

**ASPO 2018 Program Schedule: Surgery and Surgeons of the Future  
April 20-22, 2018 - National Harbor, MD**

Friday, April 20				
Time	Code	Session Title	Presenter	Room/Location
7:00 - 8:00 am		ASPO Fun Run		Maryland Foyer
1:00 - 2:00 pm	KEY01	Welcome and Bluestone Lecture: Peter Angelos, MD, PhD: "Surgical Ethics and the Future of Surgical Practice"		Maryland A
2:00 - 2:30 pm	GS01	Updates in Education and Clinical Practice		Maryland A
2:00 - 2:07 pm		Can We Learn Faster? A Pilot Study on the Use of Surgical Videos and Tonsillectomy OSATS	Miranda Colletta, MD	
2:07 - 2:14 pm		Multi-Center Inter-Rater Reliability in The Endoscopic Assessment of Velopharyngeal Function using a Video Instruction Tool	Craig Miller, MD	
2:14 - 2:21 pm		Consent in Flexible Laryngoscopy - A Survey of ASPO Members	Romaine Johnson, MD	
2:21 - 2:30 pm		Q&A		
2:30 - 3:00 pm	COF01	Coffee Break with Exhibitors		Prince George Exhibit Hall
3:00 - 3:40 pm	GS02	Airway		Maryland A
3:00 - 3:07 pm		The Wound Healing Capacity of Undifferentiated and Differentiated Airway Epithelial Cells In Vitro	Cynthia Schwartz, MS	
3:07 - 3:14 pm		Loss of Mesenchymal Tsc2 Expression Leads to Tracheal Stenosis Formation	Christian Hocstim, MD, PhD	
3:14 - 3:21 pm		Growth and Management of Repaired Complete Tracheal Rings after Slide Tracheoplasty	Lyndy Wilcox, MD	
3:21 - 3:28 pm		Innovative Management of Severe Tracheobronchomalacia using Anterior and Posterior Tracheobronchopexy	Claire Lawlor, MD	
3:28 - 3:40 pm		Q&A		
3:40 - 4:10 pm	GS03	Otitis Media / Otology		Maryland A
3:40 - 3:47 pm		Clinical Practice Guideline Adherence in Tympanostomy Tube Placement for Treatment of Recurrent Acute Otitis Media	Sierra Gaffney, BS	
3:47 - 3:54 pm		Awareness of Congenital Cytomegalovirus and its Effects on Hearing Loss Among Pediatric Otolaryngologists and Otolologists	Celeste Nagy, MD	
3:54 - 4:01 pm		An Innovative Cell Culture Approach for the Study of Neutrophil Migration and MUC5B Expression in Chronic Otitis Media	Stéphanie Val, PhD	
4:01 - 4:10 pm		Q&A		
4:10 - 5:00 pm	P01	Educating in the 21st Century: How Can We Adapt to Face the Challenges of a Changing Student - Teacher Dyad?		Maryland A
		Moderator: Eric Gantwerker, MD, MS, MMSc, Med		
		Panelists: Gi Soo Lee, MD, MEd; Michael McCormick, MD; Gresham Richter, MD; Soham Roy, MD		
5:30 - 7:00 pm		COSM Joint Poster Session		Prince George Exhibit Hall
7:30 - 9:30 pm		ASPO Development Reception		Offsite: Public House
Saturday, April 21				
Time	Code	Session Title	Presenter	Room/Location
6:15 - 7:30 am		Past President's Breakfast		Chesapeake H
6:15 - 7:30 am		Mentorship Breakfast		Chesapeake DE
7:30 - 8:40 am	BUS	ASPO Business Meeting and Awards Ceremony		Maryland A
8:40 - 9:30 am	KEY02	Invited Lecture: Mark Del Monte		Maryland A
9:30 - 10:00 am	COF02	Coffee Break with Exhibitors		Prince George Exhibit Hall
10:00 - 10:50 am	P02	Anesthetic Neurotoxicity Risk: FDA Warnings and Impact on Future Surgical Decision-Making in Pediatric Otolaryngology?		Maryland A
		Moderator: Kris Jatana, MD		
