



American Society of Pediatric Otolaryngology

May 16 – 18, 2000

Program Outline

TUESDAY, MAY 16

4:00pm – 6:00pm	Poster Set-up
5:00pm – 6:00pm	Committee meetings
6:00pm – 8:00pm	Meet the Authors Wine & Cheese Reception
7:00pm – 8:00pm	Foreign Body Olympics

WEDNESDAY, MAY 17

6:30am – 8:00am	ASPO Board Meeting
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Joint Session—Triological Society/ASPO

8:00 Announcements: Charles W. Gross, MD and Richard J.H. Smith, MD

TONSILS AND ADENOIDS

Moderator: David Tunkel, MD, Baltimore, MD

- 8:05 Acetaminophen vs. acetaminophen with codeine following pediatric tonsillectomy & adenoidectomy
Melinda S. Moir, MD, Stanford, CA; Ellen Bair, MS, Redwood City, CA; Anna Messner, MD, Palo Alto, CA
- 8:13 The efficacy of gastric decompression in reducing post-tonsillectomy vomiting
Jacqueline Jones, MD, New York, NY; Abtin Tabaei, BA, New York, NY; Robert Glasgold, MD, New York, NY; Mathew C. Gomillion, MD, New York, NY
- 8:21 Polymorphism in the CC-chemokine receptor-3 gene in children with adenotonsillar hypertrophy
Yoram Stern, MD, Petah Tikva, Israel; Nives Zimmerman, MD, Cincinnati, OH; Marc E. Rothenberg, MD, PhD, Cincinnati, OH; Robin T. Cotton, MD, Cincinnati, OH
- 8:29 Post-operative bleeding dissection tonsillectomy-vs-diathermy tonsillectomy
John Vorrath, MB, Geelong Victoria, Australia

8:37 DISCUSSION

LARYNGOLOGY/AIRWAY

Moderator: Lauren Holinger, M.D.

- 8:42 Correlation of findings at direct laryngoscopy and bronchoscopy with presence of gastroesophageal reflux in children:
Michelle M. Carr, DDS, MD, Buffalo, NY; Mark L. Nagy, MD, Buffalo, NY; Christopher P. Poje, MD, Buffalo, NY; Michael P. Pizzuto, MD, Buffalo, NY; Linda S. Brodsky, MD, Buffalo, NY
- 8:50 Neonatal subglottic stenosis- Incidence and trends
David L. Walner, MD, Chicago, IL; Mark Loewen, BA; Robert E. Kimura, MD
- 8:58 Diagnosis and management of idiopathic subglottic stenosis revisited
Tulio Valdez, MD, Boston, MA; Russell Shu, MD, Boston, MA; Stanley M. Shapshay, MD, FACS, Boston, MA
- 9:06 DISCUSSION

9:10 Karl Storz Lecture: Jeffrey Laitman, Ph.D., New York, NY
"The development and evolution of the human aerodigestive tract: What makes us so special?"
Director of Gross Anatomy
Mount Sinai School of Medicine

9:45 –10:15 BREAK

OTOLOGY

Moderator: Margaret Kenna, M.D.

10:15 Outcome analysis of cochlear implant re-implantation in children
Gerald D. Suh, MD, New York, NY; Patricia M. Chute, EdD, Amy L. Popp, MS, Simon C. Parisier, MD

10:23 Cochlear implantation in patients with Mondini Dysplasia
Daniel P. Sullivan, MD, New York, NY; Amy Popp, MS, Patricia Chute, EdD, Simon C. Parisier, MD

10:31 High resolution magnetic resonance imaging in the evaluation of pediatric sensorineural hearing loss: Can it replace computed tomography?
Mark D. Kriskovich, MD, Salt Lake City, UT; Steven M. Kelly, MD, Salt Lake City, UT; H. Christian Davidson, MD, Salt Lake City, UT; Clough Shelton, MD, Salt Lake City, UT

10:39 Lateral semicircular canal dysplasia is associated with sensorineural and conductive hearing loss
Anil K. Lalwani, MD, San Francisco, CA

10:47 DISCUSSION

SINUS

Moderator: Kenny Chan, M.D.

