

AMERICAN SOCIETY OF
PEDIATRIC OTOLARYNGOLOGY

ASPO 2016 ANNUAL MEETING

PROGRAM BOOK

WWW.ASPO.US



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.

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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:

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Robert F. Ward, MD	<i>2013-2014</i>
Marci M. Lesperance, MD	<i>2014-2015</i>

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

TIME	TITLE	SPEAKERS
1:00 - 1:05 pm	Opening by Program Chair	<i>Stacey L. Ishman, MD, MPH</i>
1:05 - 1:10 pm	Presidential Welcome	<i>Kenny H. Chan, MD</i>
1:10 - 1:50 pm	Scientific Session 1: Tonsils & Adenoids	<i>Moderators: Javan Nation, MD; Todd Wine, MD</i>
1:10 - 1:18 pm	A Theory for Post Tonsillectomy Hemorrhage: Epithelial Separation in a Mouse Model & Potential Prevention Via Heparin Binding Epidermal Growth Factor	<i>Daniel M. Beswick, MD</i>
1:18 - 1:26 pm	Preferred Parental Method of Post-Operative Tonsillectomy Follow Up: Phone Call vs. Clinic	<i>Martin E. Anderson, MD</i>
1:26 - 1:34 pm	Effect of Intraoperative Intravenous Acetaminophen (Ofirmev®) on Perioperative Morphine Use and Discharge Readiness in Pediatric Tonsillectomy	<i>Allison Ordemann, MD</i>
1:34 - 1:42 pm	Adenotonsillectomy is Not Associated with Increased Weight Gain in Children with Down Syndrome	<i>Zachary Farhood, MD</i>
1:42 - 1:50 pm	Glossopharyngeal Nerve Taste in Children with Recurrent Acute Tonsillitis	<i>Courtney A. Hill, MD</i>
1:50 - 1:55 pm	Q&A	
1:55 - 2:40 pm	Panel 1: Robin Cotton Panel: Neurocognitive Effects of General Anesthesia In Children: Research, Rumors, and Real Parental Concerns	
	Moderator: Samantha Anne, MD, MS Panelists: Emily Boss, MD; James Schroeder, MD; Marc Thorne, MD; Ravi Shah, MD; Shelly Rodriguez, MD	
2:40 - 3:10 pm	Break with Exhibitors	

TIME	TITLE	SPEAKERS
3:10 - 3:47 pm	Scientific Session 2: Potpourri	<i>Moderators: David Brown, MD; Noel Jabbour, MD</i>
3:10 - 3:18 pm	Diagnosing Subtle Palatal Anomalies: Validation of Video-Analysis and Assessment Protocol for Diagnosing Occult Submucous Cleft Palate	<i>Ryan Rourke, MD</i>
3:18 - 3:26 pm	Identification of Copy Number Variants Using Whole Exome Sequencing in Non-Syndromic Cleft Lip And Palate	<i>Yi Cai</i>
3:26 - 3:34 pm	An Update on Pediatric Thyroid Cancer from the SEER Database from 2008 to 2012	<i>Sarah Dermody, BS</i>
3:34 - 3:42 pm	3D-Printed Pediatric Endoscopic Ear Surgery Simulator	<i>Samuel R. Barber, MS</i>
3:42 - 3:47 pm	Q&A	
3:47 - 4:32 pm	Karl Storz Lecture: Debunking the Myths Around Matching Into Graduate Medical Education	<i>Henry Sondheimer, MD</i>
4:32 - 5:00 pm	Scientific Session 3: Airway	<i>Moderators: Claudio Schweiger, MD; Charles Myer IV, MD</i>
4:32 - 4:40 pm	A Randomized Controlled Trial of Velcro Versus Standard Twill Ties Following Pediatric Tracheotomy	<i>Kareem O. Tawfik, MD</i>
4:40 - 4:48 pm	Pediatric Laryngotracheal Stenosis Following Intubation: National Incidence and Trends	<i>Sophie G. Shay, MD</i>
4:48 - 4:56 pm	Airway Fluoroscopy and Laryngotracheal Anomalies in Infants	<i>Amal Isaiah, MD, PhD</i>
4:56 - 5:00 pm	Q&A	
5:30 - 7:30 pm	Poster Reception	
7:30 - 9:30 pm	ASPO Sustaining Our Future Reception	

