ACCREDITATION STATEMENT

Continuing Medical Education Credit Information

Accreditation
This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American College of Surgeons and the American Society of Pediatric Otolaryngology. The American College of Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™
The American College of Surgeons designates this live activity for a maximum of 14.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Information
In compliance with the ACCME Accreditation Criteria, the American College of Surgeons, as the accredited provider of this activity, must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. All reported conflicts are managed by a designated official to ensure a bias-free presentation. Please see the insert to this program for the complete disclosure list.
ASPO MISSION STATEMENT

The Mission of the American Society of Pediatric Otolaryngology (ASPO) is to foster excellence in the care of children with otorhinolaryngologic (ORL) disorders by promoting education and collaborative research, and to share and disseminate advances and innovations in patient care through the Annual Meeting and other venues.

EDUCATIONAL OBJECTIVES

Following the program, participants should be able to:

• Identify treatment options for children with allergic rhinitis and chronic sinusitis that are based upon recent evidence-based guidelines.
• Implement a management protocol for head and neck vascular malformations that incorporates genetic testing into its treatment algorithms.
• Describe the impact of general anesthesia on the neurocognitive development of children undergoing surgery.

THANK YOU TO OUR SUPPORTERS:

ASPO would like to gratefully acknowledge the following companies for supporting the ASPO 2016 Meeting with an Educational Grant:

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kmadryk@facs.org
P 312-202-5293
## ASPO OFFICERS AND COMMITTEES

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Margo Benoit, MD, 2018
Marcella “Marci” Bothwell, MD, MBA, 2017
Lindhe Guarisco, MD, 2016
Blake Papsin, MD, FRCSC, 2016
Lawrence Simon, MD, 2017

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Anna Meyer, MD, 2018
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Committee Chair - Alan Cheng, MD, 2016
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Committee Chair - Robert “Bob” Chun, MD, 2016
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Cecelia Helwig, MD, 2016
Karín Hotchkiss, MD, 2016
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Committee Co-Chair - Craig Derkay, MD, 2016
Committee Co-Chair - Larry Simon, MD, 2016
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Sukgi Choi, MD, 2016

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Anna Messner, MD, 2016
Sukgi Choi, MD, 2016
Kathy Sie, MD, 2016
Rich Rosenfeld, MD, Consultant, 2016

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Committee Chair - Udayan Shah, MD, 2016
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BOG
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Marshall Smith, MD, 2017
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Seymour R. Cohen, MD 1985-1986
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Jerome Thompson, MD 2008-2009
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Peter J. Koltai, MD 2010-2011
Richard Rosenfeld, MD 2011-2012
Joseph E. Kerschner, MD 2012-2013
Robert F. Ward, MD 2013-2014
Marci M. Lesperance, MD 2014-2015
GUEST SPEAKERS 2016

CHARLES BLUESTONE LECTURE
Treating Ear Infections with Antibiotics May Have Hidden Costs
Martin J. Blaser, MD
Muriel and George Singer Professor of Medicine
Professor of Microbiology
Director, Human Microbiome Program
New York University Langone Medical Center

KERSCHNER LECTURE
Sustainable Development: The Holy Grail of Global Health
Stephen Berman, MD
Professor of Pediatrics and Public Health
Endowed chair in academic General Pediatrics
Director, Center for Global Health, Colorado School of Public Health

KARL STORZ LECTURE
Debunking the Myths Around Matching Into Graduate Medical Education
Henry Sondheimer, MD
Emeritus Senior Director, Medical Education,
Association of American Medical Colleges

AWARD RECIPIENTS 2016

INTERNATIONAL SCHOLAR
Gholamreza Bayazian, MD

FELLOW AWARD
Abdullah Aljasser, MD

FERGUSON AWARD – CLINICAL MANUSCRIPT
First Place:
Nicholas Scalzitti, MD

Second Place:
Katherine Wai, BS

Third Place (tied):
Sophie Shay, MD
Kareem Tawfik, MD

POTSIC AWARD – BASIC SCIENCE MANUSCRIPT
First Place:
Daniel Beswick, MD

Second Place:
Elise Graham, MD
SOCIAL EVENTS 2016

ASPO Fun Run
Friday, May 20
7:15 – 8:00 am
Hotel Lobby East Tower

ASPO Sustaining Our Future Reception
Friday, May 20
7:30 - 9:30 pm
Offsite Event – Public House (400 N State)

