanced Practice Providers in Otolaryngology
KBHCC, Room D167
Kristi Gidley, (Moderator); Scott P. Stringer, MD; Jerry M. Schreibstein, MD; Marie T. Gilbert; April Hunt, NP

Tinnitus: Lessons Learned from Combat and Service
KBHCC, West Fork
Michael Hoffer, MD (Moderator); Mark Packer, MD; James A. Henry, PhD; Jeffrey D. Lewine, PhD; Abraham Shulman, MD; Lynn W. Henselman, PhD

Topical Therapy for Chronic Rhinosinusitis: Snake Oil or Cure?
KBHCC, Ballroom C2
Greg E. Davis, MD, MPH (Moderator); Peter J. Wormald, MD; James N. Palmer, MD; Bradford A. Woodworth, MD

Will the Real Laryngitis Please Stand Up?
KBHCC, Elm Fork
Clark A. Rosen, MD (Moderator); Mark S. Courey, MD; C. Blake Simpson, MD; Albert Merati, MD; Michael M. Johns, MD
TUESDAY SCHEDULE

SCIENTIFIC ORAL PRESENTATIONS

HEAD AND NECK SURGERY

KBHCC, Room C141

Moderators: Urjeet Patel, MD; Blake Golden, MD

7:30 am  Lymph Node Drainage Patterns for Head and Neck Cutaneous Malignancy
Francis X. Creighton, MD; Kevin S. Emerick, MD

7:36 am  Impact of PET/CT on Staging and Treatment in Advanced Head and Neck SCC
Jeffrey B. Jorgensen, MD; Robert P. Zitsch, MD; Russell B. Smith, MD; Oleg N. Militsakh, MD; William C. Spanos, MD; Bevan Yueh, MD, MPH

7:42 am  Comorbidities Predict 1yr Survival After Surgical Salvage for HNSCC
Jeehong Kim; William G. Albergotti, MD; Phillip A. Choi; Daniel J. Kaplan; Jonas T. Johnson, MD; Neil Gildener-Leapman, MD; Seungwon Kim, MD

7:48 am  Impairment After Neck Dissection and Adjuvant Therapy
Michael E. Stadler, MD; Jason Liu; Tara Mencias, MD; Becky L. Massey, MD; Bruce Campbell, MD; Sarah Eickmeyer, MD

7:54 am  Recurrent Sinonasal Malignancy Salvage Surgery Prognosticators
Daniel J. Kaplan; Jeehong Kim; Carl H. Snyderman, MD, MBA

8:00 am  Smoking Cessation and Electronic Cigarette Use in H&N Cancer Patients
Erin J. Partington, MD; Nicholas McQueen; Kathleen Harrington, PhD, MPH; Eben L. Rosenthal, MD; William R. Carroll, MD; Cecelia E. Schmalbach, MD

8:06 am  Impact of Extracapsular Spread in Cutaneous Squamous Cell Carcinoma
Serena A. Byrd, MD; Ronald J. Walker, MD; Mark A. Varvares, MD

8:12 am  Sentinel Lymph Node Biopsy Utilization and Outcomes for HNSCC
Aaron J. Feinstein, MD, MHS; Abie H. Mendelsohn, MD

8:18 am  Weight Gain and Increased Mortality in Head and Neck Cancer Patients
Robert W. Eppsteiner, MD; Lucy H. Karnell, PhD; Nitin A. Pagedar, MD, MPH

8:24 am  Head and Neck Desmoplastic Melanoma: Utility of Sentinel Node Biopsy
John R. Sims, MD; Daniel L. Price, MD

8:30 am  Octreotide Scintigraphy of Neuroendocrine Tumors: An Update
Phi Ho; Andrew Rivera, MD; Ralph Abi-Hachem, MD; Jason Leibowitz, MD

8:36 am  Plasmacytoma of the Head and Neck: A Meta-Analysis
Aaron J. Feinstein, MD, MHS; Michael Zaki; Maie St. John, MD, PhD
SCIENTIFIC ORAL PRESENTATIONS

LBE LARYNGOLOGY/BRONCHO-ESOPHAGOLOGY
KBHCC, East Fork

Moderators: Amanda C. Hu, MD; Richard K. McHugh, MD, PhD

7:30 am  A Human In Vitro Model of the Subglottic Airway
Jason Powell; James P. Garnett, PhD; Bernard Verdon, PhD;
Janet A. Wilson, MD, FRCS; Jeff Pearson, PhD; Chris Ward, PhD

7:36 am  Microendoscopy of Reinke’s Space, for Treatment of
Vocal Fold Scar
Joo Hyun Woo, PhD; Susan Thibeault, PhD; Henry Hoffman,
MD; Suzanne N. King, PhD; Seth H. Dailey, MD; Sarah Wang

7:42 am  Surgery for Unilateral Vocal Fold Paralysis with
Airway Obstruction
Paul F. Castellanos, MD; Manjunath Krishniaah

7:48 am  Voice Rehabilitation After Total Laryngectomy by TTS
Synthesis
Barbora Repova, MD; Jan Romportl, PhD; Jan Betka, MD, PhD

7:54 am  Micronized Alloderm in Vocal Fold Paralysis: One Year Results
Stephen C. Hernandez, MD; Haley Sibley; Daniel Fink, MD;
Andrew J. McWhorter, MD; Melda Kunduk, PhD

8:00 am  A New Challenge of Laryngotraceoplasty with T-tube as
Day Surgery
Zainab A. Bakhsh; Khalil S. Sendi, MD, FRCSC

8:06 am  Do Upper Airway Symptoms Predict Gastroesophageal
Malignancy?
Jason Powell; Mike Drinnan, PhD;
Mary Doona, BSc; Janet A. Wilson, MD, FRCS

8:12 am  Epidermoid Vocal Cysts, Pocket Sulci and Mucosal Bridges
Niv Mor, MD; Christopher G. Tang, MD; Sedef Everest, MD;
Andrew Blitzer, MD

8:18 am  Inpatient Injection Laryngoplasty: When Is It Really Necessary?
Steven A. Zuniga, MD; Barbara Ebersole, MA;
Kathleen Moran, MS; Liane McCarroll, MS;
Nausheen Jamal, MD

8:24 am  Treatment of Severe Tracheomalacia with 3D-Printed
Tracheal Splint
Robert J. Morrison, MD; Khaled N. Kashlan;
S. Adam Hacking, PhD; Leigh Ayres; Richard G. Ohye, MD;
Scott J. Hollister, PhD; Glenn E. Green, MD

8:30 am  Anesthetic-Dependent Air Flow and Vocal-Fold
Motion in the Rat
Anthony P. Alessi, MD; Eli Lazar; Ayush Sutaria;
Denny Varughese; Joshua Silverman, MD, PhD;
Krishnamurthi Sundaram, MD; Richard Kollmar, PhD

8:36 am  Thyroplasty Type I in Previously Irradiated Patients
David E. Rosow, MD; Mohammad H. Al-Bar, MD
SCIENTIFIC ORAL PRESENTATIONS

On: OTOLOGY/NEUROTOLOGY - VESTIBULAR

KBHCC, Trinity Ballroom 1
Moderators: Alan G. Micco, MD; Abraham Jacob, MD

7:30 am  Creation of a “Dehiscence Prosthesis” for Semicircular Canal Repair
Elliott D. Kozin, MD; Aaron K. Remenschneider, MD, MPH; Song Cheng, MD; Heidi Nakajima, MD, PhD; Daniel J. Lee, MD

7:36 am  Meniere’s Disease CHEER Database Study of Regional Practice Patterns
Matthew G. Crowson, MD; Kristine Schulz, MPH; Debara L. Tucci, MD; Alan W. Langman, MD; Walter T. Lee, MD

7:42 am  Menière’s Disease: Which Role for the Video-Head Impulse Test?
Augusto Pietro. Casani, MD; Elena Navari; Stefano Sellari-Franceschin, MD, PhD; Niccolò Cerchiai

7:48 am  Monothermal Caloric Screening Test Accuracy: A Systematic Review
Meredith E. Adams, MD; Steven A. Telian, MD, MS; Mary Butler, PhD; Robert L. Kane, MD

7:54 am  Positional Nystagmus Is Not Always BPPV: New Biaxial Chair Data
Camilla Martens, MD; Fredrik Nordfalk, MD; Frederik Goplen, MD, PhD; Stein Helge Glad Nordahl, MD, PhD

8:00 am  Assessing Vision and Postural Sway Using the D+R Iphone App
Shahiba Begum; Theofano Tikka, MD, MSc; Rahul Kanegaonkar, MD, FRCS

8:06 am  Utricular Dysfunction
Rosemary B. Ojo; Erin Ong; Alan Shamrock; Hillary Snapp, PhD; Simon I. Angeli, MD

8:12 am  Racial Differences of Pigmentation in the Human Vestibular Organs
Isaac D. Erbele, MD; Frank R. Lin, MD, PhD; Yuri Agrawal, MD; Howard W. Francis, MD; John P. Carey, MD; Wade Chien, MD

8:18 am  Systematic Review of Diuretics in the Management of Meniere’s Disease
Matthew G. Crowson, MD; Aniruddha U. Patki, MD; Debara L. Tucci, MD

8:24 am  Tegmen Thickness in Patients with SSCD or Spontaneous CSF Leak
Habib Rizk, MD; Shawn M. Stevens, MD; Paul R. Lambert, MD; Ted A. Meyer, MD, PhD

8:30 am  Lateral Skull Base Thinning in Spontaneous Anterior Fossa CSF Leaks
Brendan P. O’Connell, MD; Christopher C. Xiao; Shawn M. Stevens, MD; Shaun A. Nguyen, MD, MA; Ted A. Meyer, MD, PhD; Rodney J. Schlosser, MD

8:36 am  4-Hour Post Gadolinium MRI for Detection of Endolymphatic Hydrops
Ariel B. Grobman, MD; Rita Bhatia, MD.; Simon I. Angeli, MD
SCIENTIFIC ORAL PRESENTATIONS

PED PEDIATRIC OTOLARYNGOLOGY
Omni, Trinity Ballroom 3
Moderators: Dana M. Thompson, MD, MS; Charles A. Elmaraghy, MD

7:30 am A Pediatric Decannulation Protocol: Outcomes of a 10-year Experience
Nicholas Wirtz, MD; Robert J. Tibesar, MD; Timothy Lander, MD; James D. Sidman, MD

7:36 am Airway Complications in Long-Term Tracheostomy Dependent Children
Lyndy J. Wilcox, MD; Michael K. Murphy; Cristina Baldassari, MD

7:42 am Endoscopic Surgery for Infants with Stridor and FTT or Dysphagia
Jeffrey Cheng, MD; Lee P. Smith, MD

7:48 am Financial and Health Impacts of Multidisciplinary Aerodigestive Care
Margaret L. Skinner, MD; Seohee K. Lee; J. Michael. Collaco, MD, MPH; Maureen A. Lefton-Greif, PhD; Karla Au Yeung, MD; Jeannine Hoch, MA

7:54 am Growth Curves in Children After Supraglottoplasty
John R. Neiner, MD; Anil Gungor, MD

8:00 am Outcomes and Multi-Disciplinary Management of Type I Laryngeal Cleft
Kristine Day, MD; Brian Kulbersh, MD

8:06 am Teaching a Tracheotomy Handoff Tool to Pediatric First Responders
Katherine Kavanagh, MD; Tulio Valdez, MD; Nicole Murray, MD; Amy L. Hughes, MD

8:12 am The Role of Laryngotraheal Reconstruction for Recurrent Croup
Bianca Siegel, MD; Deepak Mehta, MD, FRCS

8:18 am Health Burden of Laryngomalacia
Romaine F. Johnson, MD; Ron B. Mitchell, MD; Christopher Clark, MD; Ananya Majumder, MD

8:24 am Vocal Cord Dysfunction and Dysphagia After Pediatric Cardiac Surgery
Geoffrey P. Aaron, MD; Nicholas J. Smith, MD

8:30 am Effects of Graft Mismatch on Laryngotraheal Reconstruction
Jordan M. Virbalas, MD; Derek Wu; John P. Bent, MD

8:36 am Pediatric Dysphagia Assessment Tools: A Systematic Review
Charles M. Myer, MD; Rebecca J. Howell, MD; J. Paul Willging, MD; Stacey L. Ishman, MD, MPH
INSTRUCTION COURSES

7:30 am - 9:30 am

Surgical Decision-Making in Cholesteatoma

3106-2  KBHCC, Room D166
Eric E. Smouha, MD; Dennis I. Bojrab, MD; Barry E. Hirsch, MD; Simon C. Parisier, MD

Frontal Surgery: Systematic Approach and Execution

3108-2  KBHCC, Room D160
Devyani Lal, MD; Peter H. Hwang, MD

Rhinology and Allergy Review Course

3117-2  Omni, Dallas Ballroom G
Brent A. Senior, MD; Stacey T. Gray, MD

The Actor and Singer as Patients of the Laryngologist

3122-2  KBHCC, Room D171
Robert T. Sataloff, MD; Michael S. Benninger, MD; William Riley

Update 2015: Surgery of the Palate for OSA and Snoring

3123-2  Omni, Dallas Ballroom F
B. Tucker Woodson, MD; Kenny P. Pang, MD; Brian Rotenberg, MD, MPH

Cleft Lip and Palate Surgery for Residents

3124-2  KBHCC, Room C142
Tom D. Wang, MD; Myriam Loyo

Laryngology/Bronchoesophagology Review Course

3125-2  KBHCC, Room D174
Catherine R. Lintzenich, MD; Lee M. Akst, MD; James A. Burns, MD; Ronda Alexander, MD

H & N Melanoma: Achieving Clarity amongst the Controversy

3126-2  KBHCC, Room D175
Cecelia E. Schmalbach, MD; Carol R. Bradford, MD, MS
8:45 am - 9:45 am

INSTRUCTION COURSES

Endoscopic Cranial Base Resection for Sinonasal Malignancy
3203-1 Omni, Dallas Ballroom D
Carl H. Snyderman, MD, MBA; Eric W. Wang, MD

Diagnosis and Management of Sinonasal Papillomas
3205-1 KBHCC, Room D163
Marilene B. Wang, MD; Jivianne T. Lee, MD; Jeffrey D. Suh, MD

Managing Radiation Effects on the Ear and Temporal Bone
3209-1 Omni, Fair Park 2
Paul W. Gidley, MD

Finding the Hidden Parathyroid Adenoma
3210-1 Omni, Dallas Ballroom E
Eric M. Genden, MD

Invasive Inner Ear Surgery in 3D
3213-1 KBHCC, Clear Fork
Lorne S. Parnes, MD; Sumit K. Agrawal, MD

Recurrent Respiratory Papillomas: Update 2015
3219-1 KBHCC, Room D161
Craig S. Derkay, MD; Paolo Campisi, MD

9:45 am - 10:45 am

HONORARY GUEST LECTURE

Howard P. House, MD Memorial Lecture for Advances in Otology

Modern Otology: A Nexus of Surgery, Neuroscience and Biotechnology
KBHCC, Ballroom C4
Konstantina M. Stankovic, MD, PhD
TUESDAY SCHEDULE

10:45 am - 12:00 pm

SCIENTIFIC ORAL PRESENTATIONS

BMP BUSINESS OF MEDICINE/PRACTICE MANAGEMENT
KBHCC, Room C141
Moderators: Dole P. Baker Jr., MD; William R. Blythe, MD

10:45 am  Does the Press Ganey Correlate to Online Health Grades?
Timothy P. Ryan, MD; Jessica L. Specht, MD; John M. DelGaudio, MD

10:51 am  Fellowship Choice and Otolaryngology Training Exam Scores
Ibukun Akinboyewa; Cristina Cabrera-Muffly, MD

10:58 am  Quality Improvement Using Lean and the CAHPS Surgical Care Survey
Nancy Jiang, MD; Benjamin D. Malkin, MD

11:04 am  Insurance Status Correlates with Compliance in Employed ENT Practice
Brett Comer, MD; Thomas J. Gal, MD, MPH; Allyson Hughes

11:22 am  Measuring Performance in Cochlear Implant Centers
Peter M. Vila, MD, MSPH; Timothy E. Hullar, MD; Judith E C. Lieu, MD, MPH; Craig A. Buchman, MD

11:28 am  Variability of Ratings in ENT Standardized Letter of Recommendation
Alan Kominsky, MD; Paul C. Bryson, MD; Michael S. Benninger, MD