10:52 Quantitative impact of pediatric sinus surgery on facial growth
Brent Senior, MD, Detroit, MI

11:00 Computer assisted navigation system (CANS) in pediatric functional endoscopic sinus surgery (FESS)
Florence Postec, MD, Lyon, France; Patrick Froehlich, MD, Lyon, France; Francois Disant, MD, Lyon, France

11:08 Clinical outcome of pediatric endoscopic sinus surgery
David L. Walner, MD, Chicago, IL; Robin Markey, BS, Cincinnati, OH; Charles M. Myer III, MD, Cincinnati, OH; Vipin Jain, MS, Cincinnati, OH

11:15 DISCUSSION

11:20 Panel: "Pediatric Sinusitis"
Moderator: Scott Manning, MD, Seattle, WA

Panelists: Charles W. Gross, MD, Charlottesville, VA
Rodney Lusk, MD, St. Louis, MO
Mark A. Richardson, MD, Baltimore, MD

12:00– 1:00pm ASPO Business Meeting (with lunch)

1:00- 1:05 OPENING REMARKS: Richard J.H. Smith, M.D. ASPO President

1:05- 1:35 HONORED GUEST: Guy Van Camp, Ph.D , Antwerp, Belgium

MOLECULAR BIOLOGY

Moderator: Marci Lesperance, M.D.

- 1:35- 1:43 Connexin 26 gene mutations in congenitally deaf children: Pitfalls for genetic counseling
Francoise Denoyele, MD, PhD, Paris, France; Sandrine Marlin, MD, PhD, Paris, France; Gilles Roger, MD, Paris, France; Christine Petit, MD, PhD, Paris, France; Erea-Noel Garabedian, MD, Paris, France
- 1:43- 1:51 Connexin 26 mutations in 57 children with hearing loss
Margaret A. Kenna, MD, Boston, MA; Douglas A. Cotanche, PhD, Boston, MA; Bruce Korf, PhD, Boston, MA; Bai-Lin Wu, PhD, Boston, MA; Heidi Rehm, MS, Boston, MA
- 1:51- 1:59 Genetic screening for Connexin 26 related hearing impairment
Wyman T. McGuirt, MD, Iowa City, IA; Sai D. Prasad, BS, Iowa City, IA; Glenn E. Green, MD, Iowa City, IA; Richard J.H. Smith, MD, Iowa City, IA
- 1:59-2:06 DISCUSSION

MOLECULAR BIOLOGY

Moderator: Christopher Post, M.D.

- 2:06-2:14 Regional chemoprotection against cisplatin induced hearing loss
Rose Mary Stocks, MD, PharmD, Memphis, TN; Monique Pousson, MS, CCC-A, Memphis, TN; Herbert J. Gould, PhD, Memphis, TN; Jerome W. Thompson, MD, MBA, Memphis, TN
- 2:14-2:22 Impact of intracochlear electrical stimulation on auditory pathways
Remi Marianowski, MD, Paris, France; Wen-Huei Liao, MD, Taipei, Taiwan; Patrice Tran Ba Huy, MD, Paris, France; Yves Manach, MD, Paris, France
- 2:22- 2:30 Genetic linkage of familial laryngeal abductor paralysis to D6S1021
Jose Manaligod, MD, Lexington, KY; Jennifer D. Skaggs, MS, Lexington, KY; Richard J.H. Smith, MD, Iowa City, IA
- 2:30- 2:38 Exclusion of candidate genes for gastroesophageal reflux
Fe Ze Hu, Pittsburgh, PA; Christopher Post, MD, PhD, FACS, Pittsburgh, PA; Robert Preston, PhD, Pittsburgh, PA; Lee W. Kikuchi, Pittsburgh, PA; Sandra L. Johnson, Pittsburgh, PA; Caroline McGraw, Pittsburgh, PA; Beth Pulsifer-Anderson, Pittsburgh, PA; Thomas Self, MD, Pittsburgh, PA; Garth Ehrlich, PhD, Pittsburgh, PA
- 2:38- 2:45 DISCUSSION
- 2:45- 3:15 BREAK