		Panelists: Raeford Brown, MD; Ron Mitchell, MD; Lisa Wise-Faberowski, MD		
10:00 - 10:50 am	P03	Airway Tissue Engineering: Challenges Faced in Clinical Translation		Maryland D
		Moderator: Tendy Chiang, MD		
		Panelists: James Dennis, PhD; Christian Hochstim, MD; Jed Johnson, PhD		
10:50 - 11:30 am	CS01	Tonsils & Adenoids		Maryland A
10:50 - 10:57 am		Preventing Unnecessary Intensive Care Unit Admissions in Children with Severe Obstructive Sleep Apnea after Adenotonsillectomy	Zachary Zimmerman, MD	
10:57 - 11:04 am		Drug Induced Sleep Endoscopy for Targeted Pediatric Sleep Surgery	Suzanne Forman, DO	
11:04 - 11:11 am		Impact of Child Life Services versus Benzodiazepine Premedication on Postoperative Throughput for Ambulatory Pediatric Adenotonsillectomy	Sophie Shay, MD	
11:11 - 11:18 am		Intra-operative Ketorolac Does Not Increase the Risk of Post-Tonsillectomy Hemorrhage and Decreases Use of Narcotics in Children	Cyrus Rabbani, MD	
11:18 - 11:30 am		Q&A		
10:50 - 11:30 am	CS02	Voice		Maryland D
10:50 - 10:57 am		Multi-Institutional Evaluation of Radiologic Findings Associated with Congenital Idiopathic Pediatric Bilateral Vocal Fold Dysfunction	James Ruda, MD	
10:57 - 11:04 am		Surgical Decision Making Algorithm for Unilateral Vocal Fold Paralysis: When Should We Perform Ansa-RLN Reanastomosis?	Sarah Bouhabel, MD	
11:04 - 11:11 am		The Nerve to Thyrohyoid Muscle as a Novel Donor Nerve for Laryngeal Reinnervation	M. Elise Graham, MD, FRCS	
11:11 - 11:18 am		3D Dynamic Computer Modeling of RLN Injury During Birth	Maryssa Mercer, MS	
11:18 - 11:30 am		Q&A		

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<b>11:30 am - 12:00 pm</b>	<b>CS03</b>	<b>Sleep</b>		<b>Maryland A</b>
11:30 - 11:37 am		Modified Epworth Sleepiness Scale versus Pediatric Sleep Questionnaire for the Prediction of Polysomnographic Indices	Meryam Shikara, BA	
11:37 - 11:44 am		Clinical Outcomes after Shared Decision Making Tools with Families of Children with OSA without Tonsillar Hypertrophy	Mathieu Bergeron, MD, BPharm, FRCSC	
11:44 - 11:51 am		Use of a Visual Analog Scale as a Global Measure of Sleep-Related Quality of Life in Children with Obstructive Sleep Apnea	Rula Mualla, MD	
11:51 am - 12:00 pm		Q&A		
<b>11:30 am - 12:00 pm</b>	<b>CS04</b>	<b>Rhinology / Head &amp; Neck</b>		<b>Maryland D</b>
11:30 - 11:37 am		Association of Twenty One GWAS-Identified Common Variants to Allergic Rhinitis and Interaction with Early Environmental Exposure in Chinese Children	Youjin Li, MD, PhD	
11:37 - 11:44 am		Long-Term Outcomes of Pediatric Inferior Turbinate Reduction	Rachel Whelan, MD	
11:44 - 11:51 am		Exome Sequencing of Surgically Resected Extracranial Arteriovenous Malformations	Jonathan Perkins, DO	
11:51 am - 12:00 pm		Q&A		
<b>12:00 - 1:00 pm</b>	<b>LUN</b>	<b>Lunch with Exhibitors</b>		<b>Prince George Exhibit Hall</b>
<b>1:00 - 1:50 pm</b>	<b>P04</b>	<b>How We Think About Patients, and How Patients Think About Us: Cognitive and Implicit Bias in Clinical Interactions</b>		<b>Maryland A</b>
		Moderator: Ellis Arjmand, MD, MMM, PhD		
