

2009 ASPO Scientific Program

**Saturday Morning, May 23rd, 2009**

**Session #1 Moderator: Diego Preciado, MD**

8:00 - 8:05 Welcome: Jerome Thompson, MD  
ASPO President  
Sanjay Parikh, MD ASPO  
Program Committee Chair

8:05 - 8:12 FUSION OF MRI AND CT IMAGES FOR SURGICAL TREATMENT OF  
CHOLESTEATOMA OF THE MIDDLE EAR IN CHILDREN.  
Isabelle Plouin-Gaudon, MD

8:12 - 8:19 THE CLINICAL UTILITY OF COMPREHENSIVE GENETIC TESTING FOR  
INDIVIDUALS WITH CONGENITAL SENSORINEURAL HEARING LOSS  
Christopher Wooten, MD

8:19 - 8:26 USE OF 4-DIMENSIONAL ULTRASOUND FOR EVALUATING MIDDLE EAR  
OSSICLES  
Evan J. Propst, MD

8:26 - 8:33 EVIDENCE FOR PROGRESSION IN CONNEXIN-26- ASSOCIATED HEARING  
LOSS  
Dylan K. Chan, MD PhD

8:33 - 8:38 Discussion

**Session #2 Moderator: Paul Moxham, MD**

8:38 - 8:45 UNILATERAL HEARING LOSS IS ASSOCIATED WITH WORSE SPEECH-  
LANGUAGE SCORES IN CHILDREN  
Judith E.C. Lieu, MD

8:45 - 8:52 COMMON AGENTS USED TO UNBLOCK TYMPANOSTOMY TUBES: AN EX  
VIVO STUDY AND REVIEW OF LITERATURE  
Emily L Burke, MD

8:52 - 8:59 THE EFFICACY OF MOXIFLOXACIN AND DEXAMETHASONE  
COMBINATORIAL EAR DROP IN A NOVEL RAT MODEL OF ACUTE TUBE  
OTORRHEA  
Rodrigo C. Silva, MD

8:59 - 9:06 WIDEBAND MIDDLE EAR POWER ANALYSIS: A PROSPECTIVE STUDY OF  
NORMAL AND DISEASED EARS.

Matthew Bromwich, MD

9:06 - 9:11 Discussion

**Session #3 Moderator: Udayan Shah, MD**

9:11 - 9:18 UPDATE ON BONE-ANCHORED HEARING AIDS IN PEDIATRIC PATIENTS WITH PROFOUND UNILATERAL SENSORINEURAL HEARING LOSS

Lisa Christensen, AuD

9:18 - 9:25 NEW ANATOMIC CONSIDERATIONS FOR AURAL ATRESIAPLASTY VERSUS BAHA®

Robert F. Yellon, MD

9:25 - 9:32 STAPES ANKYLOSIS IN CHILDREN: AETIOLOGY AND SURGICAL RESULTS AFTER STAPES SURGERY IN 35 CASES

Francoise Denoyelle, MD PhD

9:32 - 9:39 HEARING REHABILITATION IN CONGENITAL AURAL ATRESIA USING THE BONE ANCHORED HEARING AID: AUDIOLOGICAL AND SATISFACTION RESULTS

Carine Fuchsmann, MD

9:39 - 9:45 Discussion

9:45 - 10:15 Break with Exhibitors

10:15 - 10:45 Karl Storz Lecturer: John W. House, MD  
COCHLEAR IMPLANTS; PAST, PRESENT and FUTURE  
Introduction: Jerome Thompson, MD

10:45 - 10:50 Discussion

**Session #4 Moderator: Greg Licamelli, MD**

10:50 - 10:57 TYMPANOSTOMY TUBES IN COCHLEAR IMPLANT RECIPIENTS : ANALYSIS OF COMPLICATIONS

Luv Javia, MD

10:57 - 11:04 OUTCOMES FOR PEDIATRIC COCHLEAR IMPLANT PATIENTS WITH MYRINGOTOMY TUBES

Christopher F. Baranano, MD

11:04 - 11:11 MEDICAL AND SURGICAL COMPLICATIONS IN PAEDIATRIC

## COCHLEAR IMPLANTATION

Natalie Loundon, MD

11:11 - 11:15 Discussion

### **Session #5 Moderator: Carlton Zdanski, MD**

11:15 - 11:22 PACKING OF THE COCHLEOSTOMY SITE MAY CHANGE THE MODIOLAR DISTANCE IN PRE-CURVED ARRAY COCHLEAR IMPLANTS.