RHINOLOGY, PARANASAL SINUS

Moderator: Mark Volk, MD

- 3:15- 3:23 Clinical presentation of allergic fungal sinusitis in children
Lav Kapadia, MD, Dallas, TX; John E. McClay, MD, Dallas, TX; Michael J. Biavati, MD, Dallas, TX; Bradley F. Marple, MD, Dallas, TX; Timothy Boothe, MD, Dallas, TX; Scott C. Manning, MD, Seattle, WA
- 3:23- 3:31 Surgical management of choanal atresia: Improved outcome using Mitomycin-C
Bradford W. Holland, MD, Winston-Salem, NC; William F. McGuirt, MD, Winston-Salem, NC
- 3:31- 3:39 Transnasal endoscopic repair of choanal atresia in children without nasal stenting
Thierry Van Den Abbeele, MD, PhD, Paris, France; Martine Francois, MD, Paris, France; Phillippe Narcy, MD, Paris, France
- 3:39- 3:47 Endoscopy in the assessment of children with nasal obstruction
Haytham Kubba, MPhil, FRCS, Scotland, UK; Brian J.G. Bingham, FRCS, Scotland, UK
- 3:47- 3:55 Latex allergy: An update for the pediatric otolaryngologist
Matthew L. Kashima, MD, Baltimore, MD; David E. Tunkel, MD, Baltimore, MD; Charles W. Cummings, MD, Baltimore, MD

- 3:55- 4:03 Endoscopic sinus surgery in cystic fibrosis patients
Kristina W. Rosbe, MD, Boston, MA; Dwight T. Jones, MD, Boston, MA; Thomas Lahiri, MD, Boston, MA;
Reza Rahbar, MD, DMD, Boston, MA
- 4:03-4:11 DISCUSSION
- LARYNGOLOGY & BRONCHOSOPHAGOGY (LTR)
- Moderator: Andrew F. Inglis, Jr., MD
- 4:11- 4:19 Laryngotracheal reconstruction in canines: Fixation of autologous costochondral grafts using polyactic and polyglycolic acid
Christopher M. Long, MD, Milwaukee, WI; Joseph E. Kerschner, MD, Milwaukee, WI
- 4:19- 4:27 Biological repair of laryngotracheal stenosis using cartilage-derived morphogenic proteins
Lenhanh P. Tran, MD, TAMC, HI; George H. Zalzal, MD, FAAP, FACS, Washington, D.C.
- 4:27- 4:35 Effects of simulated gastroesophageal reflux on laryngotracheal reconstruction in a rabbit model
Jeffrey D. Carron, MD, Norfolk, VA; John H. Greinwald, MD, Norfolk, VA; James P. Oberman, MD, Norfolk, VA; Alice L. Werner, MD, Norfolk, VA; Craig L. Derkay, MD, Norfolk, VA
- 4:35- 4:43 Histologic changes in the dog laryngopharynx following acid/pepsin exposure
Nancy M. Bauman, MD, Iowa City, IA; DeQiang Wang, MD, Iowa City, IA
- 4:43- 4:51 The complete tracheal rings congenital anomaly
Benjamin E. Hartley, MB, FRCS, Cincinnati, OH; Michael J. Rutter, MB, FRACS, Cincinnati, OH; Richard Azizkhan, MD, Cincinnati, OH; William T. Harris, MD, Chapel Hill, NC; Robert E. Wood, MD, PhD, Cincinnati, OH; Robin T. Cotton, MD, Cincinnati, OH
- 4:51- 5:00 DISCUSSION
- 6:30 PRESIDENT'S RECEPTION/BANQUET
CHILDREN'S DINNER /ACTIVITIES