11:52 am  Geographic Distribution of Board Certified Otolaryngologists
Thad Vickery; Cristina Cabrera-Muffly, MD
11:00 am - 12:00 pm

INSTRUCTION COURSES

Techniques in Cartilage Tympanoplasty
3306-1 KBHCC, Room D166
John Dornhoffer, MD; Konrad Schwager, MD

Tinnitus Update: Treatment Strategies
3307-1 Omni, Fair Park 1
Michael J. Larouere, MD; John J. Zappia, MD

Surgical Management of Sinonasal Neoplasms
3308-1 KBHCC, Room D160
Devyan Lal, MD; Jean Anderson Eloy, MD

Temporal Bone Cancer
3309-1 Omni, Fair Park 2
Paul W. Gidley, MD

HPV: What the Practicing Clinician Should Know
3310-1 Omni, Dallas Ballroom E
Eric M. Genden, MD

Supraclavicular Flap Reconstruction in the Head and Neck
3311-1 KBHCC, Ballroom C1
Daniel Deschler, MD; Kevin S. Emerick, MD

Diagnosis and Management of Spontaneous CSF Fistula
3312-1 KBHCC, West Fork
Joe W. Kutz, MD; Pete S. Batra, MD

Management of Cholesteatoma of the Middle Ear
3313-1 KBHCC, Clear Fork
Olivier Sterkers, MD, PhD

Improving Outcomes in Septal Surgery
3314-1 KBHCC, Room C140
Grant Gillman, MD

Ear Pressure and Pain
3315-1 KBHCC, Elm Fork
William H. Slattery, MD; Eric P. Wilkinson, MD

AERD in Nasal Polyposis: A Modern Protocol for Diagnosis and Treatment
3316-1 KBHCC, Ballroom C2
Jan Gosepath, MD, PhD; Kai Fruth, MD, PhD
TUESDAY SCHEDULE

Fess Failures: Pearls and Suggestions
3317-1 Omni, Dallas Ballroom G
Noam A. Cohen, MD, PhD; Vijay R. Ramakrishnan, MD; Jeffrey D. Suh, MD

Modern Laryngeal Cancer Management: A Critical Look
3318-1 KBHCC, Room D162
Alain N. Sabri, MD, MPH; Kerry D. Olsen, MD

Top Tips in Pediatric Tympanomastoid Surgery
3319-1 KBHCC, Room D161
Adrian L. James, MD, FRCS; Blake C. Papsin, MD, FRCSC

How to Review a Journal Manuscript
3321-1 KBHCC, Room D168
Richard M. Rosenfeld, MD, MPH; John H. Krouse, MD, PhD, MBA

Laryngeal Surgery for General Otolaryngologists: Pearls and Pitfalls
3322-1 KBHCC, Room D171
Lee M. Akst, MD; Michael J. Pitman, MD

Tongue Base Surgery in Sleep Apnea
3323-1 Omni, Dallas Ballroom F
Brian Rotenberg, MD, MPH; Kenny P. Pang, MD; B. Tucker Woodson, MD; Claudio Vicini, MD;

Reconstruction and Reanimation After Parotid Tumor Surgery
3324-1 KBHCC, Room C142
Steven J. Wang, MD; Kevin Fung, MD

Clinical Documentation Improvement in Otolaryngology
3325-1 KBHCC, Room D174
Kim Pollock, RN, MBA

Making Sense of Globus
3326-1 KBHCC, Room D175
Albert Merati, MD; Robbi A. Kupfer, MD
MINISEMINARS

Catastrophic Tracheostomy Airway Events: Experiences and Solutions  ❖
Omni, Dallas Ballroom D
Brian Nussenbaum, MD (Moderator); Mimi S. Kokoska, MD; Ron B. Mitchell, MD; David W. Roberson, MD

Current Treatment of Lymphatic Malformations  ❖
KBHCC, Room D163
Charles A. Hughes, MD, MBA, MPH (Moderator); Jonathan A. Perkins, DO; Ravindra Elluru, MD, PhD; Anthony E. Magit, MD

Global Perspectives on Thyroid Microcarcinoma  ❖
Omni, Trinity Ballroom 4
Michael C. Singer, MD (Moderator); David J. Terris, MD; Ralph P. Tufano, MD, MBA; Claudia R. Cernea, MD, PhD; Venkat R. Srinivasan, MD, FRCS; Kyung Tae, MD, PhD

Pediatric Snoring and Mild Obstructive Sleep Apnea: What to Do?  ❖
KBHCC, Ballroom C4
Scott E. Brietzke, MD, MPH (Moderator); Cristina Baldassari, MD; Stacey L. Ishman, MD, MPH; Ron B. Mitchell, MD

Kay Bailey Hutchison Convention Center and Omni Dallas Hotel’s Free WiFi Network
Password: OTODallas
TUESDAY SCHEDULE

SCIENTIFIC ORAL PRESENTATIONS

LBE  LARYNGOLOGY/BRONCHO-ESOPHAGOLOGY
KBHCC, East Fork
Moderators: Doug K. Trask, MD; Alexander T. Hillel, MD

11:00 am  Comparative Study: Slide Tracheoplasty vs T-Terminal Tracheoplasty
Omar G. Mar-Yañez; Matsuharu Akaki-Caballero, MD; Paulina Andrade Lozano

11:06 am  In Vivo Tissue Engineered Vocal Fold Cover Layer Replacement
Travis L. Shiba, MD; Dinesh K. Chhetri, MD; Jennifer L. Long, MD, PhD

11:12 am  Eosinophilic Esophagitis: Prevalence and Concurrent Atopic Disease
Michael S. Benninger, MD; Madeleine P. Strohl; Chantal E. Holy, PhD; Paul C. Bryson, MD; Andrea L. Hanick

11:18 am  Outcome Clustering Following Treatment of Spasmodic Dysphonia
Neel K. Bhatt, MD; Dorina Kallogjeri, MD, MPH; Andrea M. Park, MD; Joel Perlmutter, MD; Randal C. Paniello, MD, PhD, MBA

11:24 am  Botulinum Toxin in Non-Responsive Patients with Spasmodic Dysphonia
Niv Mor, MD; Christopher G. Tang, MD; Andrew Blitzer, MD

11:30 am  Improving the Utility of Laryngeal Sensory Testing
Teresa E. Lever, PhD; Bridget L. Hopewell, MD; Leslie Ann Farmer-Shock; Cameron Hinkel; Marlena Szewczyk; Mitchell Allen; Matthew P. Page, MD

11:36 am  Classification of Laryngeal Hyperadduction
Christopher G. Tang, MD; Niv Mor, MD; Andrew Blitzer, MD

11:42 am  Variable Patterns of Laryngeal Innervation and Dysfunction
Marlena Szewczyk; Luke Small, MD; Bridget L. Hopewell, MD; Cameron Hinkel; Aaron S. Thiessen, MD; Matthew P. Page, MD; Teresa E. Lever, PhD
SCIENTIFIC ORAL PRESENTATIONS

RA RHINOLOGY/ALLERGY
Omni, Trinity Ballroom 1
Moderators: H. Peter Doble II, MD; Zara M. Patel, MD

11:00 am  Inequality in Delivery of Sinus Surgery in the Medicaid Population
Troy Woodard, MD; Chantal E. Holy, PhD; Ashleigh Halderman, MD

11:06 am  Causes for 30-day Readmission Following Transsphenoidal Surgery
Brian L. Hendricks, MD; Tasneem A. Shikary, MD; Lee A. Zimmer, MD, PhD

11:12 am  A Prospective Registry to Evaluate Sinonasal Malignancy
Daniel M. Beswick, MD; Michael Kaplan, MD; Nancy J. Fischbein, MD; Wendy Hara, MD; Dimitrios Colevas, MD; F. C. Holsinger, MD; Peter H. Hwang, MD

11:18 am  Primary Rabbit Nasal Epithelial Cultures for Studies of Sinusitis
Brian P. Sullivan, MD; Do-Yeon Cho, MD; Bradford A. Woodworth, MD

11:24 am  Sinonasal Undifferentiated Carcinoma: A Population Based Analysis
Edward C. Kuan, MD, MBA; Armin Arshi; Jon Mallen-St. Clair, MD, PhD; Bobby A. Tajudeen, MD; Elliot Abemayor, MD, PhD; Maie St. John, MD, PhD

11:30 am  Sinonasal Small Cell Neuroendocrine Carcinoma: A Systematic Review
Alexander Rivero, MD; Jonathan Liang, MD

11:36 am  Ciliary Motility After Radiofrequency Turbinate Reduction
Chiara Rosato, MD; Giulio Pagliuca, MD; Salvatore Martellucci, MD; Camilla Gallipoli, MD; Ettore Scaini, MD; Marco De Vincentiis, MD; Andrea Gallo, MD, PhD

11:42 am  Impact of Middle vs. Inferior Turbinectomy on Nasal Aerodynamics
Anupriya Dayal; John S. Rhee, MD, MPH; Guilherme Garcia, PhD
TUESDAY SCHEDULE

SCIENTIFIC ORAL PRESENTATIONS

SM  SLEEP MEDICINE
Omni, Trinity Ballroom 3
Moderators: Phillip A. Harris, MD; Kanwar S. Kelley, MD, JD

11:00 am  Maxillomandibular Advancement: Is It a Palate Surgery?
Stanley Yung-Chuan Liu, MD, DDS; Robson Capasso, MD;
Leh-Kiong Huon, MD; Carlos A. Torre, MD;
Hyunjie Grace Cho; Tomonori Iwasaki, DDS, PhD

11:06 am  Minimally Invasive Multilevel Surgery for OSAHS
Hsin-Ching Lin, MD; Michael Friedman, MD;
Hsueh-Wen Chang; Michelle S. Hwang

11:12 am  National Institutes of Health Funding for Obstructive Sleep Apnea
Christopher J. Gouveia, MD; Hannan A. Qureshi, MD;
Stephanie Smith, MD

11:18 am  OSA Treatment History in an Upper Airway Stimulation Trial Cohort
Ryan J. Soose, MD; Tapan A. Padhya, MD; M.
Boyd Gillespie, MD, MSc; Oleg Froymovich, MD;
Ho-sheng Lin, MD; B. Tucker Woodson, MD

11:24 am  Pediatric OSA: Demographic Predictors of Severity
Brian Scott; Ron B. Mitchell, MD; Romaine F. Johnson, MD

11:30 am  TORS vs. Endoscopic Partial Midline Glossectomy for OSA
David Folk, MD; Mark A. D’Agostino, MD

11:36 am  Upper Airway Stimulation and PSG Outcomes: Early Results of One Center
Ryan J. Soose, MD; David Kent, MD; Patrick J. Strollo, MD

11:42 am  Uvulopalatopharyngoplasty: Does Multilevel Surgery Increase Risk?
Andrew B. Baker; Christopher C. Xiao;
Brendan P. O’Connell, MD; M. Boyd Gillespie, MD, MSc
MINISEMINARS

Board of Governor’s Hot Topic 2015: Practicing Otolaryngology in 2025
KBHCC, Room D167
Sanjay R. Parikh, MD (Moderator); Kathleen Yaremchuk, MD; James C. Denny III, MD; Robert H. Miller, MD, MBA

Residency Education Is Changing: Don’t Get Left Behind!
KBHCC, Ballroom C3
Marita S. Teng, MD (Moderator); Anna H. Messner, MD; Stacey T. Gray, MD; Mark K. Wax, MD; Michael Ruckenstein, MD; Sukgi S. Choi, MD; Stephanie Joe, MD

INSTRUCTION COURSES

Review of Pediatric Polysomnography Guidelines
3404-1 Omni, Trinity Ballroom 4
Norman R. Friedman, MD

Sentinel Lymph Node Biopsy for the Management of Oral Cavity Cancer
3405-1 KBHCC, Room D163
Robert P. Zitsch, MD; Richard Jenshu Wong, MD

Diagnostic Evaluation and Management of Acute Facial Palsy
3406-1 Omni, Room D166
Elizabeth H. Toh, MD; Alan G. Micco, MD

Cochlear Implantation in Infants and Children
3407-1 KBHCC, Fair Park 1
Blake C. Papsin, MD, FRCS; Sharon L. Cushing, MD, MSc, FRCS; Adrian L. James, DM, FRCS

Choanal Atresia Repair Today: Options and Cautions
3408-1 KBHCC, Room D160
Udayan K. Shah, MD

Bacteria in the Sinuses: Friend or Foe?
3409-1 Omni, Fair Park 2
Steven D. Pletcher, MD; Andrew N. Goldberg, MD
Hyperparathyroidism Pearls and Pitfalls Work-Up & Management  
3410-1  Omni, Dallas Ballroom E  
David L. Steward, MD; Maisie L. Shindo, MD

Salvage Laryngectomy: Myths, Pitfalls and Reality  
3411-1  KBHCC, Ballroom C1  
Trinitia Y. Cannon, MD

Management of Temporal Bone Trauma  
3413-1  KBHCC, Clear Fork  
Hilary Brodie, MD, Ph.D; Rodney C. Diaz, MD

Evidence Based Diagnosis and Management of CSF Rhinorrhea  
3416-1  KBHCC, Ballroom C2  
Eugenia M. Vining, MD; Stephanie Joe, MD

Oral Cavity Soft Tissue Reconstruction: The Basics  
3417-1  Omni, Dallas Ballroom G  
Steven J. Wang, MD; Kevin Fung, MD

Pediatric Sleep Apnea 2015: An Evidence Based Update  
3418-1  KBHCC, Room D162  
Cristina Baldassari, MD; Stacey L. Ishman, MD, MPH

Voice and Swallowing Complaints in the Elderly: What Could It Be?  
3419-1  KBHCC, Room D161  
Ted Mau, MD, PhD; Lesley F. Childs, MD

Reconstruction of Acquired Auricular Defects  
3421-1  KBHCC, Room D168  
Timothy S. Lian, MD; Fred J. Stucker, MD

Pediatric Sensorineural Hearing Loss Update 2015  
3425-1  KBHCC, Room D174  
Albert H. Park, MD; John Germiller, MD, PhD

Molecular Marker Testing of Thyroid Nodules and Thyroid Cancer 2015  
3426-1  KBHCC, Room D175  
Ralph P. Tufano, MD, MBA; Robert L. Ferris, MD, PhD
MINISEMINARS

114 TUESDAY

1:00 pm - 2:00 pm

Adding Office Based Laryngeal Procedures to Your Practice
KBHCC, Room D171
Richard K. McHugh, MD, PhD (Moderator); Seth H. Dailey, MD; Adam M. Klein, MD; Adam D. Rubin, MD

Meniere’s Disease: New Definitions for a New Age
KBHCC, Room C140
Michael Hoffer, MD (Moderator); Judith A. White, MD, PhD; Jeremy Hornibrook; Eric E. Smouha, MD

No Free Flap, No Problem: How and When to Perform Regional Flaps
KBHCC, Ballroom C3
Supported by the Head and Neck Surgery & Oncology Committee
Christopher E. Fundakowski, MD (Moderator); Neal D. Futran, MD, DMD; Richard E. Hayden, MD; Daniel Deschler, MD; Jeremy D. Richmon, MD

Office Based Surgical Procedures in Rhinology
Omni, Dallas D
Jivianne T. Lee, MD; Joseph Han, MD; Pete H. Hwang, MD; Scott P. Stringer, MD

Protect Your Practice, Protect Yourself, and Protect Your Family
KBHCC, Room D167
Nikhil J. Bhatt, MD (Moderator); K. J. Lee, MD; Lawrence M. Simon, MD; Christine B. Franzese, MD; Kanwar S. Kelley, MD, JD; Steve Church; William Matthes

Vocal Fold Leukoplakia: Controversies in Evaluation and Treatment
KBHCC, Elm Fork
Lee M. Akst, MD (Moderator); Kenneth W. Altman, MD, PhD; James A. Burns, MD; Joseph Califano, MD; Harry Quon, MD; Marc J. Remacle, MD, PhD
TUESDAY SCHEDULE

SCIENTIFIC ORAL PRESENTATIONS

ES ENDOCRINE SURGERY
Omni, Trinity Ballroom 1
Moderators: Cherie-Ann O. Nathan, MD; Liana Puscas, MD