		Panelists: Karthik Balakrishnan, MD, MPH; Emily Boss, MD; MPH; Dana Thompson, MD		
<b>1:00 - 1:50 pm</b>	<b>P05</b>	<b>Using Value Based Care Models to Develop, Refine, and Negotiate for Interdisciplinary Clinics: Lessons from a Multi-Institutional Experience</b>		<b>Maryland D</b>
		Moderator: Christopher Hartnick, MD		
		Panelists: Kaalan Johnson, MD; Jeremy Praeger, MD; Mahek Shah, MD, MBA; Christopher Wooten, MD;		
<b>1:50 - 2:30 pm</b>	<b>V01</b>	<b>PedsVideoto</b>		<b>Maryland A</b>
<b>1:50 - 2:30 pm</b>	<b>QS01</b>	<b>Quickshot 1 - Quality, Policy, and Outcomes</b>		<b>Maryland D</b>
1:50 - 1:54 pm		Health-related Quality of Life in Children with Complex Aerodigestive Disorders	Catherine Hart, MD	
1:54 - 1:58 pm		Quality of Life in Children with Velopharyngeal Insufficiency at Time of Diagnosis	Emily Kay-Rivest, MD	
1:58 - 2:02 pm		Does Handedness Affect Side of Post-Tonsillectomy Hemorrhage: A New Potential Risk Factor	Shiva Daram, MD, MBA	
2:02 - 2:06 pm		Mobile Phone or Paper: Trends in Patient Preference for Healthcare Information	Ankita Patro, MS	
2:06 - 2:10 pm		Modest Benefit of Frenotomy for Infants with Ankyloglossia and Breastfeeding Difficulties	Nour Bundogji, BA	
2:10 - 2:14 pm		Instituting Perioperative Opioid Consent: Improving Quality of Postoperative Care and Documentation	Spencer Lindsey, MD	
2:14 - 2:18 pm		Opioid Prescribing Patterns and Post-Operative Outcomes Following Implementation of Mandated Opioid Consent Forms	Rachel Whelan, MD	
2:18 - 2:22 pm		Impacts of Multidisciplinary Evaluation of Pediatric Aerodigestive Disorders with Dedicated Team Anesthesiologists	Jay Bhatt, MD	
2:22 - 2:26 pm		Parental Satisfaction with Otolaryngology Advanced Practice Provider Clinics	Jonelle Chir, PA-C	
2:26 - 2:30 pm		Creating a Voluntary Multisource Feedback Tool for Physicians: Challenges from Design to Implementation	Emily Kay-Rivest, MD	
<b>2:30 - 3:00 pm</b>	<b>COF03</b>	<b>Coffee Break with Exhibitors</b>		<b>Prince George Exhibit Hall</b>
<b>3:00 - 3:40 pm</b>	<b>P06</b>	<b>Microcystic Lymphatic Malformations of the Tongue: An Update and Best Practice</b>		<b>Maryland A</b>
		Moderator: Bob Chun, MD		
		Panelists: Nancy Bauman, MD; Steve Goudy, MD; Jon Perkins, DO		
<b>3:00 - 3:40 pm</b>	<b>P07</b>	<b>Posterior Glottic Stenosis: An International Roundtable on the Future of Surgery</b>		<b>Maryland D</b>
		Moderator: Sanjay Parikh, MD		
		Panelists: Andrew Inglis, MD; Michael Kuo, MbChB, PhD; Richard Nicollas, MD; Michael Rutter, MD		
<b>3:40 - 4:30 pm</b>	<b>CS05</b>	<b>Obstructive Sleep Apnea</b>		<b>Maryland A</b>
3:40 - 3:47 pm		Drug-Induced Sleep Endoscopy-Directed Surgery Improves Polysomnography Measures in Overweight and Obese Children with Obstructive Sleep Apnea	Natalia Filipek, BSc	
3:47 - 3:54 pm		Correlation between Pediatric OSA Severity and Urinary Cotinine Levels	Cristina Baldassari, MD	
3:54 - 4:01 pm		Drug Induced Sleep Endoscopy Improves Polysomnography Outcomes in Complex and Refractory Pediatric Sleep Apnea	Erin Kirkham, MD, MPH	