ASPO Past Presidents’ Breakfast*
Saturday, May 21
6:30 – 7:30 am
Columbus G

ASPO Banquet
Saturday, May 21
6:30 – 8:30 pm
Plaza Ballroom

To purchase tickets to any of the ASPO Special Events, please visit COSM Registration. We would love to have you join us!

*Invitation Only
ASPO PROGRAM SCHEDULE
# ASPO PROGRAM SCHEDULE

**FRIDAY, MAY 20 • 1:00 – 5:00 PM • GRAND CD**

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<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>SPEAKERS</th>
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</thead>
<tbody>
<tr>
<td>1:00 - 1:05 pm</td>
<td>Opening by Program Chair</td>
<td>Stacey L. Ishman, MD, MPH</td>
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<tr>
<td>1:05 - 1:10 pm</td>
<td>Presidential Welcome</td>
<td>Kenny H. Chan, MD</td>
</tr>
<tr>
<td>1:10 - 1:50 pm</td>
<td><strong>Scientific Session 1: Tonsils &amp; Adenoids</strong></td>
<td>Moderators: Javan Nation, MD; Todd Wine, MD</td>
</tr>
<tr>
<td>1:10 - 1:18 pm</td>
<td>A Theory for Post Tonsillectomy Hemorrhage: Epithelial Separation in a Mouse Model &amp; Potential Prevention Via Heparin Binding Epidermal Growth Factor</td>
<td>Daniel M. Beswick, MD</td>
</tr>
<tr>
<td>1:18 - 1:26 pm</td>
<td>Preferred Parental Method of Post-Operative Tonsillectomy Follow Up: Phone Call vs. Clinic</td>
<td>Martin E. Anderson, MD</td>
</tr>
<tr>
<td>1:26 - 1:34 pm</td>
<td>Effect of Intraoperative Intravenous Acetaminophen (Ofirmev®) on Perioperative Morphine Use and Discharge Readiness in Pediatric Tonsillectomy</td>
<td>Allison Ordemann, MD</td>
</tr>
<tr>
<td>1:34 - 1:42 pm</td>
<td>Adenotonsillectomy is Not Associated with Increased Weight Gain in Children with Down Syndrome</td>
<td>Zachary Farhood, MD</td>
</tr>
<tr>
<td>1:42 - 1:50 pm</td>
<td>Glossopharyngeal Nerve Taste in Children with Recurrent Acute Tonsillitis</td>
<td>Courtney A. Hill, MD</td>
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<tr>
<td>1:50 - 1:55 pm</td>
<td>Q&amp;A</td>
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<tr>
<td>1:55 - 2:40 pm</td>
<td><strong>Panel 1: Robin Cotton Panel:</strong> Neurocognitive Effects of General Anesthesia In Children: Research, Rumors, and Real Parental Concerns</td>
<td>Moderator: Samantha Anne, MD, MS Panelists: Emily Boss, MD; James Schroeder, MD; Marc Thorne, MD; Ravi Shah, MD; Shelly Rodriguez, MD</td>
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<tr>
<td>2:40 - 3:10 pm</td>