SATURDAY, MAY 21 • 7:30 AM – 5:30 PM • GRAND CD

TIME	TITLE	SPEAKERS
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	
8:15 - 9:02 am	Scientific Session 4: Head & Neck and Voice	<i>Moderators: Peggy Kelley, MD; Jeremy Meier, MD</i>
8:15 - 8:23 am	The Histopathological Effects of Onabotulinum Toxin Type A Treatment on Pediatric Sialorrhea Patients	<i>Ashley Mosseri, BSc</i>
8:23 - 8:31 am	Pediatric Septoplasty and Septorhinoplasty: A Quality of Life Outcome Study	<i>German Fikhman, MD</i>
8:31 - 8:39 am	Anatomic Basis for a Reliable and Reproducible Approach to the Suprahyoid Region in Thyroglossal Duct Remnant Surgery	<i>Jennifer A. Brooks, MD, MPH</i>
8:39 - 8:47 am	The Use of Cry Volume Decibel as an Assessment of Vocal Fold Movement Impairment in the Pediatric Population	<i>Yi-Chun C. Liu, MD, MS</i>
8:47 - 8:55 am	Salivary Glands Carcinomas in Children	<i>Vincent Couloigner, MD, PhD</i>
8:55 - 9:02 am	Q&A	
9:02 - 9:42 am	Bluestone Lecture: Treating Ear Infections with Antibiotics May Have Hidden Costs	<i>Martin J. Blaser, M.D.</i>
9:42 - 10:10 am	Break with Exhibitors	
10:10 - 10:50 am	Scientific Session 5: Hearing Loss	<i>Moderators: Albert Park, MD; Françoise Denoyelle, MD, PhD</i>
10:10 - 10:18 am	Prevalence of Hearing Loss in U.S. Children and Adolescents: Findings from NHANES 1988-2010	<i>Brooke M. Su</i>
10:18 - 10:26 am	Hearing Devices in Pediatric Unilateral Hearing Loss: Patient- and Parent-Reported Outcomes	<i>Patricia L. Purcel, MD, MPH</i>

TIME	TITLE	SPEAKERS
10:26 - 10:34 am	Mobile Tablet Audiometry – A New Component to the Routine Speech Pathology Evaluation	<i>Matthew Bromwich, MD, BSc</i>
10:34 - 10:42 am	Preliminary Pediatric Experience Using a Cochlear Implant with a Novel Pedestal Design: Increasing Efficiency Without Compromising Device Security	<i>William J. Parkes, MD</i>
10:42 - 10:50 am	High Prevalence of Val37ile Connexin 26 Mutation Among Asian American Children With Sensorineural Hearing Loss	<i>William S. Kim, MD</i>
10:50 - 10:55 am	Q&A	
10:55 - 11:40 am	Panel 3: 3D Printing in Otolaryngology - Head and Neck Surgery	
	Moderator: Glenn Green, MD Panelists: David Zopf, MD; Lee Smith, MD; Ayishwariya Menon, MEng	
11:40 am - 12:10 pm	Scientific Session 6: Tracheostomy	<i>Moderators: Catherine Hart, MD; Margaret Skinner, MD</i>
11:40 - 11:48 am	Characteristics of Extremely Low Gestational Age Newborns Undergoing Tracheotomy	<i>Katherine C. Wai, BS</i>
11:48 - 11:56 am	Tracheostomy After Pediatric Cardiac Surgery: A Systematic Review	<i>Elton M. Lambert, MD</i>
11:56 - 12:04 pm	Prevention of Post-Operative Pediatric Tracheotomy Wounds: A Multidisciplinary Team Approach	<i>Nolan B. Seim, MD</i>
12:04 - 12:10 pm	Q&A	
12:10 - 1:10 pm	Lunch with Exhibitors	
1:15 – 2:00 pm	Scientific Session 7: Obstructive Sleep Apnea	<i>Moderators: Heather Nardone, MD; Donald Keamy, MD</i>
1:15 – 1:23 pm	Pediatric Head and Neck Vascular Malformations and Sleep Disordered Breathing	<i>Megan Durr</i>
1:23 – 1:31 pm	Hypoglossal Nerve Stimulator Implantation in Adolescents with Down Syndrome and Obstructive Sleep Apnea	<i>Gillian R. Diercks, MD</i>