4:01 - 4:09 pm		A Standardized Clinical Assessment and Management Plan (SCAMP) to Optimize Treatment for Children with Obstructive Sleep Apnea	Nithin Pedireddy, BS	
4:09 - 4:16 pm		The Impact of Pediatric Obstructive Sleep Apnea on Family Finances: A Case-Control Study	Mathieu Bergeron, MD, BPharm, FRCSC	
4:16 - 4:30 pm		Q&A		

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<b>3:40 - 4:30 pm</b>	<b>CS06</b>	<b>Laryngology / Airway</b>		<b>Maryland D</b>
3:40 - 3:47 pm		Injection Laryngoplasty in Patients Less than 3 Months of Age with Type I Laryngeal Cleft	Elisabeth Cole, MD	
3:47 - 3:54 pm		Aspiration in Children with Laryngomalacia	Alexandria Irace, BA	
3:54 - 4:01 pm		Role of Supraglottoplasty in Recurrent Croup: Clinical Outcomes and Long Term Follow-Up	Patrick Munson, MD	
4:01 - 4:09 pm		Management, Outcomes, and Complications of Button Batteries in the Upper Aerodigestive Tract: A Multi-Institutional Study	Jeffrey Simons, MD	
4:09 - 4:16 pm		Comparing the Effectiveness, Safety, and Cost of Anesthetic Chose Undergoing a Drainage for Peritonsillar Abscess (PTA)	Abigail Neal, BS	
4:16 - 4:30 pm		Q&A		
<b>4:30 - 5:15 pm</b>	<b>CS07</b>	<b>Otology</b>		<b>Maryland A</b>
4:30 - 4:37 pm		Evaluating Diagnostic Yield of Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) in Pediatric Unilateral Sensorineural Hearing Loss	Janki Shah, MD	
4:37 - 4:44 pm		Long-Term Hearing Outcomes of Symptomatic CMV Infected Children Treated with Valganciclovir	Hilary McCrary, MD, MPH	
4:44 - 4:51 pm		Auditory Comprehension Outcomes in Children Receiving Cochlear Implantation at Early Age	Ryan Mitchell, MD, PhD	
4:51 - 4:58 pm		Incidence of Straight Cochlear Implant Electrode Migration may be Diminished by Proximal Fixation	Faisal Zawawi, MD	
4:58 - 5:05 pm		Task Deconstruction and Instructional Scaffolding for Teaching Pediatric Mastoidectomy Using 3D Printing Technology	Monika Freiser, MD, MPH	
5:05 - 5:15 pm		Q&A		
<b>4:30 - 5:15 pm</b>	<b>CS08</b>	<b>Dysphagia, Swallowing, and Laryngeal Cleft</b>		<b>Maryland D</b>
4:30 - 4:37 pm		Oropharyngeal Dysphagia in Neurologically Normal Infants – Is there a Natural Course for Improvement?	Geoffrey Casazza, MD	
4:37 - 4:44 pm		Standardizing Laryngeal Cleft Evaluations: Feasibility & Reliability of the Inter-Arytenoid Assessment Protocol	Steven Coppess, JD, MBA	
4:44 - 4:51 pm		Pediatric Dysphagia: Is Inter-Arytenoid Mucosal Height Significant?	Reema Padia, MD	
4:51 - 4:58 pm		Injection Laryngoplasty may Liberalize Diets in Young Pediatric Patients	Kara Meister, MD	
4:58 - 5:05 pm		Inter-Rater Reliability in Diagnosis and Treatment of Type One Laryngeal Cleft: A Blinded Observational Study	Patrick Carpenter, MD	
5:05 - 5:15 pm		Q&A		
<b>6:30 - 8:30 pm</b>	<b>BAN</b>	<b>ASPO Banquet</b>		<b>Eastern Shore 1-2</b>
<b>Sunday, April 22</b>				
<b>Time</b>	<b>Code</b>	<b>Session Title</b>	<b>Presenter</b>	<b>Room/Location</b>
<b>8:00 - 8:50 am</b>	<b>KEY03</b>	<b>Kerschner Lecture: David Hoyt, MD</b>		<b>Maryland A</b>
<b>8:50 - 9:00 am</b>		<b>Passing Period</b>		
<b>9:00 - 9:50 am</b>	<b>P08</b>	<b>Do the Right Thing! The Future of Surgical Competency</b>		<b>Maryland A</b>