<td>Break with Exhibitors</td>
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<tr>
<td>TIME</td>
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<td>SPEAKERS</td>
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<tr>
<td>3:10 - 3:47 pm</td>
<td><strong>Scientific Session 2: Potpourri</strong></td>
<td>Moderators: David Brown, MD; Noel Jabbour, MD</td>
</tr>
<tr>
<td>3:10 - 3:18 pm</td>
<td>Diagnosing Subtle Palatal Anomalies: Validation of Video-Analysis and Assessment Protocol for Diagnosing Occult Submucous Cleft Palate</td>
<td>Ryan Rourke, MD</td>
</tr>
<tr>
<td>3:18 - 3:26 pm</td>
<td>Identification of Copy Number Variants Using Whole Exome Sequencing in Non-Syndromic Cleft Lip And Palate</td>
<td>Yi Cai</td>
</tr>
<tr>
<td>3:26 - 3:34 pm</td>
<td>An Update on Pediatric Thyroid Cancer from the SEER Database from 2008 to 2012</td>
<td>Sarah Dermody, BS</td>
</tr>
<tr>
<td>3:34 - 3:42 pm</td>
<td>3D-Printed Pediatric Endoscopic Ear Surgery Simulator</td>
<td>Samuel R. Barber, MS</td>
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<tr>
<td>3:42 - 3:47 pm</td>
<td>Q&amp;A</td>
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<tr>
<td>3:47 - 4:32 pm</td>
<td><strong>Karl Storz Lecture: Debunking the Myths Around Matching Into Graduate Medical Education</strong></td>
<td>Henry Sondheimer, MD</td>
</tr>
<tr>
<td>4:32 - 5:00 pm</td>
<td><strong>Scientific Session 3: Airway</strong></td>
<td>Moderators: Claudio Schweiger, MD; Charles Myer IV, MD</td>
</tr>
<tr>
<td>4:32 - 4:40 pm</td>
<td>A Randomized Controlled Trial of Velcro Versus Standard Twill Ties Following Pediatric Tracheotomy</td>
<td>Kareem O. Tawfik, MD</td>
</tr>
<tr>
<td>4:40 - 4:48 pm</td>
<td>Pediatric Laryngotracheal Stenosis Following Intubation: National Incidence and Trends</td>
<td>Sophie G. Shay, MD</td>
</tr>
<tr>
<td>4:48 - 4:56 pm</td>
<td>Airway Fluoroscopy and Laryngotracheal Anomalies in Infants</td>
<td>Amal Isaiah, MD, PhD</td>
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<tr>
<td>4:56 - 5:00 pm</td>
<td>Q&amp;A</td>
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<tr>
<td>5:30 - 7:30 pm</td>
<td><strong>Poster Reception</strong></td>
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<tr>
<td>7:30 - 9:30 pm</td>
<td><strong>ASPO Sustaining Our Future Reception</strong></td>
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**SATURDAY, MAY 21 • 7:30 AM – 5:30 PM • GRAND CD**