THURSDAY, MAY 18

- 6:30- 8:00am ASPO Board Meeting
- 8:00- 8:03 Opening Remarks
- 8:03-8:30 GUEST SPEAKER, Bluestone Award:
Everett P. Greenberg, Ph.D, Iowa City, IA.
- LARYNGOLOGY & BRONCHOSOPHAGOGY
- Moderator: Nancy Bauman, MD
- 8:30- 8:38 Cricotracheal resection in children
Michael J. Rutter, FRACS, Cincinnati, OH; Benjamin E.J. Hartley, MB, FRACS, Cincinnati, OH; Robin T. Cotton, MD, Cincinnati, OH;
- 8:38- 8:46 Indications for partial cricotracheal resection in pediatric laryngotracheal reconstruction
Mark E. Gerber, MD, Chicago, IL
- 8:46- 8:54 Outcome in pediatric tracheotomy
Cuneyt M. Alper, MD, Pittsburgh, PA; Weerachai Tantiniorn, MD, Bangkok, Thailand; Charles D. Bluestone, MD, Pittsburgh, PA; Margaretha L. Casselbrant, MD, Pittsburgh, PA
- 8:54- 9:02 The role of postoperative chest radiography in pediatric tracheotomy
Jayson S. Greenburg, MD, Houston, TX; Ellen M. Friedman, MD, Houston, TX; Marcelle Sulek, MD, Houston, TX; Andrew L. deJong, MD, Houston, TX; Newton O. Duncan, MD, Houston, TX
- 9:02- 9:07 DISCUSSION

LARYNGOLOGY & BRONCHOSOPHAGOLOGY

- Moderator: Peter Koltai, MD
- 9:07- 9:15 Bedside tracheostomy in the intensive care unit: A randomized prospective trial comparing open surgical tracheostomy to endoscopically guided percutaneous dilatational tracheostomy
Douglas D. Massick, MD, Columbus, OH; David E. Schuller, MD, Columbus, OH; Dawn Griesen, MD, Columbus, OH; Todd Hobgood, MD, Columbus, OH; Shonan Yao, MD, Columbus, OH; James Allen, MD, Columbus, OH; Arrick Forrest, MD, Columbus, OH
- 9:15- 9:23 Cost effectiveness and safety of pediatric bedside tracheostomies
Darrell A. Klotz, MD, Rochester, NY; Arthur S. Hengerer, MD, FACS, Rochester, NY
- 9:23- 9:31 Evaluation of voice changes in children between 5 and 12 years: Value of largest Lyapunov exponents.
Richard Nicollas, MD, Marseille, France; Antoine Giovanni, MD, Marseille, France; Maurice Ouaknine, MD, Marseille, France; Jean-Michel Triglia, MD, Marseille, France; Isabelle Sudre-Levillain, MD, Marseille, France; Patrizia Alladio, MD, Marseille, France; Alain Moukhebeir, MD, Marseille, France
- 9:31- 9:39 The role of airway fluoroscopy in the evaluation of stridor in children
David T. Rudman, MD, Columbus, OH; Gregory J. Wiet, MD, Columbus, OH; William E. Shiels II, DO, Columbus, OH; Charles Elmaraghy, BS, Columbus, OH
- 9:39- 9:45 DISCUSSION
- 9:45-10:15 BREAK

HEAD & NECK

- Moderator: Carlos Gonzalez, MD
- 10:15-10:23 Pseudotumor of infancy and congenital muscular torticollis: A review of 170 cases
Julie L. Wei, MD, Rochester, MN; Laura J. Orvidas, MD, Rochester, MN; Kara M. Gruher, BS, Rochester, MN
- 10:23-10:31 Recurrence of thyroglossal duct cysts after Sistrunk procedure. Results of long term follow up.
Remi Marianowski, MD, Paris, France; Marie-Paule Morisseau-Durand, MD, Paris, France; Jean Louis Ait Amer, MD, Paris, France; Yves Manach, MD, Paris, France
- 10:31-10:39 Bilateral submandibular gland excision & parotid duct ligation for treatment of sialorrhea in children: Long-term results
Yoram Stern, MD, Petah Tikva, Israel; Michael Collins, Cincinnati, OH; Sally R. Shott, MD, Cincinnati, OH; Robin T. Cotton, MD, Cincinnati, OH
- 10:39-10:45 DISCUSSION