1:00 pm Utility of PET/CT in Detecting Papillary Thyroid Cancer Recurrence
Karam W. Badran, MD; Rachel Mandelbaum, BSc; Ashley Kita, MD; Lyndon O. Gonzalez; Edward C. Kuan, MD, MBA; Miguel Fernando Palma-Diaz, MD; Maie St. John, MD, PhD

1:06 pm Risk Factors of Hypocalcemia After Pediatric Thyroidectomy
Adam Goodale, MD; Vairavan Manickam, MD; David L. Steward, MD; Michael J. Rutter, MD, FRACS

1:12 pm Outpatient Thyroidectomy Is Safe in the Elderly and Super-Elderly
Jamie Segel, MD; William S. Duke, MD; David J. Terris, MD

1:18 pm Diagnosis and Treatment of Children’s Thyroid Nodules
Xin Ni, MD; Jie Zhang, MD

1:24 pm Cosmetic Outcomes After Thyroidectomy: The Patient Perspective
William S. Duke, MD; Katrina Chaung, MD; Sun Jung Oh; amanda Behr, MA; Jennifer Waller, PhD; Jeannie Daniel, MPH; David J. Terris, MD

1:36 pm Pediatric Thyroid Nodules: A Single Center Experience
Jason Trahan, MD; Abhita Reddy; Ricardo Gomez, MD; Pinki K. Prasad, MD, MPH; Anita S. Jeyakumar, MD, MS

1:42 pm Trends in Management of Pediatric Well Differentiated Thyroid Cancer
Adva Buzi, MD; Ken Kazahaya, MD, MBA
### SCIENTIFIC ORAL PRESENTATIONS

**FPRS FACIAL PLASTIC AND RECONSTRUCTIVE SURGERY**  
**KBHCC, East Fork**  
Moderators: H. Peter Doble, II, MD; Taha Z. Shipchandler, MD

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<th>Time</th>
<th>Title</th>
<th>Presenters</th>
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<tr>
<td>1:00 pm</td>
<td>Secondary Free-Flap Reconstruction in Head and Neck Cancer Survivors</td>
<td>Elizabeth E. Cottrill, MD; Ara A. Chalian, MD; Jason G. Newman, MD; Steven B. Cannady, MD</td>
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<td>1:06 pm</td>
<td>Preclinical Design and Simulated Use of Reusable Fibula Cutting Guide</td>
<td>Rachel A. Kominsky; Ara A. Chalian, MD; Jason G. Newman, MD; Steven B. Cannady, MD</td>
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<td>1:12 pm</td>
<td>Microscope versus Loupes in Head and Neck Microvascular Anastomosis</td>
<td>Orly M. Coblens, MD; Steven B. Cannady, MD</td>
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<td>1:18 pm</td>
<td>Paravertebral Nerve Block for Donor Site Pain in Stage I Microtia</td>
<td>Noel Jabbour, MD; Amber Shaffer, PhD</td>
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<td>1:24 pm</td>
<td>Scapular Free Flap Reconstruction of Pharyngoesophageal Defects</td>
<td>Shaum S. Sridharan, MD; Eric J. Lentsch, MD; Terrance A. Day, MD; Judith M. Skoner, MD</td>
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<td>1:30 pm</td>
<td>Submental Island Flap Reconstruction of Facial Defects</td>
<td>Jason E. Thuener, MD; Chad A. Zender, MD</td>
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<td>1:36 pm</td>
<td>Gelatin Simulator for Reconstruction of Facial Defects</td>
<td>Steven R. Taylor, MD; C. W. David Chang, MD</td>
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<td>1:42 pm</td>
<td>Pediatric Oral Electrical Burns: E.D. Visits in the U.S., 1997 – 2012</td>
<td>Lauren Umstattd; C. W. David Chang, MD</td>
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TUESDAY SCHEDULE

SCIENTIFIC ORAL PRESENTATIONS

GO GENERAL OTOLARYNGOLOGY
KBHCC, Room C141
Moderators: Benjamin B. Cable, MD; Kanwar S. Kelley, MD, PhD

1:00 pm  Head and Neck Firearm Injuries in the United States
Romaine F. Johnson, MD; Anthony Sheyn, MD;
Ron B. Mitchell, MD

1:06 pm  Systematic Review of Eligibility and
Outcomes in Tinnitus Trials
Colleen T. Plein, MD; Richard M. Rosenfeld, MD, MPH;
Jonathan Harounian; Rachel Irizarry; George Ferzli, MD;
Elizabeth Floyd, MD; Sarah M. Kidwai

1:12 pm  Surgical Innovation and Translation: A Comparison of
Subspecialties
Jacqueline Greene, MD; Claus-Peter Richter, MD, PhD

1:18 pm  A Study Assessing Visual Outcomes Post Pituitary
Adenoma Surgery
Isma Z. Iqbal; Henry J. Grantham; Claire Hardie; Sean Carrie

1:24 pm  Algorithm for CSF Leaks: Diagnosis and
Endoscopic Management
Paulina Andrade Lozano; Rodrigo Alberto Rodríguez Briseño,
MD; Omar G. Mar-Yañez; Isma Z. Iqbal, DO;
Henry J. Grantham; Claire Hardie; Sean Carrie, FRCS

1:30 pm  Can Balloon Sinuplasty Eliminate Headaches in
Sinusitis Sufferers?
Vincent F. Honrubia, MD; Katrina D. Zedan;
Sue Bajus-Musgrove, MSN

1:36 pm  Canal Wall down Mastoidectomy Outcomes for
Congenital Aural Stenosis
Aida Rezaie; Albert H. Park, MD

1:42 pm  Does the Cottle Maneuver Predict Outcomes
after Septal Surgery
James P. Bonaparte, MD, MSc, FRCSC; Loretta Cheung, BSc
SCIENTIFIC ORAL PRESENTATIONS

HEAD AND NECK SURGERY

Omni, Trinity Ballroom 3
Moderators: Charles A. Elmaraghy, MD; Blake Golden, MD

1:00 pm  Neck Dissection Does Not Add to Morbidity or Mortality of Laryngectomy
Christopher C. Xiao; Andrew B. Baker; Shaun A. Nguyen, MD MA; Terry A. Day, MD; Eric J. Lentsch, MD

1:06 pm  Impact of PNI and LVI Invasions on Survival in Salvage Laryngectomies
Rony K. Aouad, MD; Kyle T. Fletcher, MD; Amanda Wiggins, MS; Emily Van Meter, PhD

1:12 pm  The Role for Elective Neck Dissection During Salvage Laryngectomy
Madana Jeevanandam, MD; Amar Gupta, MD; Andrew Johnson, MD; Vivek-Sagar Patel, MD; Vibhav Sekhsaria, MD; S. Naweed Raza, MD; Ho-sheng Lin, MD; Andrew Johnson, MD

1:18 pm  Endoscopic Laryngopharyngeal Surgery for Laryngopharyngeal Cancer
Ichiro Tateya, MD, PhD; Manabu Muto; Seiji Ishikawa; Yo Kishimoto; Mami Morita; Shigeru Hirano, MD, PhD; Juichi Ito, MD, PhD

1:24 pm  Occult Nodal Disease in Salvage Laryngectomy Patients
Andrew C. Birkeland, MD; Andrew J. Rosko, MD; Andrew G. Shuman, MD; Mark E. Prince, MD; Carol R. Bradford, MD, MS; Jonathan McHugh, MD; Matthew E. Spector, MD

1:30 pm  Quality Initiatives in the Treatment of Laryngeal Cancer
Joshua B. Greene, MD; Steven Chang, MD; Carol M. Lewis, MD; Randal S. Weber, MD

1:36 pm  Survival Impact of Initial Therapy in Patients with T1-T2 Glottic SCCa
George Gorgy; Jacob S. Brady; David Kam; Emily Marchiano; Jean Anderson Eloy, MD; Soly Baredes, MD; Richard C. Park, MD

1:42 pm  Botulinum Toxin Injection for Aphonia Following Total Laryngectomy
Brad W. deSilva, MD; Lauren Bonzelaar, MS; Laura A. Mattrka, MD; L. Arick Forrest, MD
TUESDAY SCHEDULE

1:00 pm - 3:00 pm

INSTRUCTION COURSES

Endoscopic Middle Ear Anatomy
3414-2 KBHCC, West Fork
Daniele Marchioni, MD; Livio Presutti, MD; Muaaz Tarabichi, MD

Chronic Rhinosinusitis in Children
3423-2 Omni, Dallas Ballroom F
Fuad M. Baroody, MD; Hassan H. Ramadan, MD, MS; Mark Gerber, MD

Defect-Based Approach to Reconstruction of Cutaneous Defects
3424-2 KBHCC, Room C142
Jeffrey S. Moyer, MD; Jennifer C. Kim, MD

2:15 pm - 3:15 pm

HONORARY GUEST LECTURE

H. Bryan Neel III MD, PhD, Distinguished Research Lecture

Leading the Biomedical Revolution in Precision Health: How Stanford Medicine Is Developing the Next Generation of Health Care
KBHCC, Ballroom C4
Lloyd B. Minor, MD
**INSTRUCTION COURSES**

3:30 pm - 4:30 pm

### 'Inside Out' Anatomy in Transoral Surgery
- **3510-1** Omni Dallas Hotel; Dallas Ballroom E
  - Michael L. Hinni, MD

### Surgical Management of the Central Neck in Thyroid Cancer
- **3511-1** KBHCC, Ballroom C1
  - Ralph P. Tufano, MD, MBA; David L. Steward, MD

### Mastoid Obliteration Techniques & Results
- **3513-1** KBHCC, Clear Fork
  - John Dornhoffer, MD; Michael B. Gluth, MD

### Frontal Sinus Surgery: Basic and Advanced Technique
- **3517-1** Omni, Dallas Ballroom G
  - Roy R. Casiano, MD; Adam J. Folbe, MD

### Management of Cutaneous Melanoma of the Head and Neck
- **3520-1** KBHCC, Room D167
  - Dennis Kraus, MD

### Neural Monitoring 2015: Continuous Vagal and SLN Monitoring
- **3521-1** KBHCC, Room D168
  - Gregory W. Randolph, MD

### When to Refer for Voice and Swallowing Therapy and What to Expect from It
- **3522-1** KBHCC, Room D171
  - Ted Mau, MD, PhD; Amy L. Hamilton, MA

### Awake Vocal Fold Injection in the Office: When, Why and How
- **3523-1** Omni, Dallas Ballroom F
  - Lucian Sulica, MD

### Non-Surgical Therapy for Obstructive Sleep Apnea
- **3526-1** KBHCC, Room D175
  - Noah S. Siegel, MD; Lee M. Shangold, MD

### The BPPVs That Don’t Get Well
- **3529-1** KBHCC, East Fork
  - Mans Magnusson, MD

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**MINISEMINAR**

### Contemporary Update on Endoscopic Skull Base Surgery
- **KBHCC, Room D163**
  - Iván H. El-sayed, MD (Moderator); Ehab Y. N. Hanna, MD; Marc R. Rosen, MD; Ziv Gil, MD, PhD; Carl H. Snyderman, MD, MBA; Anand K. Deviah, MD; Michael E. Kupferman, MD
TUESDAY SCHEDULE

3:30 pm - 5:00 pm

MINISEMINAR

Atypical Facial Pain: Pearls for the Otolaryngologist
KBHCC, Elm Fork
Chau T. Nguyen, MD (Moderator); Marilene B. Wang, MD; Malcolm B. Taw, MD; James Y. Suen, MD; Adrian M. Agius, MD, PhD

Cranial Nerve Stimulation for OSA: From Protocol to Practice
KBHCC, Room D162
B. Tucker Woodson, MD (Moderator); Ryan J. Soose, MD; Michael Friedman, MD; Clemens Heiser, MD; Kingman Strohl, MD

Food Allergy 2015: State of the Science
KBHCC, Ballroom C3
William R. Reisacher, MD (Moderator); Karen H. Calhoun, MD; Cecelia Damask, DO; Maria C. Veling, MD

My Practice Report Cards: Financial Impact, Public Domain, and AAO-HNSF
Omni, Trinity Ballroom 4
Jennifer J. Shin, MD, MS (Moderator); John H. Krouse, MD, PhD, MBA; Jerry M. Schreibstein, MD; Lisa E. Ishii, MD, MHS; James C. Denneny III, MD

Persistent OSA: An Evidence Based Approach to Treatment
KBHCC, Ballroom C2
Norman R. Friedman, MD (Moderator); Scott E. Brietzke, MD, MPH; Stacey L. Ishman, MD, MPH

Technologic Advances in Facial Trauma and Reconstructive Surgery
KBHCC, Room C142
E Bradley Strong, MD (Moderator); Cecelia E. Schmalbach, MD; Brian Andrews, MD; Mark K. Wax, MD; Travis T. Tollefson, MD, MPH; David Shaye, MD

Tinnitus: The Proven and Not So Proven Therapies
KBHCC, West Fork
Simon I. Angeli, MD (Moderator); Bradley W. Kesser, MD; Daniel M. Zeitler, MD; Adrien A. Eshraghi, MD, MS; Seilesh Babu, MD

What’s New in Managing Chronic Otitis Media?
KBHCC, Ballroom C4
Richard K. Gurgel, MD (Moderator); Dennis I. Bojrab, MD; Eric E. Smouha, MD; Brandon Isaacson, MD; James V. Crawford, MD; George B. Wanna, MD
SCIENTIFIC ORAL PRESENTATIONS

ON OTOLOGY/NEUROTOLOGY
KBHCC, Room C141
Moderators: Brandon Isaacson, MD; Abraham Jacob, MD

3:30 pm  Role of Malleus Relocation Technique in the Surgery of Cholesteatoma
Mohamed Ghonim, MD; Bassem Ashraf, PHD

3:36 pm  Trans-Tympanic Dilation of the Eustachian Tube; A Cadaver Study
Marc R. Dean, MD; Wei-Chieh Chao, MD; Dennis S. Poe, MD, PhD

3:42 pm  Cholesterol Granuloma Formation Secondary to Temporal Bone Surgery
Alex D. Sweeney, MD; L. Mariel Osetinsky, MD; Matthew L. Carlson, MD; Jacob B. Hunter, MD; David S. Haynes, MD

3:48 pm  Factors Leading to Variability in Cochlear Implant Array Position
Nedim Durakovic, MD; Jonathan McLunkin, MD

3:54 pm  Osteomyelitis of the Temporal Bone
Christopher E. De Souza, MS; Rosemarie A. De souza, MD; Jayesh Nissar, MS

4:00 pm  Temporal Bone CT Predicts Feasibility of Endoscopic Ear Surgery
Dunia Abdul-Aziz, MD; Elliott D. Kazin, MD; Parth V. Shah; Aaron K. Remenschneider, MD, MPH; Michael Cohen, MD; Daniel J. Lee, MD

4:06pm  Long-Term Otologic Outcomes in Patients with Cleft Palates
Lindsay B. Sobin, MD; Terence E. Imbery, MD; Sherard A. Tatum, MD; Lindsey Koester; Brian D. Nicholas, MD

4:12 pm  On Demand Intratympanic Gentamicin for Ménière’s Disease
Erika Celis-Aguilar; Alan Burgos-Paez; Lilia M. López-Favela; Cosme Trejo-González

4:18 pm  Practice Patterns in the Treatment of Sudden Hearing Loss
David Witsell, MD, MHS; Tawfiq Khoury; Kristine Schulz, PhD, MPH; Debora L. Tucci, MD

4:24 pm  Surgical and Audiological Outcomes in Endoscopic Stapes Surgery
Jacob B. Hunter, MD; M. Geraldine Zuniga, MD; Julian Al Ramirez Osorio, MD; Jose A. Rivas, MD; Joao F. Nogueira, MD; Alejandra Rivas, MD

4:30 pm  Audiometric Outcomes in Patients with Cleft Palates
Terence E. Imbery, MD; Lindsay B. Sobin, MD; Emily Lopes; Lindsey Koester; Sherard A. Tatum, MD; Brian D. Nicholas, MD
TUESDAY SCHEDULE

4:36 pm  Analytic Hearing Outcome of 501 Primary and Revision Stapedectomies  
Juan A. Chiossone Kerdel, MD, FRCs; Edgar Chiossone Lares, MD; Stefania Goncalves, MD; Eleazar E. Grateron, MD