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<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>SPEAKERS</th>
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</table>
| 7:30 - 8:15 am | Panel 2: Management and Controversy in Pediatric Thyroid Disorders | Moderator: Paul Krakovitz, MD  
Panelists: Michael Rutter, MD; Jeffrey Simons, MD; Ken Kazahaya, MD |
<p>| 8:15 - 9:02 am | Scientific Session 4: Head &amp; Neck and Voice             | Moderators: Peggy Kelley, MD; Jeremy Meier, MD                             |
| 8:15 - 8:23 am | The Histolopathological Effects of Onabotulinum Toxin Type A Treatment on Pediatric Sialorrhea Patients | Ashley Mosseri, BSc                                                       |
| 8:23 - 8:31 am | Pediatric Septoplasty and Septorhinoplasty: A Quality of Life Outcome Study | German Fikhman, MD                                                       |
| 8:31 - 8:39 am | Anatomic Basis for a Reliable and Reproducible Approach to the Suprahyoid Region in Thyroglossal Duct Remnant Surgery | Jennifer A. Brooks, MD; MPH                                               |
| 8:39 - 8:47 am | The Use of Cry Volume Decibel as an Assessment of Vocal Fold Movement Impairment in the Pediatric Population | Yi-Chun C. Liu, MD; MS                                                   |
| 8:47 - 8:55 am | Salivary Glands Carcinomas in Children                   | Vincent Couloigner, MD; PhD                                               |
| 8:55 - 9:02 am | Q&amp;A                                                     |                                                                          |
| 9:02 - 9:42 am | Bluestone Lecture: Treating Ear Infections with Antibiotics May Have Hidden Costs | Martin J. Blaser, M.D.                                                   |
| 9:42 - 10:10 am | Break with Exhibitors                                  |                                                                          |
| 10:10 - 10:50 am | Scientific Session 5: Hearing Loss                      | Moderators: Albert Park, MD; Françoise Denoyelle, MD; PhD                |
| 10:18 - 10:26 am | Hearing Devices in Pediatric Unilateral Hearing Loss: Patient- and Parent-Reported Outcomes | Patricia L. Purcel, MD; MPH                                               |</p>
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<tr>
<th>TIME</th>
<th>TITLE</th>
<th>SPEAKERS</th>
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<tbody>
<tr>
<td>10:26 - 10:34 am</td>
<td>Mobile Tablet Audiometry – A New Component to the Routine Speech Pathology Evaluation</td>
<td>Matthew Bromwich, MD, BSc</td>
</tr>
<tr>
<td>10:34 - 10:42 am</td>
<td>Preliminary Pediatric Experience Using a Cochlear Implant with a Novel Pedestal Design: Increasing Efficiency Without Compromising Device Security</td>
<td>William J. Parkes, MD</td>
</tr>
<tr>
<td>10:42 - 10:50 am</td>
<td>High Prevalence of Val37ile Connexin 26 Mutation Among Asian American Children With Sensorineural Hearing Loss</td>
<td>William S. Kim, MD</td>
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<tr>
<td>10:50 - 10:55 am</td>
<td>Q&amp;A</td>
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<td>10:55 - 11:40 am</td>
<td>Panel 3: 3D Printing in Otolaryngology - Head and Neck Surgery</td>
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<td>Moderator: Glenn Green, MD Panelists: David Zopf, MD; Lee Smith, MD; Ayishwariya Menon, MEng</td>
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<tr>
<td>11:40 am - 12:10 pm</td>
<td>Scientific Session 6: Tracheostomy</td>
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<td>Moderators: Catherine Hart, MD; Margaret Skinner, MD</td>
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<tr>