TIME	TITLE	SPEAKERS
1:31 – 1:39 pm	Pediatric Home Sleep Studies: A Prospective Study	<i>Nicholas J. Scalzitti, MD</i>
1:39 – 1:47 pm	Correlation of Chronic Intermittent Hypoxemia on Brain MRI in Children with Obstructive Sleep Apnea: A Cohort Study at a Pediatric Tertiary Center	<i>Mary F. Musso, DO</i>
1:47 – 1:55 pm	The Efficacy of Adenotonsillectomy for Obstructive Sleep Apnea in Down Syndrome: A Systematic Review	<i>Javan J. Nation, MD</i>
1:55 – 2:00 pm	Q&A	
2:00 – 2:40 pm	Kerschner Lecture: Sustainable Development: The Holy Grail of Global Health	<i>Stephen Berman, MD</i>
2:40 – 3:10 pm	Break with Exhibitors	
3:10 - 3:40 pm	Scientific Session 8: Otitis Media	<i>Moderators: Daniel Choo, MD; Stephen Hoff, MD</i>
3:10 - 3:18 pm	Early Placement of Tympanostomy Tubes in Cleft Lip and Palate Infants: A Systematic Review	<i>Mark Felton, MD, BSC, MSC</i>
3:18 - 3:26 pm	Familial Risk of Otitis Media Requiring Tympanostomy Tubes	<i>Reema Padia, MD</i>
3:26 - 3:34 pm	“On Command” Dissolvable Tympanostomy Tubes in the Chinchilla Model	<i>Joshua Weiderman, MD</i>
3:34 - 3:40 pm	Q&A	
3:40 - 4:10 pm	PedsVideoto	
4:10 - 4:30 pm	Awards Ceremony	
4:30 – 5:30 pm	ASPO Business Meeting (ASPO Members Only)	
6:30 - 8:30 pm	ASPO Banquet	

SUNDAY, MAY 22 • 7:30 AM – 12:00 PM • GRAND CD

TIME	TITLE	SPEAKERS
7:00 - 7:30 am	ASPO Business Meeting (ASPO Members Only)	
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 Barood, MD; Jennifer Shin, MD, MPH	
8:10 - 9:00 am	Scientific Session 9: Otitis Media & Otology	<i>Moderators: Samantha Anne, MD, MS; Doug Sidell, MD</i>
8:10 - 8:18 am	Same Day Evaluation and Surgery for Otitis Media and Tympanostomy Tube Placement: A Feasibility Study	<i>Kathleen R. Billings, MD</i>
8:18 - 8:26 am	Effects of Primary Home Language on the Multi-Disciplinary Care of Children with Hearing Loss	<i>Brooke M. Su</i>
8:26 - 8:34 am	Administration of an Extended-Release Ciprofloxacin Gel After Tympanostomy Tube Placement in Children with Middle Ear Effusion	<i>Eric A. Mair, MD</i>
8:34 - 8:42 am	Purification and Characterization of Vesicular MicromRNAs Within Middle Ear Fluid Exosomes: Implication in Otitis Media Pathophysiology	<i>Stéphanie Val, PhD</i>
8:42 - 8:50 am	Mouse Model of Ear Canal Stenosis	<i>Rodrigo C. Silva, MD</i>
8:50 - 9:00 am	Q&A	
9:00 - 9:40 am	Scientific Session 10: Quality Initiatives	<i>Moderators: Marc Thorne, MD; Daniel Chelius, MD</i>
9:00 - 9:08 am	To Page or Not to Page: A Survey of Pediatric Residents on Common Otolaryngology Problems	<i>Daniel Wehrmann, MD</i>
9:08 - 9:16 am	Utilization of a Handheld Metal Detector Protocol To Reduce Radiation Exposure in Pediatric Patients with Esophageal Coins	<i>Abdullah Aljasser, MD</i>