4:41 pm  CT/DW-MRI Fusion to Detect and Localize Middle Ear Cholesteatoma  
Garrett Locketz; Peter Li, MD; Nancy J. Fischbein, MD; Samantha J. Holdsworth, PhD; Nikolas H. Blevins, MD

SCIENTIFIC ORAL PRESENTATIONS

SM SLEEP MEDICINE  
Omni, Trinity Ballroom 3  
Moderators: Phillip A. Harris, MD; Douglas K. Trask, MD, PhD

3:30 pm  Abnormal Sleep Time and the Risk of Accidental Injury  
Neil Bhattacharyya, MD

3:36 pm  Association Between Sleep Endoscopy and Measures of Sleep Apnea Burden  
Raj C. Dedhia, MD, MS; Edward M. Weaver, MD, MPH

3:42 pm  Coblation Endoscopic Lingual Lightening for Obstructive Sleep Apnea  
Hsu-yu Li, MD; Li-Ang Lee, MD; Eric J. Kezirian, MD, MPH

3:48 pm  Computational Modeling of the Airway for Evaluation of Pediatric OSA  
Sally R. Shott, MD; Goutham Mylavarapu, PhD; Dhananjay R. Subramaniam, MS; Ephraim Gutmark; Robert J. Fleck, MD; Raouf S. Amin, MD; Stacey L. Ishman, MD, MPH

3:54 pm  Development and Testing of OSCE for Obstructive Sleep Apnea  
Stacey L. Ishman, MD, MPH; Ahmed, MD; Nasir Bhatti, MD, MHS

4:00 pm  Drug-Induced Sleep Endoscopy for Upper-Airway Stimulation  
Alexander W. Murphey, MD; Shaun A. Nguyen, MD, MA; Ryan J. Soose, MD; B. Tucker Woodson, MD; Olivier M. Vanderveken, MD, PhD; Nico de Vries, MD; M. Boyd Gillespie, MD, MSc; Adrian Ong, MD

4:06 pm  Effect of Analgesics Regimen on Healthcare Usage After UPPP  
William S. Tierney, MS; Gabriel Gabarain; Alan Kominsky, MD

4:12 pm  Effects of Mouth and Tongue Positions on Upper Airway Dimensions  
Michael Friedman, MD; Anna M. Salapatas; Michelle S. Hwang

4:18 pm  Genioglossus with Genioplasty Advancement Using 3D Virtual Planning  
Stanley Yung-Chuan Liu, MD, DDS; Leh-Kiong Huon, MD; Carlos A. Torre, MD; Robson Capasso, MD
4:24 pm  Impact of CPAP on Airway Collapse in OSA Patients During DISE
Carlos A. Torre, MD; Ethan McKenzie, MD; Vladimir Nekhendzy, MD; Stanley Yung-Chuan Liu, MD, DDS; Robson Capasso, MD

4:30 pm  Impact of Minimally Invasive Multilevel Surgery on Mild/Moderate OSA
Michael Friedman, MD; Anna M. Salapatas; Joshua Bakhsheshian, MS; Michelle S. Hwang

4:36 pm  Investigation into the Presence of HPV in Obstructive Sleep Apnea
Brett J. Baldwin, DO; Dhananjay Chitale, MD; Maria Worsham, PhD; Kathleen Yaremuk, MD

3:30 pm - 5:30 pm

INSTRUCTION COURSES

The Ten-Minute Exam of the Dizzy Patient  
3507-2  Omni, Fair Park 1
Joel A. Goebel, MD

Optimizing EHR’s for the Otolaryngologist  
3508-2  KHBCC, Room D160
James Lin, MD; Joe W. Kutz, MD; Brandon Isaacson, MD

Medicolegal Issues for ENTs: Top 10 Concerns  
3509-2  Omni, Fair Park 2
Winston C. Vaughan, MD; Ankit Patel, MD; Thomas Still, JD

More Than a Headache: Migraine for the Otolaryngologist  
3514-2  KHBCC, Room C140
Michael T. Teixido, MD; John P. Carey, MD

Pediatric Endoscopic Airway Surgery: State of the Art  
3519-2  KHBCC, Room D161
Michael J. Rutter, MD, FRACS; Alessandro De Alarcon, MD, MPH; Catherine K. Hart, MD

Medical and Surgical Decision Making in Refractory Rhinosinusitis  
3525-2  KHBCC, Room D174
Pete S. Batra, MD; Donald C. Lanza, MD; Samer Fakhri, MD
3:30 pm - 5:00 pm

SCIENTIFIC ORAL PRESENTATIONS

PED PEDIATRIC OTOLARYNGOLOGY

KBBHC, Trinity Ballroom 1

Moderators: Charles A. Elmaraghy, MD; Anil Gungor, MD

3:30 pm Characterization of Novel Periodic Fever Phenotypes
Michael D. Puricelli, MD; Christopher I. Newberry; Ryan Neff; Eliav Gov-Ari, MD

3:36 pm Complications of Pediatric Otitis Media
Jennifer Lavin, MD; Thomas Rusher, MS; Rahul Shah, MD

3:42 pm MRSA Colonization Status in Pediatric Head and Neck Abscess Patients
Benjamin D. Bradford, MD; Robin A. Dyleski, MD

3:48 pm Retrospective Review of Pediatric Descending Mediastinitis
Caleb D. Wilson, MD; Kenneth Kennedy; Joshua W. Wood, MD; T.K. Susheel Kumar, MD; Jerome W. Thompson, MD, MBA

3:54 pm Ultrasonography in Diagnosis and Management of Tonsillar Infections
Brian K. Reilly; Diego Preciado, MD, PhD; Michelle Levy; Taylor Fordham, MD; Anjum Bandarkar, MD; Joanna S. Cohen, MD

4:00 pm Sinus CT Imaging in Pediatric Cystic Fibrosis: Added Value?
Ozgul Gergin, MD; Eelam Adil, MD, MBA; Kosuke Kawai; Caroline Robson, MD; Ethan Moritz; Michael J. Cunningham, MD

4:06 pm Treating Pediatric Neck Atypical Mycobacteria: A Systematic Review
Chadi Farah, MD; Rachad Mhaweij, MD; Tony Richa, MD; Simon Bassi, MD

4:12 pm A High-Fat Diet Is Associated with Otitis Media with Effusion
Hyo Geun Choi, MD

4:18 pm A Comparison Study of the Fitbit Activity Monitor and PSG in Children
Beth Osterbauer, MPH; Jeffrey A. Koempel, MD, MBA; Debra Don, MD

4:24 pm Oral Intake in Hospital Post Adenotonsillectomy. What Does It Predict
Richard Vincent, MD; Victor M. Da Costa, MD; Kevin Quinn; Amal Isaiah, MD, PhD

4:30 pm Safety of Ultrasound-Guided Botulinum Toxin Injection in Sialorrhea
Babak Shariat-Madar; Robert H. Chun, MD; Cecille G. Sulman, MD

4:36 pm Predictors of Foreign Body Aspiration in Children
Jeffrey P. Simons, MD; Jacquelyn Sink; Dennis J. Kitsko, DO; Deepak Mehta, MD, FRCS; Matthew Georg
INSTRUCTION COURSES

Laryngectomy in the Era of Chemoradiation
3610-1  Omni, Dallas Ballroom E
Eben L. Rosenthal, MD; William R. Carroll, MD

The HPV Epidemic and Oropharyngeal Cancer
3611-1  KBHCC, Ballroom C1
James W. Rocco, MD, PhD; Derrick T. Lin, MD

Meniere or Migraine: Similarities, Differences, Treatments
3613-1  KBHCC, Clear Fork
Jack J. Wazen, MD; Herbert Silverstein, MD

Hemostasis During Endoscopic Sinus Surgery
3617-1  Omni, Dallas Ballroom G
Carl H. Snyderman, MD, MBA; Harshita Pant, PhD

Non-Melanoma Skin Cancer Concepts and Case Studies
3621-1  KBHCC, Room D168
Brian A. Moore, MD; Matthew M. Hanasono, MD

Case Based Approach to Voice Disorders: Pitfalls and Pearls
3622-1  KBHCC, Room D171
C. Blake Simpson, MD; Clark A. Rosen, MD

Common Errors in Voice Diagnosis: 16 Cases in 60-Minutes
3623-1  Omni, Dallas Ballroom F
Peak Woo, MD

Evidence-Based Otitis Media 2015
3626-1  KBHCC, Room D175
Richard M. Rosenfeld, MD, MPH

The Saddle Nose Deformity
3629-1  KBHCC, East Fork
Waleed H. Ezzat, MD

MINISEMINAR

Technical Pearls in Optimizing Success from Endoscopic Sinus Surgery
4:45 pm - 5:45 pm
Omni, Dallas Ballroom D
Devyani Lal, MD (Moderator); Roy R. Casiano, MD; Rakesh Chandra, MD; Peter H. Hwang, MD; Brent A. Senior, MD; James A. Stankiewicz, MD
WEDNESDAY
SEPTEMBER 30

DAY-AT-A-GLANCE

AAO-HNS Member Resource Center
7:00 am - 12:00 pm, KBHCC, Lobby D

Millennium Society Donor Appreciation Lounge
7:00 am - 12:00 pm, KBHCC, Room D221
INSTRUCTION COURSES

Managing Mucus: Examining the Evidence
4106-1 KBHCC, Room D166
C. Blake Simpson, MD; Chris McMains, MD

Evidence-Based Otology for the General Otolaryngologist
4107-1 Omni, Fair Park 1
Michael G. Stewart, MD, MPH; Kevin D. Brown, MD, PhD

Management of Head and Neck Lymphatic Malformations
4108-1 KBHCC, Room D160
Jonathan A. Perkins, DO; Karthik Balakrishnan, MD, MPH

Management of Pediatric Aerodigestive Tract Foreign Bodies
4109-1 Omni, Fair Park 2
Jeffrey P. Simons, MD
Lessons I Have Learned as a Parathyroid Surgeon
4110-1  Omni, Dallas Ballroom E
Brendan C. Stack, MD

Updates in Rhinology: Keeping Your Practice at the Cutting Edge
4116-1  KBHCC, Ballroom C2
Benjamin Saul, Bleier, MD; Bradford A. Woodworth, MD; Noam A. Cohen, MD, PhD; Rodney J. Schlosser, MD

Modified Endoscopic Lothrop Procedure
4117-1  Omni, Dallas Ballroom G
Donald A. Leopold, MD; Kristin A. Seiberling, MD

Reconstruction of Partial Auricular Defects
4126-1  KBHCC, Room D175
C. W. David Chang, MD; Gregory J. Renner, MD

MINISEMINARS

AAO-HNSF Clinical Practice Guideline: Adult Sinusitis Update
KBHCC, Ballroom C1
Richard M. Rosenfeld, MD, MPH (Moderator); Jay F. Piccirillo, MD; James N. Palmer, MD; Zara M. Patel, MD

All That’s Red Isn’t Reflux: Getting Smarter About LPR
KBHCC, Room D171
Lee M. Akst, MD (Moderator); Jonathan M. Bock, MD; Thomas L. Carroll, MD; Catherine R. Lintzenich, MD; Lucian Sulica, MD

Biggest Bang for the Bucks: Value Based Medicine in Otolaryngology
KBHCC, Room D167
Robert J. Stachler, MD (Moderator); Rahul Shah, MD; David Chi, MD; Jonathan Kopelovich, MD; Michael E. Stadler, MD; Alex J. McKinlay, MD; Berrylin J. Ferguson, MD

Clinic Based Decision Making for Head and Neck Endocrine Disease
KBHCC, Ballroom C4
Russell B. Smith, MD (Moderator); Maisie L. Shindo, MD; Ralph P. Tufano, MD, MBA; Jason P. Hunt, MD; David L. Steward, MD; Salvatore M. Caruana, MD
Conductive Hearing Loss: It’s Not Always Otosclerosis
KBHCC, West Fork
Supported by the Otology and Neurotology Education Committee
Daniel M. Zeitler, MD (Moderator); Stephen P. Cass, MD; James V. Crawford, MD; Lawrence Lustig, MD; Seilesh Babu, MD

Contemporary Management of Oral Cancer
KBHCC, Elm Fork
Supported by the Asian Society of Head & Neck Oncology and the Asian Society of Head & Neck Oncology
Eugene N. Myers, MD (Moderator); Sheng-Po Hao, MD; Ken Ichi Nibu, MD, PhD; Pankaj Chaturvedi, MD; Alfredo Q. Y. Ponceñas, MD; Melody OuYoung, MD, PhD

Oropharynx Tumor Board: A Primer for the General Otolaryngologist
Omni, Dallas Ballroom D
Tamer A. Ghanem, MD, PhD (Moderator); Neil D. Gross, MD; Umama-heswar Duvvuri, MD; Daniel Clayburgh, MD, PhD; Clifton D. Fuller, MD, PhD

Palate Surgery in OSA: How to Choose Among the Options
KBHCC, Room D162
Eric J. Kezirian, MD, MPH (Moderator); Edward M. Weaver, MD, MPH; Kenny P. Pang, MD; Hsueh-Yu Li, MD; Michel B. Cahali, MD, PhD; B. Tucker Woodson, MD; Brian Rotenberg, MD, MPH

Scary Cases 2015
KBHCC, Ballroom C3
Michael P. Platt, MD (Moderator); Timothy D. Anderson, MD; Steven D. Fletcher, MD; Jeremy D. Richmon, MD; Bruce R. Gordon, MD; Daniel Deschler, MD; Dennis S. Poe, MD, PhD

SCIENTIFIC ORAL PRESENTATIONS

HNS HEAD AND NECK SURGERY
KBHCC, Room C141
Moderators: Mark K. Wax, MD; Larry L. Myers, MD

7:30 am Comparison of Health Utility Measures in Head and Neck Cancer Patients
Christopher W. Noel; Daniel J. Lee, MD; David P. Goldstein, MD; John R. de Almeida, MD, MSc

7:36 am Hemangiopericytoma of the Head and Neck: A Population-Based Analysis
Jon Mallen-St. Clair, MD, PhD; Armin Arshi; Edward C. Kuan, MD, MBA; Elliot Abemayor, MD, PhD; Maie St. John, MD, PhD
7:42 am  How Alcoholism Influence HNSCC Patient-caregiver Dyad?
Massimiliano Garzaro, MD; Luca Raimondo, MD; Mario Airoldi, MD; Claudia Bartoli, MD; Paolo Leonbruni; Giancarlo Pecorari

7:48 am  Surgical Management of Eagle's Syndrome: A Five-year Experience
Candace A. Mitchell, MD; Sandra Ho, MD; Joseph Curry, MD; Adam Luginbuhl, MD; David M. Cognetti, MD

7:54 am  Function of Great Auricular Nerve After Parotid Surgery
Andrea Gallo, MD, PhD (presenter); Salvatore Martellucci, MD; Giulio Pagliuca, MD; Camilla Gallipoli, MD; Chiara Rosato, MD; Ferdinando Maria Nobili-Benedetti, MD, PhD; Marco De Vincentiis, MD

8:00 am  Safety and Feasibility of Outpatient Parotid Surgery
Andrew Pintea; Joseph Paydarfar, MD; Benoit Gosselin, MD

8:06 am  4D MRI - A Novel Tool for Localization of Parathyroid Adenoma
Shlomo Merchavy, MD; Judith Luckman, MD; Yoram Segev, MD; Michal Guindy, MD; Avi Hefetz-Khafif, MD

8:12 am  Gene Variability Identifies Perineural Squamous Cell Skin Cancers
Ashley C. Mays, MD; Lance Miller, PhD; Jeff Chou, PhD; Dale Browne, MD

8:18 am  Management of Intracranial Juvenile Nasopharyngeal Angiofibroma
Farid Isaac; Preston D. Ward, MD, MS

8:24 am  Facial Nerve Outcomes with Retrograde Parotidectomy
Maxwell Kligerman; Yohan Song; Rosemary Pham, MS; Davud B. Sirjani, MD

8:30 am  Surgical Management of Lateral Temporal Bone Defects
Neil S. Patel, MD; Mara C. Modest, MD; Tyler D. Brobst; Matthew L. Carlson, MD; Daniel L. Price, MD; Eric J. Moore, MD; Jeffrey R. Janus, MD

8:36 am  Treatment Modality and Outcome in HPV+ Head and Neck Cancer in Veterans
Aaron J. Feinstein, MD, MHS; Sophie G. Shay, MD; Marilene B. Wang, MD
7:30 am - 9:30 am