<td>11:40 - 11:48 am</td>
<td>Characteristics of Extremely Low Gestational Age Newborns Undergoing Tracheotomy</td>
<td>Katherine C. Wai, BS</td>
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<tr>
<td>11:48 - 11:56 am</td>
<td>Tracheostomy After Pediatric Cardiac Surgery: A Systematic Review</td>
<td>Elton M. Lambert, MD</td>
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<tr>
<td>11:56 - 12:04 pm</td>
<td>Prevention of Post-Operative Pediatric Tracheotomy Wounds: A Multidisciplinary Team Approach</td>
<td>Nolan B. Seim, MD</td>
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<tr>
<td>12:04 - 12:10 pm</td>
<td>Q&amp;A</td>
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<tr>
<td>12:10 - 1:10 pm</td>
<td>Lunch with Exhibitors</td>
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<td>1:15 – 2:00 pm</td>
<td>Scientific Session 7: Obstructive Sleep Apnea</td>
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<td>Moderators: Heather Nardone, MD; Donald Kearny, MD</td>
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<tr>
<td>1:15 – 1:23 pm</td>
<td>Pediatric Head and Neck Vascular Malformations and Sleep Disordered Breathing</td>
<td>Megan Durr</td>
</tr>
<tr>
<td>1:23 – 1:31 pm</td>
<td>Hypoglossal Nerve Stimulator Implantation in Adolescents with Down Syndrome and Obstructive Sleep Apnea</td>
<td>Gillian R. Diercks, MD</td>
</tr>
<tr>
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<tr>
<td>1:31 – 1:39 pm</td>
<td>Pediatric Home Sleep Studies: A Prospective Study</td>
<td>Nicholas J. Scalzitti, MD</td>
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<tr>
<td>1:39 – 1:47 pm</td>
<td>Correlation of Chronic Intermittent Hypoxemia on Brain MRI in Children with Obstructive Sleep Apnea: A Cohort Study at a Pediatric Tertiary Center</td>
<td>Mary F. Musso, DO</td>
</tr>
<tr>
<td>1:47 – 1:55 pm</td>
<td>The Efficacy of Adenotonsillectomy for Obstructive Sleep Apnea in Down Syndrome: A Systematic Review</td>
<td>Javan J. Nation, MD</td>
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<tr>
<td>1:55 – 2:00 pm</td>
<td>Q&amp;A</td>
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<tr>
<td>2:00 – 2:40 pm</td>
<td>Kerschner Lecture: Sustainable Development: The Holy Grail of Global Health</td>
<td>Stephen Berman, MD</td>
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<td>2:40 – 3:10 pm</td>
<td>Break with Exhibitors</td>
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<tr>
<td>3:10 - 3:40 pm</td>
<td>Scientific Session 8: Otitis Media</td>
<td>Moderators: Daniel Choo, MD; Stephen Hoff, MD</td>
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<tr>
<td>3:10 - 3:18 pm</td>
<td>Early Placement of Tympanostomy Tubes in Cleft Lip and Palate Infants: A Systematic Review</td>
<td>Mark Felton, MD, BSC, MSC</td>
</tr>
<tr>
<td>3:18 - 3:26 pm</td>
<td>Familial Risk of Otitis Media Requiring Tympanostomy Tubes</td>
<td>Reema Padia, MD</td>
</tr>
<tr>
<td>3:26 - 3:34 pm</td>
<td>“On Command” Dissolvable Tympanostomy Tubes in the Chinchilla Model</td>
<td>Joshua Weiderman, MD</td>
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<tr>
<td>3:34 - 3:40 pm</td>
<td>Q&amp;A</td>
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<td>3:40 - 4:10 pm</td>
<td>PedsVideoto</td>
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<tr>
<td>4:10 - 4:30 pm</td>
<td>Awards Ceremony</td>
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<tr>
<td>4:30 – 5:30 pm</td>
<td>ASPO Business Meeting (ASPO Members Only)</td>
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<tr>
<td>6:30 - 8:30 pm</td>
<td>ASPO Banquet</td>
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SUNDAY, MAY 22 • 7:30 AM – 12:00 PM • GRAND CD