		Moderator: David Chi, MD		
		Panelists: Ellis Arjmand, PhD MD; Rahul Shah, MD; Kathy Sie, MD		
<b>9:00 - 9:50 am</b>	<b>CS09</b>	<b>Lower Airway</b>		<b>Maryland D</b>
9:00 - 9:07 am		Utilization of Capped Polysomnography in Pediatric Patients with Tracheostomy Tubes	Shiva Daram, MD, MBA	
9:07 - 9:14 am		Predictors of the Need for Tracheostomy in the Neonatal Intensive Care Unit	Alanna Windsor, MD	
9:14 - 9:21 am		Development and Preliminary Multidisciplinary Validation of a 3D Printed Pediatric Model for Front of Neck Access	Kevin Kovatch, MD	
9:21 - 9:28 am		Significance of Positive Tracheostomy Cultures within 30 Days of Tracheostomy	Mana Espahbodi, MD	
9:28 - 9:35 am		Polysomnography Outcomes in Children with Small Tonsils Undergoing Drug-Induced Sleep Endoscopy Directed Surgery	Craig Miller, MD	
9:35 - 9:50 am		Q&A		
<b>9:50 - 10:05 am</b>	<b>COF04</b>	<b>Coffee Break</b>		<b>Maryland Foyer</b>
<b>10:05 - 10:55 am</b>	<b>P09</b>	<b>Sialoendoscopy in Pediatric Otolaryngology</b>		<b>Maryland A</b>
		Moderator: Sam Daniel, MD		
		Panelists: Philippe Katz, MD; Jack Kolenda, MD; Rohan Walvekar, MD		
<b>10:05 - 10:45 am</b>	<b>P10</b>	<b>Using Big Data in Pediatric Otolaryngology</b>		<b>Maryland D</b>
		Moderator: Derek Lam, MD, MPH		
		Panelists: Emily Boss, MD, MPH; David Francis, MD, MS; Stacey Ishman, MD, MPH; Jennifer Shin, MD, MS		

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10:45 am - 12:00 pm	QS02	Quickshot 2 - Upper Airway and Beyond		Maryland A
10:45 - 10:49 am		Retrospective Cohort of Chiari Malformation and Vocal Cord Immobility: Intervention, Vocal Cord Recovery, and Outcomes	Biggs Phillip, BS	
10:49 - 10:53 am		Early Peanut Exposure: Has it Caused an Increase in Aspiration?	Brianne Barnett Roby, MD	
10:53 - 10:57 am		When to EXIT: An Airway Management Algorithm of Fetal Neck Masses	Sydney Jiang, MD	
10:57 - 11:01 am		Modified Hybrid Laryngotracheal Reconstruction for High Grade Pediatric Laryngotracheal Stenosis	Stephanie Warrington, MD	
11:01 - 11:05 am		Role of Surveillance Endoscopy for Pediatric Tracheostomy Patients	Matthew Smith, MD	
11:05 - 11:09 am		The Role of Outpatient Clinic Follow-Up for Pediatric Tracheostomy Patients	Lyndy Wilcox, MD	
11:09 - 11:13 am		Congenital Right Bronchial Stenosis with High Bifurcation: Successful Management with Side to Side Tracheobronchial Anastomosis	Rachel Georgopoulos, MD	
11:13 - 11:17 am		Injection Laryngoplasty in Neonates and Young Children for Unilateral Vocal Fold Immobility, A Case Series	Stephen Shapiro, MS-2	
11:17 - 11:21 am		Safety and Efficacy of Early Injection Laryngoplasty in Pediatric Patients	Caitlin Bertelsen, MD	
11:21 - 11:25 am		Silent Aspiration Following Neonatal Congenital Heart Surgery	Paul Wilson, MD	
11:25 - 11:29 am		Evaluation of Upper Airway Structures by Ultrasonography in Children with Obstructive Sleep Apnea	Wei-Chung Hsu, MD, PhD	
11:29 - 11:33 am		Impact of Montelukast on Quality of Life in Mild Pediatric Sleep Apnea	Cristina Baldassari, MD	