INSTRUCTION COURSES

Facial Defect Repair Made Easy: Lower Face  🎈
4114-2  KBHCC, Room C140
Ivan Wayne, MD; Preston D. Ward, MD, MS;
Robert W. Dolan, MD; Mahdi A. Shkoukani, MD

Surgical and Office Based Coding in Otolaryngology  🎈
4121-2  KBHCC, Room D168
Lawrence M. Simon, MD; Richard W. Waguespack, MD

Vocal Nodules, Polyps & Cysts Diagnosis & Current Treatment  🎈
4123-2  Omni, Dallas F
Clark A. Rosen, MD

Facial Injuries: Zygoma, Midface, Skull Base Reconstruction  🎈
4124-2  KBHCC, Room C142
Kurt Laedrach, MD, DMD

Otology and Neurotology Review Course  🎈
4125-2  KBHCC, Room D174
Adrien A. Eshraghi, MD, MS; Simon I. Angeli, MD;
Brandon Isaacson, MD; Daniel H. Coelho, MD

Pediatric Hearing Loss: What Causes It and What to Do?  🎈
4129-2  KBHCC, East Fork
Margaret A. Kenna, MD, MPH; Daniel Choo, MD;
John H. Greinwald, MD
### INSTRUCTION COURSES

**8:45 am - 9:45 am**

#### WEDNESDAY

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Location</th>
<th>Facilitators</th>
</tr>
</thead>
<tbody>
<tr>
<td>4205-1</td>
<td>Strategic Nasal Reconstruction: Grafts, Local, and Regional Flaps</td>
<td>KBHCC, Room D163</td>
<td>Anthony P. Sclafani, MD</td>
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<tr>
<td>4207-1</td>
<td>Traumatic Brain Injury Management for the Otolaryngologist</td>
<td>Omni, Fair Park 1</td>
<td>Michael Hoffer, MD; Ben J. Balough, MD</td>
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<tr>
<td>4208-1</td>
<td>How to Run a Multidisciplinary Tinnitus Clinic</td>
<td>KBHCC, Room D160</td>
<td>Tobias Kleinjung, MD; Berthold Langguth, MD</td>
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<tr>
<td>4209-1</td>
<td>Management of Olfactory Disorders</td>
<td>Omni, Fair Park 2</td>
<td>Carl M. Philpott, MD, FRCS</td>
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<td>4210-1</td>
<td>Medical Management of Thyroid Disease for Otolaryngologists</td>
<td>Omni, Dallas Ballroom E</td>
<td>David L. Steward, MD</td>
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<tr>
<td>4213-1</td>
<td>Novel Ossicular Reconstruction Techniques</td>
<td>KBHCC, Clear Fork</td>
<td>Michael Seidman, MD; Eric M. Kraus, MD</td>
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<tr>
<td>4217-1</td>
<td>Minimally Invasive Pituitary Surgery</td>
<td>Omni, Dallas Ballroom G</td>
<td>Brent A. Senior, MD; Matthew G. Ewend, MD</td>
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<tr>
<td>4226-1</td>
<td>Parathyroid Surgery: What Head and Neck Surgeons Should Know</td>
<td>KBHCC, Room D175</td>
<td>David J. Terris, MD; Gregory W. Randolph, MD</td>
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MINISEMINARS

Management of the Adult Patient with a Neck Mass: A Case-based Approach
Supported by the Head and Neck Surgery & Oncology Committee
Omni, Dallas Ballroom D
Lana Jackson, MD (Moderator); Rodney J. Taylor, MD, MPH; Michael E. Stadler, MD; Brian B. Burkey, MD; Christine G. Gourin, MD

Maximizing Chronic Rhinosinusitis Care with In-Office Procedures
KBHCC, Room D167
Amber U. Luong, MD, PhD (Moderator); Martin J. Citardi, MD; Raj Sindwani, MD; Rakesh Chandra, MD

New Developments in Management of Eustachian Tube Dysfunction
KBHCC, West Fork
John T. McElveen, MD (Moderator); Dennis S. Poe, MD, PhD; Roy R. Casiano, MD; Brian Rotenberg, MD, MPH; Michael H. McDonald, MD; Carlos Yoñez, MD; Cuneyt M. Alper, MD

 Pediatric Drug-Induced Sleep Endoscopy
KBHCC, Ballroom C3
Megan Durr, MD (Moderator); Norman R. Friedman, MD; Sanjay R. Parikh, MD; Kristina Rosbe, MD

Robotic Surgery Beyond TORS: Today, Tomorrow, and Obstacles in Between
Supported by the Head and Neck Surgery & Oncology Committee
KBHCC, Ballroom C1
David M. Cognetti, MD (Moderator); Jeremy D. Richmon, MD; Umamaheswar Duvvuri, MD; Jonathan C. Irish, MD

Sinus Pharyngeus: Things That Go Lump in the Night
KBHCC, Room D171
Lee M. Akst, MD (Moderator); Seth H. Dailey, MD; Sandra Y. Lin, MD; Kevin C. McMains, MD; C. Blake Simpson, MD

Tough to Swallow: Dysphagia for the General Otolaryngologist
KBHCC, Ballroom C4
Neil Gildener-Leapman, MD (Moderator); Libby J. Smith, DO; Dinesh K. Chhetri, MD; Debra M. Suiter, PhD
WEDNESDAY SCHEDULE

9:30 am - 11:00 am

MINISEMINAR

Getting Published: The Basics and Beyond
KBHCC, Ballroom C2
John H. Krouse, MD, PhD, MBA (Moderator); Cecelia E. Schmalbach, MD; Collin B. Grabarek, MFA; Lawrence M. Simon, MD; Lauren Schroeder

10:00 am - 11:00 am

INSTRUCTION COURSES

Sensory Neuropathic Cough: Become the Local Expert
4306-1  KBHCC, Room D166
Robert W. Bastian, MD

Minimally Invasive Surgery for Salivary Tumors and Stones
4310-1  Omni, Dallas Ballroom E
Robert L. Witt, MD; Urban W. Geisthoff, MD

Otosclerosis Surgery: Past, Present, and Future
4313-1  KBHCC, Clear Fork
William H. Slattery, MD; John W. House, MD

Evidence Based Approach to Treating Oropharynx Cancer: Update 2015
4315-1  KBHCC, Elm Fork
Neil D. Gross, MD; Chris Holsinger, MD

Contemporary Management of Adult Airway Stenosis
4323-1  Omni, Dallas Ballroom F
Dinesh K. Chhetri, MD; Sunil P. Verma, MD

Endoscopic Ossiculoplasty: From Principles to Surgical Techniques
4329-1  KBHCC, East Fork
Brandon Isaacson, MD; Alejandro Rivas, MD
10:00 am - 11:30 am

MINISEMINAR

State of the Art: Drug Induced Sedated Endoscopy for OSA

KBHCC, Room D163

B. Tucker Woodson, MD (Moderator); Eric J. Kezirian, MD, MPH; Stacey L. Ishman, MD, MPH; Claudio Vicini, MD; Tracey Stierer, MD

10:00 am - 12:00 pm

INSTRUCTION COURSES

Pediatric Otolaryngology for the General Otolaryngologist

4307-2 KBHCC, Room D162

Ian N. Jacobs, MD; David E. Tunkel, MD

Winning Grants from CORE, NIH and More

4309-2 Omni, Fair Park 2

Cherie Ann O. Nathan, MD; Robert L. Ferris, MD, PhD; Alan G. Cheng, MD; Andrew P. Lane, MD

Pediatric Open Airway Surgery: State of the Art

4319-2 KBHCC, Room D161

Michael J. Rutter, MD, FRACS; Alessandro De Alarcon, MD, MPH; Catherine K. Hart, MD

Scar Wars: Treating the Elusive Scar

4321-2 KBHCC, Room D168

David B. Hom, MD; J. Regan Thomas, MD

Crystal Clear BPPV

4325-2 KBHCC, Room D174

Michael T. Teixido, MD
**MINISEMINAR**

Contemporary Management of Unilateral Vocal Fold Paralysis

KBHCC, Ballroom C3
Sunil P. Verma, MD (Moderator); Ted Mau, MD, PhD; Randal C. Paniello, MD, PhD, MBA; Milan R. Amin, MD

Head and Neck Cancer in the Young Adult Patient

KBHCC, Ballroom C1
Jeremy D. Richmon, MD (Moderator); Karen T. Pitman, MD; Scharukh Jalisi, MD, MA; Ashok R. ShaHa, MD; Christine G. Gourin, MD

Laryngeal Examination in Thyroidectomy: Indications and Techniques

KBHCC, Ballroom C4
Catherine F. Sinclair, MD, FRACS (Moderator); Gregory W. Randolph, MD; Jeffrey M. Bumpous, MD; William S. Duke, MD; Maisie L. Shindo, MD; Gayle E. Woodson, MD

Lifelong Learning Through MOC

KBHCC, Room D167
Marita S. Teng, MD; Robert H. Miller, MD, MBA; Sonya Malekzadeh, MD; Stacey T. Gray, MD; Shane Smith, MD

Reconstruction of Advanced or Major Defects of the Upper and Lower Lips

Supported by the Head and Neck Surgery & Oncology Committee
KBHCC, Room C142
Gregory J. Renner, MD (Moderator); Brian Nussenbaum, MD; Neal D. Futran, MD, DMD

Updates on Pediatric Hearing Loss: Review of Modern Technology

KBHCC, Room C140
Samantha Anne, MD, MS (Moderator); John H. Greinwald, MD; Ellis M. Arjmand, MD, PhD; Margaret A. Kenna, MD, MPH; Judith Lieu, MD

**INSTRUCTION COURSES**

The ABCs of Hearing Aid Dispensing from A to Z

GO
4407-1 Omni, Fair Park 1
William M. Luxford, MD; Brad Volkmer, MBA

Sudden Sensorineural Hearing Loss: An Otologic Emergency?

ON
4412-1 KBHCC, West Fork
Sujana S. Chandrasekhar, MD; James E. Saunders, MD
### INSTRUCTION COURSES

**Reconstruction of Facial Defects Using Local Skin Flaps**

**4403-1**  
KBHCC, Dallas Ballroom D  
Mark A. Armeni, MD

**Evaluation and Management of Oral Malodor, 2015**

**4406-1**  
KBHCC, Room D166  
Yosef P. Krespi, MD

**Neck Dissection for Thyroid Cancer**

**4410-1**  
Omni, Dallas Ballroom E  
Brendan C. Stack, MD

**Practical Management of BPPV: Diagnosis and Therapy**

**4413-1**  
KBHCC, Clear Fork  
Giacinto Asprella Libonati, MD

**When the Levee Breaks: Evidence-Based Epistaxis Management**

**4415-1**  
KBHCC, Elm Fork  
Nathan B. Sautter, MD; Timothy L. Smith, MD

**Endoscopic Assisted Approaches to the Orbit**

**4416-1**  
KBHCC, Ballroom C2  
Stefano Sellari-Franceschini, MD, PhD; Paolo Castelnuovo, MD

**Current Concepts in Vocal Fold Paralysis**

**4422-1**  
KBHCC, Room D171  
Lucian Sulica, MD

**Office Dysphagia Consult: Diagnosis, Management, and Coding**

**4423-1**  
Omni, Dallas Ballroom F  
Jonathan E. Aviv, MD

**Mastering the Parapharyngeal Space**

**4429-1**  
KBHCC, East Fork  
Alexander Longerman, MD; James L. Netterville, MD
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Monday, September 28, 2015
9:45 am – 10:45 am
Kay Bailey Hutchison Convention Center, Hall C

Poster Hours:
Sunday, September 27 10:00 am – 5:00 pm
Monday, September 28 10:00 am – 5:00 pm
Tuesday, September 29 9:00 am – 3:00 pm

Business of Medicine/Practice Management

SP 100 Improvement of Research and Audit Symposium Using Feedback Proforma
Hassan A. Elhassan, MD; Chantelle Rizan; David Owens, MD; Steven S. Backhouse, MD

Endocrine Surgery

SP 101 Endometrioid Adenocarcinoma Metastatic to the Head and Neck
Scott H. Troob, MD; Daniel S. Brickman, MD

SP 102 Melanin-producing Medullary Thyroid Carcinoma: A Case Report
Orly M. Coblens, MD; Bo Jian, MD, PhD; Soo Kim Abboud, MD

SP 103 Sinonasal Implications Post Transsphenoidal Pituitary Surgery
Alborz Jooya, MD; Anthony G. Zeitouni, MD, MS; Abdullah Al-Bader, MD; Marc Antoine. Tewfik, MD
Facial Plastic and Reconstructive Surgery

SP 104  
**Effects of Fibrin Glue on Skin Graft Adhesion Strength in a Rodent Model**  
Mark D. Balcaniuk, MD; Nicholas Wingate; Joseph Curry, MD; Howard Krein, MD, PhD; Ryan Heffelfinger, MD; Adam Luginbuhl, MD

SP 105  
**Facial Reanimation in a Child with Branchio-Oculo-Facial Syndrome**  
Sung Min Ma; Mark A. Vecchiotti, MD; Andrew R. Scott, MD

SP 106  
**Improving Nasal Symmetry After Primary Cleft Rhinoplasty**  
Kayva Crawford; Andrew R. Scott, MD

SP 107  
**Intact, Meshed and Morseled Allogenic Grafts Following Parotidectomy**  
Andrew J. Lerrick, MD; Rowena M. Abasolo

SP 108  
**Mentalis and Labialis Flaps for Mandibular Arch Reconstruction**  
Andrew J. Lerrick, MD; Ajay K. Chauhan, DO; Arvind Patel, MD

SP 109  
**Non Head and Neck Reconstruction by the Recon Service**  
Javier Gonzalez-Castro, MD; Lauren B. Moneta, MD; Daniel Petrisor, DMD, MD; Mark K. Wax, MD

SP 110  
**Partial Reconstruction of the Auricle: A New One-stage Technique**  
Paula Campelo, MD; Diogo O. Carmo; Margarida Branco, MD; Catarina Tinoco, MD; Cristina Paiva Chaves Caroca, MD; Joao Paco, MD, PhD

SP 111  
**Reconstruction After Laryngectomy with Free Flap and Secondary Healing**  
Christopher J. Rizzi, MD; Kalpesh Vakharia, MD

General Otolaryngology

SP 112  
**A Novel Endoscopic Technique for Failed Nasogastric Tube Placement**  
Andrew G. Boston, MD

SP 113  
**Applying Sabermetrics to Academic Otolaryngology**  
Allyson Kaplan; Elliott D. Kozin, MD; Rosh K. V. Sethi, MD, MPH; Shawn Gulati; Maryanna S. Owoc; Brian M. Lin, MD; Stacey T. Gray, MD

SP 114  
**Beta Defensin 1 Gene Polymorphism and Chronic Tonsillitis**  
Fatih Arslan, MD; Selim Erbek, MD; Feride Şahin, MD; Seda Türkoğlu, MD
SP 115  Deep Neck Infections in Cervical Injection Drug Users
Tal Marom, MD; Sharon Ovnat Tamir, MD

SP 116  Development of Image Analysis of Laryngopharyngeal Reflux Disease
Hideo Niwa, MD, PHD; Chong Huei. Shan, MS; Zhong Zhang, PhD; Satoshi Horihata, PhD; Yasuhide Makiyama, MD, PHD

SP 117  Does Reducing Tonsillectomy Numbers Have a Hidden Economic Cost?
Robert W. J. Mcleod, MD; Pranter Brahmabhatt, MD; Hassan A. Elhassan, MD; David Owens, MD

SP 118  Efficacy of Sialoendoscopy Utilizing Conscious Sedation
Michael J. Coulter; Mark Marzouk, MD; Dilshan Gunawardena, DMD, MD

SP 119  Evaluation of Larynx of Mucous Membrane Pemphigoid with NBI
Hideo Niwa, MD, PhD; Hiroyasua Endo, DDS, PhD; Kayo Kuyama, DDS, PhD; Takanori Ito, DDS, PhD; Yasuhide Makiyama, MD, PhD

SP 120  Evaluation of the Dx-pH Probe for Omeprazole Response in LPR Patients
Nadine M. Shabeeb, MPH; Caroline P.E. Price; Alcina Lidder, BA; Michel J. Bove, MD; Stephanie Smith, MD; John Pandolfino, MD; Bruce K. Tan, MD, MS