TIME	TITLE	SPEAKERS
9:16 - 9:24 am	Shared Decision-Making in Pediatric Otolaryngology: Parent, Physician and Observational Perspectives	<i>Erin Maguire, BSc</i>
9:24 - 9:32 am	Cost Analysis of a Multidisciplinary Aerodigestive Clinic - Are Such Clinics Financially Feasible?	<i>Nancy M. Bauman, MD</i>
9:32 - 9:40 am	Q&A	
9:40 - 10:10 am	Break with Exhibitors	
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	<i>Moderators: Vincent Couloigner, MD, PhD; David Zopf, MD</i>
10:50 - 10:58 am	The Impact of Chronic Rhinosinusitis on Nutritional Status in Pediatric Cystic Fibrosis Patients	<i>Lourdes Quintanilla-Dieck, MD</i>
10:58 - 11:06 am	Clinical Significance of Screening Electrocardiograms for the Administration of Propranolol for Infantile Hemangiomas	<i>James D. Phillips, MD</i>
11:06 - 11:14 am	Thermal Effect of Otolaryngologic Microscopes	<i>Marisa A. Earley, MD</i>
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	<i>Kathryn V. Blake, PharmD</i>
11:22 - 11:30 am	Q&A	
11:30 am - 12:00 pm	Scientific Session 12: Airway	<i>Moderators: Karthik Balakrishnan, MD; Deepak Mehta, MD</i>
11:30 - 11:38 am	Decreased Cerebral Oxygen Saturation Levels During Direct Laryngoscopy with Spontaneous Ventilation in Children	<i>Oshri Wasserzug, MD</i>

TIME	TITLE	SPEAKERS
11:38 - 11:46 am	Objective Characterization of Airway Dimensions Using Image Processing	<i>Christian R. Francom, MD</i>
11:46 - 11:54 am	Tissue-Engineered Cartilaginous Trachea Using Resorbable Polymer Scaffolds	<i>Joshua R. Bedwell, MD</i>
11:54 am - 12:00 pm	Q&A	
12:00 pm	Meeting Adjourns	

2016 ASPO SCIENTIFIC POSTERS

2016 ASPO SCIENTIFIC POSTERS

Airway

G001

Hospital Admissions for Tracheitis in Patients with Tracheostomies

G002

Comfort Level with the Pediatric Airway: A Survey of First Responders

G003

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

Esophagogastroduoendoscopy and Impedance Monitoring in Patients Undergoing Laryngotracheal Reconstruction (LTR)

G007

Airway Management in Trisomy 18 Children - Life Saving Interventions for a Historically Lethal Diagnosis.

G008

Congenital Tracheal Cyst: An Unusual Case of Neonatal Stridor

G009

Successful Conservative Management of a Rare Complication of Tracheostomy; Extensive Posterior Tracheal False Pouch

G010

Ethnic Disparities in Pediatric Laryngeal Stenosis

G011

Pediatric Laryngotracheal Separation Post Go-Cart Accident

G012

Inter-Arytenoid Augmentation for Persistent Pharyngeal Dysphagia: Methods of Predicting Successful Outcomes

G013

Airway Measurements in Children with Subglottic Stenosis Using Video Endoscopy and CT Scan-Based Airway Reconstruction

G014

Outpatient Presentation of Glottic/Subglottic Stenosis-Treatment Options To Avoid Tracheostomy

G015

Evaluation and Diagnosis of Eosinophilic Esophagitis at a Tertiary Pediatric Referral Center

G016

Congenital Grade 4 Tracheal Stenosis: Exit Procedure to Cervical Slide Tracheoplasty

G017

National Trends in Resource Utilization in the Management of Subglottic Stenosis in Children

G018

the Utility of Capped Polysomnogram in Predicting Successful Decannulation of Pediatric Tracheotomy Patients

G019

Impact of Functional Status and Medical Comorbidities on Tracheostomy Decannulation in Pediatric Patients

G020

Interval Bronchoscopy in Pediatric Patients with Tracheotomy Tube Dependence

G021

Nasopharyngeal Airways Expand With Moisture

G022

Laryngomalacia: The Importance of Disease Severity

G023

Clinical Presentation and Airway Management of Tracheal Atresia: A Systematic Review

G024

Mandibular Distraction for Neonates with Pierre Robin Sequence Improves Cormack-Lehane Airway Grade

G025

Protocol of Injection of Botulinum Toxin into the Salivary Glands to Reduce Drooling in Children with Cerebral Palsy

G026

The Critical Neonatal Airway, Varying Etiologies of Upper Airway Obstruction as an Indication for Tracheostomy in the Neonatal Intensive Care Unit

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