HEAD & NECK

- Moderator: Bruce Maddern, MD
- 10:45-10:53 Streptococcus Milleri: Causative organism for head and neck infections and abscess
Joseph K. Han, MD, Milwaukee, WI; Joseph E. Kerschner, MD, Milwaukee, WI
- 10:53-11:01 Endoscopic laser excision of juvenile nasopharyngeal angiofibromas
Eric A. Mair, MD, FAAP, Washington, DC; Elizabeth A. Blair, MD, FACS, Washington, DC; Andrew P. Battiata, MS, Washington, DC; John D. Casler, MD, FACS, Washington, DC
- 11:01-11:09 Lymphatic malformations of the head and neck. A support for staging
Marc Hamoir, MD, Brussels, Belgium; Philippe Rombaux, MD, Brussels, Belgium; Gauthier Desuter, MD, Brussels, Belgium; Anne-Sophie Cornu, MD, Brussels, Belgium; Claire Beguin, MD, Brussels, Belgium; Genevieve Francois, MD, Brussels, Belgium
- 11:09-11:17 The impact of airbags and seatbelts on the incidence and severity of maxillofacial injuries in automobile accidents within New York State
Jason Mouzakes, MD, Albany, NY; Peter J. Koltai, MD, Cleveland, OH; Siobhan Kuhar, MD, PhD, Albany,

NY; Dan Bernstein, Albany, NY; Paul Wing, Albany, NY; Edward Salsberg, Albany, NY

11:17-11:25 DISCUSSION

OTOLOGY & AUDIOLOGY

Moderator: Jerome Thompson, MD

11:27-11:35 Implications of the AHCPR evidence report on acute otitis media

Richard M. Rosenfeld, MD, MPH, Brooklyn, NY; Magaretha Casselbrant, MD, PhD, Pittsburgh, PA

11:35-11:43 Reliability and validity of the ear infection survey (EIS)

Kristina Y. Gupta, DrPH, Elk Grove Village, IL; Linda Asmussen, MS, Elk Grove Village, IL; Lynn M. Olson, PhD, Elk Grove Village, IL; Robert Siegel, MD, Cincinnati, OH; James Bien, MD, Cincinnati, OH

11:43-11:51 Trimethoprin/Sulfamethoxazole (T/S) treatment of acute otitis media: Correlation between the clinical and bacteriological efficacy

Alberto Leiberman, MD, Beer-Sheva, Israel; Eugene Leibovitz, MD, Beer-Sheva, Israel; Ron Dagan, MD, Beer-Sheva, Israel; Lolita Piglansky, MD, Beer-Sheva, Israel; Simon Raiz, MD, Beer-Sheva, Israel; Joseph Press, MD, Beer-Sheva, Israel; Pablo Yaguysky, MD, Beer-Sheva, Israel

11:51-11:59 DISCUSSION

12:00-1:00pm ASPO Business Meeting (with lunch)

OTOLOGY & AUDIOLOGY(Cochlear Implants)

Moderator: TBA

1:00- 1:08 Performance outcomes after cochlear implantation for GJB2- related deafness

Glenn E. Green, MD, Iowa City, IA; Daryl A. Scott, BS, Iowa City, IA; Joshua M. McDonald, BS, Iowa City, IA; Bruce J. Gantz, MD, Iowa City, IA; Richard J.H. Smith, MD, Iowa City, IA

1:08- 1:16 Effect of the electrode positioning system (EPS) on behavioral and EABR thresholds in pediatric cochlear implant patients

Michael D. Peters, MD, Minneapolis, MN; Melissa R. Ellis, MA, Minneapolis, MN; Barbara J. Friedman, MS, Minneapolis, MN; Samuel C. Levine, MD, Minneapolis, MN; Franklin L. Rimell, MD, Minneapolis, MN

1:16- 1:24 Assessment of vocabulary development in children after cochlear implantation

Hamdy El-Hakim, FRCSEd, Ontario, Canada; Josee Levasseur, MScS, Ontario, Canada; Blake C. Papsin, MD, MSc, FRCS, Ontario, Canada; Robert V. Harrison, PhD, DSc, Ontario, Canada; Jaswinder Panesar, FRCS, Ontario, Canada; Richard J. Mount, Ontario, Canada

1:24- 1:32 Is the objective measurement of comfort levels using electrical stapedial reflex (ESR) a valuable technique in the pediatric population?