SP 121  Extracutaneous Melanoma: Cause of Airway Obstruction
Raluca Tavaluc, MD; Nidhi Gupta, MD

SP 122  Genetic Study of ITACs Shows a Group of Patients with Better Prognosis
Jose-Luis Llorente, MD; Alejandro López-Hernandez; Fernando López; Blanca Vivanco; Maria Costales; Sira Potes-Ares; Mario Hermsen

SP 123  Increased Resident Research in the Era of Work Hour Restrictions
Jenny X. Chen; Elliott D. Kozin, MD; Rosh K. V. Sethi, MD, MPH; Aaron K. Remensneider, MD, MPH; Kevin S. Emerick, MD; Stacey T. Gray, MD

SP 124  Intranasal Acetaminophen Abuse
Ben Oberman, MD; Aaron Baker, MD; Genevieve A. Andrews, MD

SP 125  Oral Tuberculosis: Differential Diagnosis of Mucosal Chronic Ulcers
Thiago L. I. Serrano; Angela S. Cassol; Fernando C. Alliegro; Juliana Y. Massuda; Henrique F. Pauna
SP 126  Patient Opinion on the Affordable Care Act in an ENT Practice  
Jared C. Hiebert, MD; Robert M. Rhodes; Michael Anderson, PhD; Nilesh R. Vasan, MD

SP 127  Patterns of Facial Trauma: Weather, Seasons and Weekends  
Jeffrey C. Liu, MD; Jordan Malenke; Rachel Georgopoulos, MD

SP 128  Rhinoscleroma: A Retrospective Study  
Dayanira Trinidad, MD; Laura X. Barrios, MD; Irene L. Ibarra, MD; Alaide Caballero, MD; Andres Sanchez, MD; Teresa Gonzalez Galindo, MD

Head and Neck Surgery

SP 129  A More Appropriate Clinical Classification of Benign Parotid Tumors  
Takahiro Ichihara, MD; Ryo Kawata, MD; Yuusuke Kikuoka; Masaaki Higashino, MD; Tetsuya Terada, MD; Shin-ichi Haginomori, MD

SP 130  Accuracy of Virtual Surgical Simulation in Craniofacial Resection  
Naoki Nishio, MD, PhD; Yasushi Fujimoto; Masazumi Fujii; Yuichiro Hayashi; Kenichiro Iwami

SP 131  Analysis of Head and Neck Dermatofibrosarcoma Protuberans  
Christiana M. Hayward; Vikas Mehta, MD

SP 132  AUS on Thyroid FNA: Risk Factors for Malignancy  
Ji won Seo, MD; Jong Chul Hong, MD; Heon Soo Park, MD

SP 133  Balloon Sinuplasty Surgery Significantly Improves Patient Symptoms  
Martina L. Mustroph, PhD; Jonathan Chiao, MPH

SP 134  Bone Conductive Implants: Surgical and Audiological Features  
Piotr Henryk. Skarzynski, MD, PhD; Bartłomiej Krol; Kamila Osinska; Henryk Skarzynski

SP 135  Clinical Analysis of External Auditory Canal Cancer  
Kosuke Sagawa; Tomonori Terada, MD, PhD; Nobuhiro Uwa, MD, PhD; Takeshi Mohri; Masafumi Sakagami, MD, PhD

SP 136  Diagnostic Role of Ultrasound Elastography on Lymph Nodes of the Neck  
Cemal Cingi; Melek Kezban Gürbüz; Müberra Pehlivan; Nevbahar Akçer Değirmenci Değirmenci; Mustafa Fuat Açıklalı; Mehmet Özgür Pinarbaşlı
SP 137  Does p16 Predict Chemotherapy Response for Hypopharyngeal Cancer?
Joon Kyoo Lee, MD, PhD; Wan Seok Cho, MD

SP 138  Endoscopic Nasopharyngectomy for Recurrent NPC
Ze Yun Tay

SP 139  Facial Node Recurrence in Oral Cavity Cancer
Michael Z. Chen, MD; Mahdi A. Shkoukani, MD

SP 140  High Expression of ZFX Is Associated with Unfavorable Prognosis in NPC
Weitian Zhang, MD, PhD

SP 141  HPV Counselling and Vaccination in Head and Neck Cancer
Andre Isaac, MD; Caroline Jeffery, MD; Scott Anderson, BSc, MSc; Hadi Seikaly, MD

SP 142  HPV+ Squamous Cell Carcinoma Chemosensitization with Triptolide
Qi Zhang, MD; Beverly Wuertz; Emiro E. Caicedo Granados, MD

SP 143  Hypopharyngeal Carcinoma: A Five-year Review of 329 Cases
Mafalda T. Soares, MD; Ricardo F. P. Santos, MD; Pedro Henriques, MD; Ana Hebe, MD; Luís Oliveira, MD; Pedro Montalvao, MD; Miguel Magalhães, MD

SP 144  In Vitro Evaluation of Esomeprazole Effect in Head and Neck Carcinomas
Nghia Matthew Nguyen, MD; Li Zheng, DDS, PhD; Silvana Papagerakis, MD, PhD; Petros Papagerakis, DDS, PhD

SP 145  Lifts in Surgical Technique with Bone Conductive Implants
Piotr Henryk. Skarzynski, MD, PhD; Bartłomiej Krol; Marta Moskalik; Magdalena Kozieł

SP 146  Long-Term Effects of Tonsillectomy on Immunity
Michael S. Morris, MD; Jonathan W. Kim

SP 147  Method for Superficial/Deep Parotid Tumor Using Ultrasonography
Masaaki Higashino, MD; Ryo Kawata, MD; Shin-ichi Haginomori, MD; Takahiro Ichihara, MD; Takaki Inui, MD; Tetsuya Terada, MD;

SP 148  Minimally Invasive Mandibular Hardware Removal Post Reconstruction
Neerav Goyal, MD, MPH; Daniel Deschler, MD

SP 149  Nationwide Outcomes in the Management of Carotid Body Tumors
Mauricia Davidson; Adedoyin Kalejaiye, MD; Ghedak Ansari, MSED; Ololade Ogundimu; Gezzer Ortega, MD, MPH; Ernest Myers, MD; Kakra Hughes, MD
POSTERS

SP 150  Nodal Recurrence of Salivary Polymorphous Low-Grade Adenocarcinoma
Caitlin P. McMullen, MD; Douglas Frank

SP 151  Parthenolide: A Potential Drug for Nasopharyngeal Cancer
Ming ying Lan, MD, PhD; Wu-Lung Yang; Kuan-Ting Lin; Yen-Bin Hsu; Chi-Ying F Huang

SP 152  Postoperative Recurrent Risk Factors of T1 and T2 Tongue Cancer
Takeshi Mohri; Tomonori Terada, MD, PhD; Nobuhiro Uwa, MD, PhD; Kosuke Sagawa; Masafumi Sakagami, MD, PhD

SP 153  Prognostic Value of Pretreatment FDG-PET Scans in HPV+ OPSCC
Nadeem R. Kolia, MD; Brenda Diergaarde, PhD; James M. Mourtz, MD, PhD; Jennifer Grandis, MD; Barton Bramstetter, MD

SP 154  Salivary CA 19-9 Is a Poor Tumor Marker for Malignant Parotid Neoplasms
Graham T. Whitaker, MD; Kevin P. Raisch, PhD

SP 155  Salvage of Recurrent Oropharyngeal Carcinoma After Failure of CRT
Ryuji Yasumatsu

SP 156  Socioeconomic Status and Head and Neck Cancer
Tiago S. Santos, MD; Roberto Estevao, MD; Ana Ferreira; Anabela Machado Almeida; Monteiro Eurico, MD, PhD; João Fernandes, MD

SP 157  Substernal Thyroidectomy: A 13 Year Experience
WITHDRAWN
Adam L. Honeybrook, MD; James L. Netterville, MD; Sanjay Athavale, MD; Robert J. Sinard, MD; Kyle Mannion, MD; Samuel R. Fisher, MD

SP 158  Thoracic Duct Embolization for Chyle Leak: A Cost Comparison with TPN
Jason Talmadge, MD; Robert Lindau, MD; Harnoor Singh; Jesse Schmid

SP 159  Total Glossectomy Characteristics and Outcomes: The UCLA Experience
Edward C. Kuan, MD, MBA; Jon Mallen-St. Clair, MD, PhD; Karam W. Badran, MD; Miguel Fernando Palma-Diaz, MD; Keith E. Blackwell, MD; Maie St. John, MD, PhD

SP 160  Tracheocarotid Fistula
James K. Fortson, MD, MPH; James Fortson, MD, MPH

SP 161  Transoral Robotic Surgery for Excision of Nasopharyngeal Hemangioma
Alice Lin, MD
Tumor Debulking in Management of Laryngeal Cancer Airway Obstruction
Eugenie Du, MD; Richard V. Smith, MD; Thomas J. Ow, MD; Andrew B. Tassler, MD; Bradley Schiff, MD

Tumor Infiltrating Lymphocytes and Survival in Patients with HNSCC
Nghia Matthew Nguyen, MD

Ultrasound Guided FNA for Upper Aerodigestive Tract Malignancy
Aaron M. Smith, MD; Merry E. Sebelik, MD

Validation of Metabolic Tumor Volume as a Prognostic Factor
Han Zhang, MD; Hadi Seikaly, MD; Jonathan T. Abele, MD; Nhu-Tram Nguyen, MD; Jeffrey Harris, MD; Daniel O’Connell, MD, MSc

Are Online Zenkers Diverticulum Articles Readable and Understandable?
Vini Balakrishnan; Sunil P. Verma, MD

Associated Comorbidities in Patients with Spasmodic Dysphonia
Vaibhav Ramprasad; Mirabelle Sajisewi, MD; Gina Vess; Vern C. Juel, MD; David Witsell, MD, MHS

CBCT Clarifies 3D Cervical Morphology for Advanced Airway Management
Kosuke Uno, MD; Koichiro Saito, MD, PhD; Kono Takeyuki, MD; Haruna Yabe, MD; Kaoru Ogawa, MD, PhD

Clinical Findings of Laryngeal Amyloidosis with LVS, HSDP, and NBI
Jason E. Gilde, MD; Raul Cruz, MD

Collagen Limits OCT Image Depth in Vocal Fold Tissue
Jordan A. Garcia; Christopher Hartnick, MD, MS

Consistent Technique LimitsSuspension Laryngoscopy Complications
Sean P. Larner, DO; Rick A. Fornelli, MD

Endoscopic Management of Idiopathic Subglottic Stenosis
Katherine McKee-Cole, MD; Maurits Boon, MD; Joseph R. Spiegel, MD

Gardasil® Vaccination for Recurrent Laryngeal Papillomatosis
Ryooji Hirai, MD, PhD; Kiyoshi Makiyama, MD, PhD; Hirotaka Suzuki, MD; Hiroumi Matsuzaki, MD, PhD

Laryngeal H. Resolution Sonography: Evaluation as a Diagnostic Tool
Abdelaziz M. Elsherif, MD
SP 175  Laryngopharyngeal Symptoms and Signs in Gerd and Antireflux Therapy
         Pramod Chirakkal, MD

SP 176  OmniGuide vs Line of Sight Laser: Interaction with Surgical Supplies
         Vini Balakrishnan; Carolyn A. Coughlan, MD; Sunil P. Verma, MD

SP 177  Pharyngoplasty for Unilateral Pharyngeal Paralysis on Swallowing
         Toshiro Umezaki, MD, PhD; Midori To, MD; Hideyuki Kiyohara, MD, PhD; Kazuo Adachi, MD

SP 178  Pilot Study of Laryngopharyngeal Reflux in Bariatric Patients
         Michael J. Coulter; Elliot Regenbogen, MD; Maria S. Altieri, MD; Jamie L. Romeiser, MPH; Aurora Pryor, MD; Dana Telem

SP 179  Primary Tuberculosis of Larynx Manifesting as Vocal Fold Polyp
         Jawahar R. Talsania, DO

SP 180  Radioactive Iodine Associated Vocal Cord Paralysis in Graves Disease
         Adam N. Master, MD; Judith A. Fornadley, MS; Cherie-Ann O. Nathan, MD

SP 181  Readability and Understandability of Online VFP Materials
         Vini Balakrishnan; Sunil P. Verma, MD

SP 182  Respiratory Flow Monitoring in VCD Suspicious Nasopharyngoscopy
         Paulo P. Gregorio; Roberto Rodrigues, MD, PhD

SP 183  The Effect of Topical MMP-9 Inhibitor on Early Airway Granulation
         Ankona Ghosh, MD; Natasha Mirza, MD; Noam A. Cohen, MD, PhD

SP 184  Validating the Spanish Adaptation of the CAPE-V
         Faustino Nunez-Batalla, MD; Marta Morato, MD; Jose-Luis Llorente, MD

Otology/Neurotology

SP 185  A Community-based Hearing Intervention for Older Korean Americans
         Janet S. Choi, MPH; Carrie L. Nieman, MD, MPH; Hae Ra Han, PhD, RN; Frank R. Lin, MD, PhD

SP 186  A Novel Canalplasty Technique for External Auditory Canal Exostoses
         William Moss, MD; Harrison W. Lin, MD; Roberto A. Cueva, MD
SP 187  
**A Prospective Study of Fore-Aft Vection in Subjects with Migraine**  
Mark Miller; Benjamin T. Crane, MD, PhD

SP 188  
**Analysis of VEMP and ECoG in Noise Induced Hearing Loss**  
Abdullah Dalgic, MD; Oguz Yilmaz; Yusuf Hidir; Bülent Satar; Mustafa Gerek

SP 189  
**Autologous Bone Grafts on Demand During Surgery with 3D CAD/CAM**  
Glenn W. Knox, MD, JD

SP 190  
**Bacteriologic Evaluation of Chronic Otitis Media in Older Patients**  
Byung don Lee, MD, PhD; Bosung Kang, MD; Hyunsoo Lee, MD

SP 191  
**Bilateral IAC or CPA Lesions in Children Without NF2**  
Joseph T. Breen, MD; Robert A. Williamson, MD

SP 192  
**Carbamazepine Treatment of Vestibulocochlear Nerve Hyperactivity**  
Tanner M. Miller, MD; Betty S. Tsai, MD

SP 193  
**Changes in Endolymphatic Hydrops in Patients with Ménière’s Disease**  
Kenji Suga; Masahiro Kato; Tadao Yoshida, MD; Masaaki Teranishi; Michihiko Sone; Shinji Naganawa; Tsutomu Nakashima

SP 194  
**Cochlear Implantation in Enlarged Vestibular Aqueduct Syndrome**  
Nauman F. Manzoor, MD; Marian Wahba; Cameron C. Wick, MD; Robin Piper; Gail Murray, PhD; Cliff A. Megerian, MD; Maroun T. Semaan, MD

SP 195  
**Discrete Vestibular Phenotypes in DFNA9 Families with COCH Variants**  
Bong Jik Kim, MD; Ah Reum Kim; Kyu-Hee Han, MD; Yoon chan Rah, MD; Ja-Won Koo, MD, PhD; Byung Yoon Choi, MD, PhD

SP 196  
**Endolymphatic Sac Shunting with Local Steroid Administration**  
Cameron C. Wick, MD; Nauman F. Manzoor, MD; Caileigh McKenna; Maroun T. Semaan, MD; Cliff A. Megerian, MD

SP 197  
**Endolymphatic Space in Meniere’s and Non-otological Diseases**  
Tadao Yoshida, MD; Masaaki Teranishi; Michihiko Sone; Shinji Naganawa; Tsutomu Nakashima; Kenji Suga
Endoscopic Assisted Middle Fossa Resection of Vestibular Schwannoma
Brian S. Chen, MD; Daniel S. Roberts, MD, PhD; Gregory Lekovic, MD, PhD

Epley, Semont and Brandt Daroff Maneuvers in the Treatment of BPPV
Erika Celis-Aguilar; Homero O. Mayoral-Flores; Alan Burgos-Paez; Edgar Dehesa-Lopez

Expression of ATP6V0A4 in the Developing Mouse Cochlea
Qi Li, MD; Yaqing Liu

French Validation of the Barcelona Music Reward Questionnaire
Joe Saliba, MD; Alexandre Lehmann, PhD; Josep Marco-Pallares, PhD; Robert Zatorre, PhD; Anthony G. Zeitouni, MD, MS