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<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>SPEAKERS</th>
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<tbody>
<tr>
<td>7:00 - 7:30 am</td>
<td>ASPO Business Meeting (ASPO Members Only)</td>
<td></td>
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</tbody>
</table>
| 7:30 - 8:10 am| Panel 4: Richard Rosenfeld Panel: Who NOSE the Evidence? Highlights and Controversies of Recently Published Guidelines and Statements on Allergic Rhinitis and Pediatric Rhinosinusitis | Moderator: Emily Boss, MD, MPH  
Panelists: David Tunkel, MD; Fuad Baroody, MD; Jennifer Shin, MD, MPH |
<p>| 8:10 - 9:00 am| Scientific Session 9: Otitis Media &amp; Otology                         | Moderators: Samantha Anne, MD, MS; Doug Sidell, MD |
| 8:10 - 8:18 am| Same Day Evaluation and Surgery for Otitis Media and Tympanostomy Tube Placement: A Feasibility Study | Kathleen R. Billings, MD                       |
| 8:18 - 8:26 am| Effects of Primary Home Language on the Multi-Disciplinary Care of Children with Hearing Loss | Brooke M. Su                                  |
| 8:26 - 8:34 am| Administration of an Extended-Release Ciprofloxacin Gel After Tympanostomy Tube Placement in Children with Middle Ear Effusion | Eric A. Mair, MD                              |
| 8:34 - 8:42 am| Purification and Characterization of Vesicular Micrornas Within Middle Ear Fluid Exosomes: Implication in Otitis Media Pathophysiology | Stéphanie Val, PhD                           |
| 8:42 - 8:50 am| Mouse Model of Ear Canal Stenosis                                     | Rodrigo C. Silva, MD                          |
| 8:50 - 9:00 am| Q&amp;A                                                                   |                                               |
| 9:00 - 9:40 am| Scientific Session 10: Quality Initiatives                           | Moderators: Marc Thorne, MD; Daniel Chelius, MD |
| 9:00 - 9:08 am| To Page or Not to Page: A Survey of Pediatric Residents on Common Otolaryngology Problems | Daniel Wehrmann, MD                           |
| 9:08 - 9:16 am| Utilization of a Handheld Metal Detector Protocol To Reduce Radiation Exposure in Pediatric Patients with Esophageal Coins | Abdullah Aljasser, MD                         |</p>
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<td>9:16 - 9:24 am</td>
<td>Shared Decision-Making in Pediatric Otolaryngology: Parent, Physician and Observational Perspectives</td>
<td><em>Erin Maguire, BSc</em></td>
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<td>9:24 - 9:32 am</td>
<td>Cost Analysis of a Multidisciplinary Aerodigestive Clinic - Are Such Clinics Financially Feasible?</td>
<td><em>Nancy M. Bauman, MD</em></td>
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<td>9:32 - 9:40 am</td>
<td>Q&amp;A</td>
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<td>9:40 - 10:10 am</td>
<td><strong>Break with Exhibitors</strong></td>
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| 10:10 - 10:50 am | Panel 5: Update and Best Evidence in Management in Treatment of Vascular Anomalies | *Moderator: Robert Chun, MD*;
|              |                                                                      | *Panelists: Giridhar Shivaram, MD; Randall Bly, MD; Gresham Richter, MD; Steven Goudy, MD* |
| 10:50 - 11:30 am | Scientific Session 11: Potpourri II                                   | *Moderators: Vincent Couloigner, MD, PhD; David Zopf, MD* |
| 10:50 - 10:58 am | The Impact of Chronic Rhinosinusitis on Nutritional Status in Pediatric Cystic Fibrosis Patients | *Lourdes Quintanilla-Dieck, MD*               |
| 10:58 - 11:06 am | Clinical Significance of Screening Electrocardiograms for the Administration of Propranolol for Infantile Hemangiomas | *James D. Phillips, MD*                       |
| 11:06 - 11:14 am | Thermal Effect of Otolaryngologic Microscopes                          | *Marisa A. Earley, MD*                       |
| 11:14 - 11:22 am | Outcomes of Pain, Diet, and Activity with the use of a Low Thermal Damage Device vs. Traditional Electrosurgery for Adenotonsillectomy in Children | *Kathryn V. Blake, PharmD*                   |
| 11:22 - 11:30 am | Q&A                                                                   |                                               |
| 11:30 am - 12:00 pm | **Scientific Session 12: Airway**                                     | *Moderators: Karthik Balakrishnan, MD;
<p>|              |                                                                      | <em>Deepak Mehta, MD</em>                           |
| 11:30 - 11:38 am | Decreased Cerebral Oxygen Saturation Levels During Direct Laryngoscopy with Spontaneous Ventilation in Children | <em>Oshri Wasserzug, MD</em>                        |</p>
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<td>11:46 - 11:54 am</td>
<td>Tissue-Engineered Cartilaginous Trachea Using Resorbable Polymer Scaffolds</td>
<td>Joshua R. Bedwell, MD</td>
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<td>11:54 am - 12:00 pm</td>
<td>Q&amp;A</td>
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<td>12:00 pm</td>
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2016 ASPO SCIENTIFIC POSTERS
2016 ASPO SCIENTIFIC POSTERS

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Characterizing Mortality in Pediatric Tracheostomy Patients

G004
Use of the Gold Laser In Pediatric Airway Lesions

G005
Indications of Pediatric Tracheostomy Over the Last 30 Years

G006
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G009
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G022  Laryngomalacia: The Importance of Disease Severity

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