Mary Bresnihan, AFRC SI, Dublin, Ireland; Gary Norman MSc, BSc, Dublin, Ireland; Robert Gaffney, FRCSI, BCh, Dublin, Ireland; Laura Viani, FRCSI, MSc, Dublin, Ireland; Fiona Scott, MSc, Dublin, Ireland

1:32- 1:40 DISCUSSION

OTOLOGY & AUDIOLOGY

Moderator: Richard Rosenfeld, MD

1:40- 1:48 Incidence of otorrhea following placement of 3 different types of ventilation tubes

James E. Arnold, MD, Cleveland, OH; Akash Gupta, Cleveland, OH; Diana Radkowski, MD, Cleveland, OH; Robert C. Sprecher, MD, Cleveland, OH; Raquel Redtfeldt, MD, Cleveland, OH

1:48- 1:56 Duration of patency of laser-assisted tympanic membrane fenestration

Ellen S. Deutsch, MD, Wilmington, DE; Steven P. Cook, MD, Wilmington, DE; Steve Shaha, PhD, DBA, Brater, UT; Linda M. Brodsky, MD, Buffalo, NY; James S. Reilly, MD, Wilmington, DE

1:56- 2:04 Rapid identification of bacteria causing otitis media using steady state Fourier transform infrared spectroscopy

Ivan El Sayed, MD, Boston, MA; Jian Ping Wang, PhD, Atlanta, GA; Charles Vaughan, MD, FACS, Boston, MA; Mostafa El Sayed, PhD, Atlanta, GA; Stephen Brecher, PhD, Boston, MA, Paul Edmunds, PhD, Atlanta, GA

- 2:04- 2:12 Low blood pneumococcal antibodies predict more episodes of otitis media
Eric T. Becken, BA, Minneapolis, MN; Kathleen A. Daly, PhD, Minneapolis, MN; G. Scott Giebink, MD, Minneapolis, MN; Bruce R. Lindgren, MS, Minneapolis, MN; Mary H. Meland, MD, Minneapolis, MN
- 2:12- 2:17 DISCUSSION
- Moderator: Laurie A. Ohlms, MD
2:17- 2:25 Engineering autogenous cartilage in the shape of a helix using an injectable hydrogel scaffold
Aminuddin B. Saim, MD, Kuala Lumpur, Malaysia; Charles A. Vacanti, MD, Worcester, MN; Martin P. Vacanti, MD, Worcester, MN; Yilin Cao, MD, Worcester, MN; Yulai Weng, MD, Worcester, MN; Chia-Ning Chang, MD, Worcester, MN
- 2:25- 2:33 Congenital cholesteatoma: Classification, management and outcome
Peter J. Koltai, MD, Cleveland, OH; Roberto Castellon, MD, Albany, NY; Marc Nelson, MD, Cleveland, OH; Jean-Michael Triglia, MD, Marseille, France; Gilles Roger, MD, Paris, France
- 2:33- 2:41 Hemifacial microsomia: Clinical and radiographic abnormalities of the temporal bone
Reza Rahbar, MD, Boston, MA; Caroline D. Robson, MD, Boston, MA; John B. Mulliken, MD, Boston, MA; Margaret A. Kenna, MD, Boston, MA; Trevor J. McGill, MD, Boston, MA; Gerald B. Healy, MD, Boston, MA; Lynn Schwartz, MS, CCC-A, Boston, MA
- 2:41- 2:49 Two stage hearing screening using otoacoustic emissions in the neonatal intensive care unit
Angelique Danielson-Cohen, MD, Chicago, IL; Beth K. Thomas, MD, Chicago, IL; Greg R. Licameli, MD, Chicago, IL
- 2:49- 2:57 Influence of minor ear surgery on infrared tympanic thermometry
David L. Mandell, MD, New York, NY; Adam W. Pearl, MD, New York, NY; Michael A. Rothschild, MD, New York, NY
- 2:57- 3:05 Transtympanic myringoplasty in children: A cost-effective technique
Bryan C. Tagge, MD, Columbus, OH; Edward E. Dodson, MD, Columbus, OH; Mary Hart, MD, Columbus, OH; Andrew Spector, Columbus, OH
- 3:05-3:15 DISCUSSION
- 3:15- 4:00 PANEL
PEDIATRIC OTOTOLOGY
Moderator: Kenneth M. Grundfast, MD
Panelists: Simon C. Parisier, MD
Roland D. Eavey, MD
Nancy M. Young, MD
David Tunkel, MD
- 4:00 ADJOURN