11:33 - 11:37 am		Longitudinal Analysis of Oral HPV and Genomic Correlation via Metagenomic Shotgun Sequencing in Patients with Recurrent Respiratory Papilloma	Ryan Ruiz, MD	
11:37 - 11:41 am		Increase in Physical Portion of Pediatric Voice Handicap Index May Predict Presence of Elevated Vocal Cord Lesions	Pamela Mudd, MD, MBA	
11:41 - 11:45 am		Sleep Disordered Breathing after Combined Versus Staged Surgery for Velopharyngeal Insufficiency	Erin Kirkham, MD, MPH	
11:45 - 11:49 am		Age Related Admission for Tonsillectomy and Adenoidectomy: Single Institutional Review and Analysis of Best Practice	Sean Evans, MD	
11:49 - 11:53 am		Lingual Tonsillectomy is Effective in Reducing Apnea-Hypopnea Index in Patients with Refractory Obstructive Sleep Apnea	John Gettelfinger, MD	
11:53 am - 12:00 pm		Q&A		
10:45 am - 12:00 pm	QS03	Quickshot 3 - Otology and General Potpourri		Maryland D
10:45 - 10:49 am		Complicated Pediatric Rhinosinusitis and the Significance of Streptococcus Anginosus at a High Altitude Tertiary Care Pediatric Hospital	Aditi Bhuskute, MD	
10:49 - 10:53 am		Revision Cochlear Implant Surgery in Children	Yann-Fuu Kou, MD	
10:53 - 10:57 am		Mini Septodermoplasty for Recurrent Epistaxis	Evan Somers, MD	
10:57 - 11:01 am		To Drain or not to Drain Following a Sistrunk Procedure: A Multi-Institutional Answer	Jennifer Brooks, MD, MPH	
11:01 - 11:05 am		Cochlear Implantation in Pediatric Patients with Single-Sided Deafness: A Systematic Review	Rounak Rawal, MD	
11:05 - 11:09 am		Damps are Expressed and Secreted in the Extracellular Areas of Pediatric Adenoid Tissue	Jin Hwan Kim, MD, PhD	
11:09 - 11:13 am		Challenges of Post-Stimulation Titration in Children with Down Syndrome and Hypoglossal Nerve Implant	Judith Kempfle, MD	
11:13 - 11:17 am		Extent of Microscopic Disease Superior to the Hyoid Bone in Children with a Thyroglossal Duct Remnant	Erick Garcia, BS	
11:17 - 11:21 am		Cochlear Nerve Deficiency in Congenital Bilateral Sensorineural Hearing Loss	Alanna Windsor, MD	
11:21 - 11:25 am		Pediatric Endoscopic Tympanoplasty with the Biodesign Otologic Repair Graft: Outcomes, Safety, and Cost-Effectiveness	Jason Bell, MD	
11:25 - 11:29 am		Surgical Volume and Success Rates with the Biodesign Otologic Repair Graft for Pediatric Tympanoplasty	Jason Bell, MD	
11:29 - 11:33 am		Weight Loss Interventions for Children and Adults with Down Syndrome: A Systematic Review	Philip Knollman, MD	
11:33 - 11:37 am		Good Compliance with Propranolol Therapy in Young Children with Infantile Hemangioma	Reema Padia, MD	
11:37 - 11:41 am		Three-Dimensionally Printed Computer Aided-Design Ear Splint for Auricular Reshaping	Allison Powell, MSE	
11:41 - 11:45 am		Surgeon Performed Preoperative Percutaneous Nerve Mapping in Complex Head and Neck Lymphangiomas	Matthew Migneron, MD	
11:45 - 11:49 am		Evaluation of Patient Reported Outcome Measure Information System-49 (PROMIS-49) in Children with Obstructive Sleep Apnea	Bharat Bhushan, PhD, MS	
11:49 - 11:53 am		Basic Choking Awareness Education to Improve Parental Knowledge	Kathryn Bentivenga, BS	
11:53 am - 12:00 pm		Q&A		