Generation of Light Sensitive Stem Cells Using Non Viral Methods
Alyson Kaplan; Xiankai Meng, PhD.; Elliott D. Kozin, MD; Ariel Edward. Hight, MS; Albert S. Edge; Daniel J. Lee, MD;

Hemorrhagic Labyrinthitis: A Human Temporal Bone Study
Serdar Kaya, MD; Ömer Hızlı, MD; Vladimir Tsuprun; Patricia A. Schachern; Meredith E. Adams, MD; Michael M. Paparella, MD; Sebahattin Cureoglu, MD

Incus-footplate Assembly: Indication and Surgical Outcome
Ja-Won Koo, MD, PhD; Byung Yoon Choi, MD, PhD

Leukoaraiosis: Is It Important to Presbycusis Prognosis?
Anita Moreira. Cunha, MD; Margarida Amorim; Clara Silva, MD

Localization and Hearing in Noise: Osseointegrated Device Outcomes
Jake T. Hillyer; Francois Cloutier, MD; Elizabeth Harland; Stacey Watson, MS; Douglas D. Backous, MD; Alexandra Parbery-Clark, Ph D

Measuring Hearing in Older Adults by Self-Report Versus Audiometry
Janet S. Choi, MPH; Jennifer Deal, PhD; Kevin J. Contrera, MPH; Josh Betz, MS.; Frank R. Lin, MD, PhD

Medical and Bioethical Considerations in Cochlear Implant Removal
Maryanna S. Owoc; Elliott D. Kozin, MD; Aaron K. Remenschneider, MD, MPH; Ariel Edward. Hight, MS; Daniel J. Lee, MD; Selena E. Heman-Ackah, MD
SP 209  **Oxidative Stress and Apoptosis Post Cochlear Implantation Trauma**
Adrien A. Eshraghi, MD, MS; Jonathan Roell; Ayca Baskadem Yilmazer, MD; Mateo Guardiola; Jeenu Mittal, MS

SP 210  **Papercraft Temporal Bone in the First Step Education of the Anatomy**
Harukazu Hiraumi, MD, PhD; Juichi Ito, MD, PhD; Hiroaki Sato, MD, PhD

SP 211  **Peripheral Vestibular Otopathology from Vestibular Schwannomas**
Ömer Hızlı, MD; Serdar Kaya, MD; Meredith E. Adams, MD; Patricia A. Schachern; Geeyoun Kwon, PhD; Michael M. Paparella, MD; Sebahattin Cureoglu, MD

SP 212  **Radiographic Assessment of the Mastoid After Cholesteatoma Surgery**
William J. Parkes, MD; Sharon L. Cushing, MD; Blake C. Papsin, MD; Susan I. Blaser, MD; Adrian L. James, MD

SP 213  **Sensitivity and Specificity of Self-reported Hearing Loss**
Cristina Paiva Chaves. Caroca, MD; Paula Campelo, MD; Joao Paco, MD, PhD

SP 214  **Spiral Ganglion Neurite Guidance by Topographic and Photochemical Cues**
Kristy Truong, MD; Braden Leigh; Reid Bartholomew; Allan Guymon, PhD; Marlan R. Hansen, MD

SP 215  **Stability of Bone-Anchored Implants: Punch Method and Early Loading**
Jonathan N. Young; Rodney C. Diaz, MD; Wayne T. Shaia, MD

SP 216  **Steroid Effect on Hearing in Animal Models with Cochlear Implant**
Jun ho Lee

SP 217  **Suppression of Otoacoustic Emissions and Tinnitus Annoyance Levels**
Isabelle B. Silva, MD; Lucieny Silva Martins Serra; Ronaldo Granjeiro, MD, PhD; Silvia Cristina Lima. Braga; Carlos Augusto Costa Pires Oliveira, MD, PhD; André Luiz Lopes Sampaio Sampaio, MD, PhD

SP 218  **Suppurative Labyrinthitis: Sites and Degrees of Cochlear Pathology**
Serdar Kaya, MD; Ömer Hızlı, MD; Meredith E. Adams, MD; Patricia A. Schachern; Vladimir Tsuprun; Michael M. Paparella, MD; Sebahattin Cureoglu, MD

SP 219  **The Effect of Temperature on the Specific Gravity of the Avian Cupula**
Max Whittaker, DO; Rahul Kanegaonkar, MD
SP 220  The Perception of Visual Vertical in Patients with Migraine
     Mark Miller; Benjamin T. Crane, MD, PhD

SP 221  The ROTATE Test, a Novel Method of Assessing Saccule Function
     Rahul Kanegaonkar, MD; Konstantina (Nina) Koloutsou; Satheesh Sriskandarajah, MSc

SP 222  The Significance of Blood Profiles in Vestibular Neuritis
     Seung Hwan Lee; Jonghyun Lim; Jin Hyeok Jeong; Kyung Rae Kim; Chul Won Park; Jae ho Chung

SP 223  Use of a Novel Bioplastic in Myringoplasty: An Animal Model
     Enrique Giron Archundia, MD; Cinthya Vianey Vargas Zavala; Juan Eduardo Sánchez Núñez

SP 224  Ventilation Tube as First Line Intervention in Ménière’s Disease
     Rahul Kanegaonkar, MD; Audrey Najuko-Mafemera; Robert Hone

SP 225  Vestibular Evoked Myogenic Potential in Vestibular Schwannoma Cases
     Hani Farouk El Harem, PhD

SP 226  Monopolar Cautery Adenotonsillectomy After Cochlear Implantation
     Duc A. Tien, MD; Erika A. Woodson, MD; Samantha Anne, MD, MS

SP 227  Thermal Variations of Operative Microscopes in Otology
     Terence E. Imbery, MD; Brian D. Nicholas, MD

Pediatric Otolaryngology

SP 228  Abutment vs Magnet: Audiologic Profile Comparison in a Single Patient
     Mika Sumiyoshi, MD; Luke J. Schloegel, MD

SP 229  Botulinum Toxin for the Treatment of Phonic Tics in Tourette Syndrome
     Jennifer Dang, MD; Donald T. Donovan, MD; Julina Ongkasuwan, MD; Joseph Jankovic, MD

SP 230  Comprehensive Reference Tools for Modern Airway Evaluations
     John P. Dahl, MD, PhD, MBA; Evan Propst; Andrew F. Inglis, MD; Robin T. Cotton, MD; Kaalan E. Johnson, MD

SP 231  Endoscopic Management of Neonatal Congenital Anterior Glottic Web
     Lee P. Smith, MD; Soham Roy, MD; Mi Jin Yoo, MD
SP 232  Laryngeal Findings in Pediatric Obstructive Sleep Apnea Patients  
Dale S. DiSalvo; Michele M. Carr, DDS, MD, PhD

SP 233  Management of Acutely Infected Fourth Arch Branchial Remnants  
Yula A. Indeyeva, MD; Rajanya S. Petersson, MD; Andrew R. Scott, MD

SP 234  MRSA and Pediatric Cochlear Implantation  
Matthew E. Leach, MD; Anthony Mikulec, MD; Sreeya Yalamanchali, MD

SP 235  Non-Infectious Floor of Mouth Lesions in Children: What Really Works?  
Marco A. Mascarella; John J. Manoukian, MD

SP 236  Oropharyngeal Stenosis Following Primary Adenotonsillectomy  
David Eleff; Duc A. Tien, MD; Samantha Anne, MD

SP 237  Predominance of Anaerobes in Polymicrobial Ear Fluid and PE Tubes  
James C. Wang, PhD; Terrell Bibb, MS; Debdeep Banerjee; Joehassin Cordero, MD; Joshua C. Demke, MD; Abdul N. Hamood, PhD

SP 238  Prevalence of Hearing Loss Among Primary School Children in Uganda  
Irving Z. Basañez, MD; George B. Wanna, MD; Doreen Nakku

SP 239  Prognostic Factors for Sudden Sensorineural Hearing Loss in Children  
Seung Hwan Lee; Seok Hyun Cho; Jin Hyeok Jeong; Chul Won Park; Moo Keon Kim, MD; Jae Ho Chung

SP 240  Radiologic Analysis of Eustachian Tube Development  
Aditi Bhuskute, MD

SP 241  Screening, Evaluation, and Management of IFS in Pediatric Patient  
Anthony Sheyn, MD; Eric Berg, MD

SP 242  Serous and Mucoid Middle Ear Effusion Characterization  
Marian F. Poley; Stephanie Val, PhD; Diego Preciado, MD, PhD

SP 243  Severity of Pneumococcal vs. Non-Pneumococcal AOM in Children  
Tal Marom, MD; Sharon Ovnat Tamir, MD

SP 244  Tracheal Stenosis Associated with Pulmonary Aplasia/Hypoplasia  
Elton M. Lambert, MD; Deborah S. Kacmarynski, MD, MS; Jose M. Manaligod, MD; Richard V. Smith, MD
Rhinology/Allergy

SP 245  Asian Sand Dust Increases MUC8 and MUC5B Expressions
Yong-Dae Kim, MD, PhD; Yoon Seok Choi; Hyung Gyun Na; Chang Hoon Bae; Si-Youn Song

SP 246  Autophagy Is Deficient in Nasal Polyps: New Implication in Nasal Polyp
Lingfeng Wang

SP 247  Clinical Correlates of the Anatomical Relationships of Foramen Ovale
Ahmed Sobhy. Youssef, MD

SP 248  Clinical Significance Between Allergic Test and Serum ECP
Soo Whan Kim, PhD

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Chang-Hoon Kim, MD, PhD

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Heung-Man Lee, MD, PhD; Jae-Min Shin, MD; Jung-Sun Cho, PhD.; Il-Ho Park, MD, PhD

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Il-Ho Park, MD, PhD; Jae-Min Shin, MD; Heung-Man Lee, MD, PhD

SP 252  Endoscopic Anatomy of the Infratemporal Fossa
Ahmed Sobhy Youssef, MD

SP 253  Endoscopic Orbital Decompression for Dysthyroid Optic Neuropathy
Chandheeb Rajakumar, MD; Leigh J. Sowerby, MD

SP 254  Evaluation of Topical Ultrasound for Biofilm Removal
Justin Beyers; Frank A. Papay, MD; Peter Bonutti, MD; Tonya Bierman

SP 255  IL-22 Alleviates Murine Allergic Rhinitis
Weitian Zhang, MD, PhD

SP 256  Image Guidance System Directed Endoscopic Dacryocystorhinostomy
Weitian Zhang, MD, PhD

SP 257  Immunological Role of Plasma Cell in Rhinoscleroma: An EM Study
Faika Ahmed. Yehia

SP 258  Maxillary Sinusitis Caused by Dental Implants
Hideaki Aoki

SP 259  NO as a Screening Tool for Evaluation of Postoperative State of CRS
Ji Won Seo, MD; Woo Yong Bae, MD; Jae Hoon Lee, MD; Tae Kyung Koh, MD; Young Hee Nam, MD; Jin-A Jung, MD
SP 260  Pneumonia in Patients with Nasopharyngeal Cancer After Radiotherapy
Kai-Li Liang, MD; Rong-San Jiang, MD, PhD

SP 261  Post-operative FESS Care Regimes in Wales: A Cross Sectional Study
Hassan A. Elhassan; Adam Gunner; David Owens, MD; Steven S. Backhouse, MD

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Esam Albawardi, MD

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Mafalda T. Soares, MD; Ines P. Delgado, MD; Teresa Gabriel, MD; Ana Guimarães, MD; Pedro Henrique, MD; Filipe Freire, MD

SP 264  Role of IL-17 on Nasal Airway Remodeling in an Allergic Rhinitis Model
Chae-Seo Rhee, MD, PhD; Doo Hee Han; Pona Park, MD; Dong-Young Kim

SP 265  Role of PG E2 and TGF-β in allergic Airway by Adipose-derived Stem Cells
Hwan-Jung Roh, MD; Kyu-Sup Cho, MD; Jung-Hoon Lee, MD; Mi-Kyung Park, PhD; Hye-Kyung Park, MD; Hak-Sun Yu, PhD

SP 266  Role of Stenting in Repair of Choanal Atresia
Abdelaziz M. Elsherif, MD

SP 267  Stammberger Sinufoam: An Effective Nasal Pack for Day Case Surgery?
Hassan A. Elhassan, MD; Swati Kumar; David Owens, MD

SP 268  Treatment of Allergic Rhinitis Using CAPT
Dae Jun Lim, MD, PhD

SP 269  Use of Soap Water and Hydrogen Peroxide for Washing: During FESS
Abhishek Sharma
Sleep Medicine

SP 270  
**Cardiovascular Autonomic Function Before and After OSA Surgery**
Hsin-Ching Lin, MD; Michael Friedman, MD; Michelle S. Hwang

SP 271  
**Does Drug-induced Sleep Endoscopy Can Predict Success of TORS in OSA?**
Ahmed Y. Bahgat; Claudio Vicini, MD; Filippo Montevecchi, MD

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**Effects of Tuina on OSA Patients**
Hsin-Ching Lin, MD; Michael Friedman, MD; Michelle S. Hwang

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**EPCs and Antioxidant Capacity Before and After OSA Surgery**
Hsin-Ching Lin, MD; Michael Friedman, MD; Michelle S. Hwang

SP 274  
**GlideScope Assisted Tongue Base Coblation for OSA**
Robert D. Wong, MD; Tapan A. Padhya, MD

SP 275  
**Does Drug-induced Sleep Endoscopy Can Predict Success of TORS in OSA?**
Ahmed Y. Bahgat; Claudio Vicini, MD; Filippo Montevecchi, MD

SP 277  
**Interventional Drug-Induced Sleep Endoscopy: A Novel Technique**
Andrew J. Victores, MD; Krista L. Olson, MD; Masayoshi Takashima, MD

SP 278  
**Lateral Palatal Space Anatomy and RF Ablation for Snorers**
B. Tucker Woodson, MD

SP 279  
**Polysomnographic Assessments of Sleep Quality in Chronic Tinnitus**
Cheng-Yu Lin, MD, PhD; Jiunn-Liang Wu

SP 280  
**Snore Sound Analysis After Nasal Surgery in Obstructive Sleep Apnea**
Shih-Chieh Shen, MD; Li-Ang Lee, MD; Hsueh-Yu Li, MD

SP 281  
**The Effect of Endoscopic Sinus Surgery on Obstructive Sleep Apnea**
Rong-San Jiang, MD, PhD

SP 281  
**TORS for OSAHS: Does the End Justify the Means?**
Ahmed Y. Bahgat; Claudio Vicini, MD; Filippo Montevecchi, MD
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<th>Booth #</th>
</tr>
</thead>
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<td>1433</td>
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<td>Acumed Instruments Corporation.</td>
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<td>1017</td>
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<td>2244</td>
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<td>Advanced Monitors Corporation</td>
<td>2045</td>
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<td>433</td>
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<td>717</td>
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<td>1833</td>
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<td>Alpaca Audiology</td>
<td>1973</td>
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<td>Alshemari Instruments</td>
<td>2272</td>
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<td>Amenity Health</td>
<td>2264</td>
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<td>American Board of Otolaryngology</td>
<td>721</td>
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<td>American Hearing Aid Associates</td>
<td>633</td>
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<td>American Journal of Rhinology and Allergy</td>
<td>2148</td>
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<td>1523</td>
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<td>Amplivox</td>
<td>2458</td>
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<td>1423</td>
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<td>1443</td>
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www.migrainedisorders.org

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www.aoanow.org

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www.atmosmed.us

Atos Medical .................................................................................... 1749
www.atosmedical.us

Audigy Medical .............................................................................. 2368
www.audigymedical.com

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www.audiotechnologies.it

Audiology Management Group, Inc................................................. 2155
www.audiologymangementgroup.com

Auris Medical AG .......................................................................... 840
www.aurismedical.com

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www.axogeninc.com

Bausch + Lomb .............................................................................. 2426
www.bausch.com

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www.jobs.baylorscottandwhite.com

BCCNS Life Support Network ......................................................... 2351
www.bccns.org

Beach Pharmaceuticals ................................................................. 2269
www.zamicet.com

Beijing Fanxing Guangdian Medical Treatment Equipment Company Ltd. 2347
www.bjfxgd.com.cn

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www.beutlich.com

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www.bfwinc.com

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www.bienair.com

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www.biosoundlab.com

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</tr>
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<td>Boston Medical Products</td>
<td>1642</td>
</tr>
<tr>
<td>BR Surgical / OPTOMIC</td>
<td>2065</td>
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<tr>
<td>Braebon Snoring and Sleep Apnea</td>
<td>1856</td>
</tr>
<tr>
<td>Brazilian Association of ENT</td>
<td>2043</td>
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<tr>
<td>Brazilian Association of Otorhinology</td>
<td>2041</td>
</tr>
<tr>
<td>BreatheXperts</td>
<td>1759</td>
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<td>BrilliENT</td>
<td>2422</td>
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<td>Bryan Medical, Inc.</td>
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<td>2064</td>
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<td>2256</td>
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<td>1843</td>
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<td>Carilion Clinic</td>
<td>624</td>
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<td>1939</td>
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<td>1967</td>
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<td>Checkpoint Surgical, LLC</td>
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<td>Elmed, Inc.</td>
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<td>Elsevier, Inc.</td>
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www.entbilling.com

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entconnect.entnet.org/home

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www.ENT-Cloud.com

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www.entjournal.com

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www.entellusmedical.com

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www.epichearing.com

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www.ethicon.com

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www.eyemaginations.com

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www.fiagon.com

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www.fiegertendotech.net

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www.fireflyglobal.com

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www.fuelmedical.com

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www.gehealthcare.com

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www.genesishcs.org

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www.genzyme.com

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www.globalmedicalendoscopy.com
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www.globalsurgical.com

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www.gracemedical.com

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www.grason-stadler.com

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www.greenwaymedical.com

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www.healthecareers.com

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www.healthworldintl.com

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www.heine.com

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www.hemostasisllc.com

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www.hemostatix.com

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www.hillderm.com

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www.holstonmedicalgroup.com

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www.hoodlabs.com

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www.hopewellrx.com

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www.imtheramedical.com

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www.inhealth.com

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www.inspiresleep.com

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www.instrumentarium-online.com

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www.integralife.com
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www.interacoustics-us.com

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www.IntuitEndoscopy.com

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www.invotec.net

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www.itamar-medical.com

JEDMED Instrument Company .................................................2111, 2217
www.jedmed.com

Johns Hopkins Medicine Otolaryngology-HNS .................................332
www.hopkinsmedicine.org/otorlaryngology

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Kirwan Surgical Products, Inc. ..........................................................2020
www.ksp.com

KLS Martin ...............................................................................................711
www.klsmartinnorthamerica.com

Kugler Publications .............................................................................2357
www.kuglerpublications.com
Kurz Medical, Inc ................................................................. 2225
www.kurzmed.com

Lannett Company, Inc ....................................................... 1547
www.lannett.com

Leica Microsystems .......................................................... 1649
www.leicamicrosystems.com

LifeLine Sciences, LLC ...................................................... 2050
www.tmjnextgen.com

LiNA Medical ....................................................................... 2167
www.lina-medical.com

LumaDent, Inc ................................................................. 2354
www.lumadent.com

Lumenis ........................................................................... 1633
www.lumenis.com

Maico Diagnostics .............................................................. 1011
www.maico-diagnostics.com

Marina Medical Instruments ............................................. 2051
www.marinamedical.com

McKeon Products, Inc ........................................................ 1848
www.macksearplugs.com

MED-EL Corporation ...................................................... 1933
www.medel.com

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Medical Center Pharmacy .................................................................2176
www.mcpnc.com
Medical Digital Developers, LLC ....................................................2219
www.dscopesystems.com
MediCapture, Inc. ............................................................................917
www.medicapture.com
Medifix, Inc. ...................................................................................1551
www.medifixinc.com
MediGain ......................................................................................2066
www.medigain.com
Mediplast AB .................................................................................1654
www.mediplast.com
Mediplay, Inc. ...............................................................................2320
www.mediplay.com
MedNet Technologies .....................................................................1716
www.mednet-tech.com
Medrobotics Corporation ................................................................425
www.medrobotics.com
Medtronic Surgical Technologies ..................................................1411, 1710
www.medtronicENT.com
MEGA MEDICAL Company, LTD ...................................................640
www.megamedical.co.kr
Memorial Healthcare System .........................................................335
www.memorialphysician.com
Merck ..........................................................................................1971
www.merck.com
Meridian Health .............................................................................2173
www.memorialphysician.com
Merz North America ......................................................................1024
www.radiesse-voice.com
Microline Surgical .........................................................................1622
www.microlinesurgical.com
Micromedical Technologies, Inc. ....................................................1623
www.micromedical.com
Microsurgery Instruments, Inc. .......................................................2048
www.microsurgeryusa.com
MicroTransponder, Inc. ..................................................................743
www.microtransponder.com
Mizuho America, Inc. ....................................................................625
www.mizuho.com
MobileOptx, LLC .................................................................1977
www.mobileoptx.com

Modernizing Medicine ..........................................................733
www.modmed.com

Morita USA, Inc. .................................................................2140
www.morita.com/usa

MTI, Inc. ..............................................................................2024
www.mti.net

Myofunctional Research Company ....................................2156
www.myoresearch.com

Natus Medical Inc. ..............................................................1655
www.natus.com

NeilMed Pharmaceuticals, Inc............................................1811
www.neilmed.com

New York Head and Neck Institute ....................................712
www.NYHNI.org

NIDCD National Temporal Bone Registry .....................2442
www.tbregistry.com

Nova Surgical Innovations Inc. ..........................................741
www.nsiiweb.com

Nupur Technologies ...........................................................623
www.nupurtech.com

Oaktree Products, Inc .........................................................2154
www.oaktreeproducts.com

Officite ................................................................................1918
www.officite.com

Olympus America, Inc. .......................................................1211
www.olympusamerica.com

OmniGuide .........................................................................635
www.omni-guide.com

Ono & Company, Ltd............................................................2441
www.kezlex.com/en

Optim, LLC .........................................................................1039
www.optimnet.com

Oticon Medical .................................................................1133
www.oticonmedicalusa.com

Otomed, Inc. ........................................................................1943
www.otomed.com

Otometrics/Audiology Systems .........................................734
www.gnotometrics.com
EXHIBITORS

Otonomy, Inc. ........................................................................................................ 1555
www.otonomy.com

OtoSim, Inc. .......................................................................................................... 2144
www.otosim.com

OTOTRONIX ......................................................................................................... 1924
www.ototronix.com

Otto Trading, Inc. .................................................................................................. 816
www.irestmassager.com

Pan American Congress of Otolaryngology ..................................................... 1956

Parker Medical .................................................................................................... 334
www.parkermedical.com

Parnell Pharmaceuticals, Inc. ............................................................................ 920
www.parnellpharm.com

Passy-Muir, Inc. .................................................................................................. 1858
www.passy-muir.com

PCCA ................................................................................................................... 1965
www.pccarx.com

PENTAX Medical ............................................................................................... 1233
www.pentaxmedical.com

PeriOptix, a DenMat Company ......................................................................... 2049
www.perioptix.com

PHACON GmbH .................................................................................................. 2071
www.phacon.de

Physician Assistants in ORL-HNS .................................................................... 1557
www.entpa.org

Physicians Angels, Inc. ....................................................................................... 1549
www.physiciansangels.com

Pikeville Medical Center, Inc. ............................................................................ 614
www.pikevillehospital.org

Pillar Palatal ......................................................................................................... 2270
www.pillarprocedure.com

Plural Publishing, Inc. ......................................................................................... 2141
www.pluralpublishing.com

PolypVac by Laurimed, LLC .............................................................................. 617
www.polypvac.com

Preceptis Medical ................................................................................................. 739
www.preceptismedical.com

Prescott’s, Inc. ...................................................................................................... 1016
www.surgicalmicroscopes.com
<table>
<thead>
<tr>
<th>Company</th>
<th>Page Numbers</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>QED Medical</td>
<td>2157</td>
<td><a href="http://www.qed-medical.com">www.qed-medical.com</a></td>
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<tr>
<td>QmedRx</td>
<td>1755</td>
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<td>Q-Optics/Quality Aspirators</td>
<td>1758</td>
<td><a href="http://www.q-optics.com">www.q-optics.com</a></td>
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<tr>
<td>RegenScientific</td>
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<td><a href="http://www.regenscientific.com">www.regenscientific.com</a></td>
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<td>Reliance Medical Products/Haag-Streit</td>
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<td>ReSound</td>
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<td>Restech</td>
<td>1739</td>
<td><a href="http://www.restech.com">www.restech.com</a></td>
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<td>RG Medical</td>
<td>2158</td>
<td><a href="http://www.rgendo.com">www.rgendo.com</a></td>
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<td>RGP, Inc.</td>
<td>2266</td>
<td><a href="http://www.rgpdental.com">www.rgpdental.com</a></td>
</tr>
<tr>
<td>Richard Wolf Medical Instruments Corporation</td>
<td>432</td>
<td><a href="http://www.richardwolfusa.com">www.richardwolfusa.com</a></td>
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<td>Rose Micro Solutions</td>
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<td>Russian Blue Diamonds</td>
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<td>RYSE Medical Solutions</td>
<td>2076</td>
<td><a href="http://www.rysemedical.com">www.rysemedical.com</a></td>
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<tr>
<td>SAGE</td>
<td>626</td>
<td><a href="http://www.sagepub.com">www.sagepub.com</a></td>
</tr>
<tr>
<td>SANOSTEC Corporation</td>
<td>1117</td>
<td><a href="http://www.maxairnosecones.com">www.maxairnosecones.com</a></td>
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<tr>
<td>Save My Scope, Inc.</td>
<td>2177</td>
<td><a href="http://www.savemyscope.com">www.savemyscope.com</a></td>
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<td>SCOTT Electronics</td>
<td>2450</td>
<td><a href="http://www.scott-electronics.com">www.scott-electronics.com</a></td>
</tr>
<tr>
<td>Scarf King</td>
<td>1012</td>
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<tr>
<td>ScribeAmerica</td>
<td>2421</td>
<td><a href="http://www.scribeamerica.com">www.scribeamerica.com</a></td>
</tr>
<tr>
<td>Secure Health, Inc.</td>
<td>2165</td>
<td><a href="http://www.vngtechnology.com">www.vngtechnology.com</a></td>
</tr>
</tbody>
</table>
Seiler Precision Microscopes ............................................................... 1119
www.seilermicro.com
Sensonics International ........................................................................ 333
www.sensonics.com
Shippert Medical Technologies, Inc. ............................................... 1920
www.shippertmedical.com
SinuSys Corporation ............................................................................. 725
www.sinusys.com
SleepSource Alliance ENT .................................................................. 1342
www.sleepsource.us
Smith & Nephew ................................................................................... 1721
www.smith-nephew.com
SMR ....................................................................................................... 2316
www.globalsurgical.com/ENTHome.aspx
Snap On Optics ................................................................................... 2259
www.snaponoptics.com
Somna Therapeutics ............................................................................ 1855
www.somnatherapeutics.com
Sontec Instruments, Inc. ...................................................................... 1711
www.sontecinstruments.com
SOREDEX .............................................................................................. 1816
www.soredex.com
Spectrum Audiology ...
Teva Respiratory ..................................................................................2123
www.tevapharm.com

The Billing Pros-Powered by Cvikota ..................................................2059
www.thebillingpros.com

The Doctors Company ........................................................................820
www.thedoctors.com

Thieme Medical Publishers ................................................................1216
www.thieme.com

TIMS for Audiology ............................................................................1042
www.cu.net/solutions/audiology

Ultralight Optics, Inc. ........................................................................2058
www.ultralightoptics.com

United Endoscopy ................................................................................1948
www.unitedendoscopy.com

Unitron ................................................................................................2365
www.unitron.com

University Medical Center Hamburg-Eppendorf .............................1142
www.voxel-man.com

University of Tennessee Methodist Physician Group .....................2459
www.methodisthealth.org

Veracyte .................................................................................................632
www.veracyte.com

Widex USA, Inc. ....................................................................................940
www.widex.com

Wiley ....................................................................................................2434
www.wiley.com

Wolters Kluwer/Lippincott Williams & Wilkins ..............................2427
www.lww.com

Xoran Technologies, Inc. .....................................................................1733
www.xorantech.com

Zumax Medical Company Ltd............................................................2255
www.zumaxmedical.com
## Shuttle Schedule

An official AAO-HNSF shuttle pass is required for outbound service.

### Routes 1-4

<table>
<thead>
<tr>
<th>Route</th>
<th>Inbound from Hotels to KBHCC, Hall D&lt;br&gt;Every 30 - 35 Minutes</th>
<th>To/From Hotels Departing KBHCC, Hall D&lt;br&gt;Every 30 - 35 Minutes</th>
<th>Return to Hotels from KBHCC, Hall D&lt;br&gt;Every 30 - 35 Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday, September 26</td>
<td>6:00 am - 10:30 am</td>
<td>10:30 am - 3:00 pm</td>
<td>3:00 pm - 6:00 pm</td>
</tr>
</tbody>
</table>

### Special Service Details

- **Sunday, September 27:** President’s Reception
  - Inbound service will be provided from all official shuttle stops to the Omni Dallas Hotel from 6:00 pm - 7:00 pm, every 15 to 20 minutes. Return service will be provided back to all official shuttle stops from 7:00 pm - 8:00 pm, every 20 to 30 minutes.

- **Monday, September 28:** OHS Dinner, Career Fair, and BOG General Assembly
  - Return service will be provided from the Omni Dallas Hotel, curbside on Young Street, to official shuttle stops from 7:00 pm - 8:30 pm, every 20-30 minutes.

- **Tuesday, September 29:** Alumni Reception and International Reception
  - Inbound service will be provided from all official shuttle stops to the Omni Dallas Hotel from 6:00 pm - 8:30 pm, every 15 to 20 minutes. Return Service will be provided back from the Omni Dallas, curbside on Young Street, to all official shuttle stops from 8:30 pm - 10:15 pm, every 15 to 20 minutes.

### Hotel Shuttle Information or ADA Transportation

Please call 1-877-714-2305. Accessible equipment is available during scheduled shuttle hours. Please request ADA service at least 20 minutes in advance of desired pick up time.
SHUTTLE SERVICE TO/FROM KBHCC AND AAO-HNSF OFFICIAL HOTELS

DALLAS, TEXAS

OFFICIAL SHUTTLE HOTELS

<table>
<thead>
<tr>
<th>Hotel Name</th>
<th>Route #</th>
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<tr>
<td>Omni Dallas Hotel</td>
<td>WD</td>
</tr>
<tr>
<td>555 S. Lamar Street</td>
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</tr>
<tr>
<td>Adolphus Hotel</td>
<td>2</td>
</tr>
<tr>
<td>1321 Commerce Street</td>
<td></td>
</tr>
<tr>
<td>Aloft Dallas Downtown</td>
<td>WD</td>
</tr>
<tr>
<td>1033 Young Street</td>
<td></td>
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<tr>
<td>Crowne Plaza Hotel - Downtown</td>
<td>3</td>
</tr>
<tr>
<td>Dallas</td>
<td></td>
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<tr>
<td>1015 Elm Street</td>
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<tr>
<td>Hyatt Regency Dallas</td>
<td>1</td>
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<tr>
<td>300 Reunion Blvd.</td>
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<tr>
<td>The Joule Dallas</td>
<td>2</td>
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<tr>
<td>1530 Main Street</td>
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</tr>
<tr>
<td>Magnolia Hotel Dallas</td>
<td>2</td>
</tr>
<tr>
<td>1401 Commerce Street</td>
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<tr>
<td>Fairmont Dallas Hotel</td>
<td>3</td>
</tr>
<tr>
<td>1717 N. Akard Street</td>
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<tr>
<td>Hotel Indigo</td>
<td>2</td>
</tr>
<tr>
<td>1933 Main Street</td>
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<tr>
<td>Sheraton Dallas</td>
<td>3</td>
</tr>
<tr>
<td>400 N. Olive Street</td>
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<tr>
<td>W Dallas - Victory</td>
<td>4</td>
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<tr>
<td>2440 Victory Park Lane</td>
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<tr>
<td>Dallas Marriott City Center</td>
<td>3</td>
</tr>
<tr>
<td>650 N. Pearl Street</td>
<td></td>
</tr>
<tr>
<td>Hilton Garden Inn Downtown</td>
<td>2</td>
</tr>
<tr>
<td>1600 Pacific Avenue</td>
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</tr>
</tbody>
</table>
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