Arie Gordin, MD

11:22 - 11:29 BEHAVIORAL ASSESSMENT OF PRELINGUALLY DEAF CHILDREN AFTER COCHLEAR IMPLANTATION.

David L. Horn, MD

11:29 - 11:36 BILATERAL COCHLEAR IMPLANTATION IN CHILDREN WITH ANOMALOUS COCHLEOVESTIBULAR ANATOMY

Neil K. Chadha, MBChB

11:36 - 11:43 ACADEMIC AND OCCUPATIONAL ACHIEVEMENTS IN PRELINGUALLY DEAFENED CHILDREN WITH COCHLEAR IMPLANT

Frederic Venail, MD PhD

11:43 - 11:50 Discussion

12:00 - 12:50 Breakout Lunch Session #1

The development of Clinician Scientists in Pediatric Otolaryngology

Keiko Hirose MD (Moderator), Marci Lesperance MD, Judith Lieu, MD

Breakout Lunch Session #2

The utility of balloons in the Pediatric Airway

Steve Sobol MD (Moderator), Mike Rutter MD, Lindhe Guarisco, MD

## **Saturday Afternoon May 23, 2009**

1:00 - 1:50 ASPO Business Meeting ( ASPO Members only)

### **Session #6 Moderator: Kristina Rosbe, MD**

2:00 - 2:07 MUC5AC EXPRESSION IN HUMAN MIDDLE EAR EPITHELIUM OF OTITIS MEDIA PATIENTS

Shivani Tripathi, BS

2:07 - 2:14 DEVELOPMENT OF CYTOMEGALOVIRUS MEDIATED SENSORINEURAL

HEARING LOSS IN A GUINEA PIG MODEL  
Thomas Gifford, MD

2:14 - 2:21 NEUROANATOMICAL DIFFERENCES IN UNILATERAL SENSORINEURAL  
HEARING LOSS DETECTED USING FUNCTIONAL MAGNETIC RESONANCE  
IMAGING  
Evan J Propst, MD

2:21 - 2:28 GENETICS OF CONGENITAL EXTERNAL EAR MALFORMATIONS IN  
MONOZYGOTIC AND DIZYGOTIC TWINS  
Maria Alexandra Artunduaga, MD

2:28 2:35 Discussion

2:35 - 3:25 Robin Cotton Panel: Methods of voice assessment and outcomes after surgery.  
Paolo Campisi MD (Moderator), Christopher Hartnick MD,  
Joe Kerschner MD, Marshall Smith MD, Karen Zur MD

3:25 3:30 Discussion

3:30 4:00 Break with Exhibitors

**Session #7 Moderator: David White, MD**

4:00 - 4:07 VIDEOLARYNGOSTROBOSCOPY IN PEDIATRIC POPULATION: ROLE IN  
DIAGNOSIS OF VOICE DISORDERS  
Samantha Anne, MD

4:07 - 4:14 ASPIRATION AFTER LASER VERSUS COLD STEEL SUPRAGLOTTOPLASTY  
Jeff C. Rastatter, MD

4:14 - 4:21 ABNORMAL VOICING IN CHILDREN USING BILATERAL COCHLEAR  
IMPLANTS.  
Theresa Holler, MD

4:21 - 4:30 Discussion

**Session #8 Moderator: Paul Krakovitz, MD**

4:30 - 4:37 LARYNGOTRACHEAL CLEFT SURGERY: INDICATIONS FOR ENDOSCOPIC  
APPROACH  
Noel E. Garabedian, MD

4:37 - 4:44 INTRALESIONAL CIDOFOVIR FOR THE TREATMENT OF PEDIATRIC  
RECURRENT RESPIRATORY PAPILLOMATOSIS: LONG TERM RESULTS David Mullin,

MD

4:44 - 4:51 THE ROLE OF BALLOON DILATION IN THE MANAGEMENT OF LARYNGEAL STENOSES IN CHILDREN

Charlotte Hautefort, MD

4:51 - 5:00 Discussion

5:00 – 5:10 ASPO AWARDS:

Charles F. Ferguson Clinical Research Award:  
Presented by Trevor J. McGill, MD

William P. Potsic Basic Science Award:  
Presented by William P. Potsic, MD

ASPO Travel Grant Awards:  
Presented by Jerome Thompson, MD

ASPO Poster Awards:  
Presented by Robert J. Ruben, MD

6:00 - 7:30 ASPO Poster Reception

### **Sunday May 24th, 2009**

Session #9 Moderator: Reza Rahbar, MD

8:00 - 8:07 INHIBITION OF MMPS IN MURINE CRICOID CARTILAGE DECREASES LUMINAL EXPANSION AND APOPTOSIS

Efrain Martinez-Alvernia, MD

8:07 - 8:14 PREVALENCE OF DYSPLASIA IN JUVENILE RECURRENT RESPIRATORY PAPILOMATOSIS: IMPACT OF INTRALESIONAL CIDOFOVIR

Javad A. Sajan, BS

8:14 - 8:21 DIAGNOSTIC ACCURACY OF OFFICE BASED FLEXIBLE FIBEROPTIC LARYNGOTRACHOSCOPY IN INFANTS

Larry Hartzell, MD

8:21 - 8:28 OCCULT LARYNGOMALACIA IN OLDER PEDIATRIC PATIENTS WITH OBSTRUCTIVE SLEEP APNEA

Mai Thy Truong, MD

8:28 - 8:35 Discussion

**Session #10 Moderator: Steven Goudy, MD**

8:35 - 8:42 SINGLE-STAGED VERSUS DOUBLE-STAGED LARYNGOTRACHEAL RECONSTRUCTION

Lee P. Smith, MD

8:42 - 8:49 PEDIATRIC PRIMARY ANTERIOR LARYNGOTRACHEOPLASTY: THYROID ALA VERSUS COSTAL CARTILAGE GRAFTS

Carolyn Nguyen, MD

8:49 - 8:56 THE SIGNIFICANCE OF POST-OPERATIVE FEVER FOLLOWING AIRWAY RECONSTRUCTION

Scott Schraff, MD

8:56 - 9:03 DOES AN ANATOMICALLY SHAPED ENDOTRACHEAL TUBE DECREASE INTUBATION INJURY?

Arie Gordin, MD

9:03 - 9:10 Discussion

9:10 - 9:55 Socioeconomic Panel: How to enhance your practice with clinical support.

Seth Pransky MD (Moderator), Linda Calandra NP,  
David Karas MD, Denise Lago PA, Brian Wiatrak MD

9:55 - 10:00 Discussion

10:00 -10:30 Break with Exhibitors

10:30 - 11:00 Presidential Lecturer: Sybill Storz

Introduction: Jerome Thompson, MD

(CME credit is not available for this presentation.)

11:00 - 11:10 Discussion

**Session #11 Moderator: Soham Roy, MD**

11:10 - 11:17 GENOME WIDE ANALYSIS OF GENE EXPRESSION CHANGES IN THE OROPHARYNGEAL MUCOSA OF CHILDREN EXPOSED TO SECONDHAND SMOKE

Samuel T. Ostrower, MD

11:17 - 11:24 INTEREST OF SIALENDOSCOPY IN JUVENILE RECURRENT PAROTITIS

Martins Carvalho, MD

11:24 -11:31 INCREASING INCIDENCE OF MRSA IN THE PEDIATRIC NECK ABSCESS

Colby G. McLaurin, MD

11:31 -11:38 ORAL PROPRANOLOL; THE END TO SURGICAL MANAGEMENT OF SUBGLOTTIC HEMANGIOMAS?

Mai Thy Truong, MD

11:38 11:45 Discussion

12:00 12:50 Lunch Breakout Session #1:  
Controversies in Pediatric Cochlear Implantation.

Blake Papsin, MD (Moderator,)John Germiller, MD, Margaret Kenna, MD, Robert O'Reilly,MD  
Kathie Sie, MD)

Lunch Breakout Session #2:  
Pediatric endoscopic skull base, pituitary, and orbital surgery.  
Ken Kazahaya MD (Moderator), Patrick Froehlich MD, Sanjay Parikh, MD

1:30 - 5:30 ASPO Social Program

6:00 - 7:00 Fireside Chat # 1: Multidisciplinary Review of Eosinophilic Esophagitis  
Dana Thompson MD (Moderator),  
Rayna M Grothe MD, Laura Orvidas MD

Fireside Chat #2: OSA after adenotonsillectomy: What to do next?  
Norman Friedman, MD, (Moderator),  
Hamdy El-Hakim, MD, Peter Koltai, MD,  
Sally Shott, MD

7:30 ASPO Banquet

**Monday May 25th, 2009**

**Session #12      Moderator: Joseph Dohar, MD**

7:30 - 8:00 ASPO Business Meeting ( ASPO members only)

8:00 - 8:07 LEUKOTRIENE RECEPTOR ANTAGONIST IN THE TREATMENT OF CHILDHOOD ALLERGIC RHINITIS - A RANDOMIZED PLACEBO- CONTROLLED STUDY

Victor J. Abdullah

8:07 - 8:14 SURGICAL DISTANCE TO THE SPHENOID SINUS: A COMPARISON OF NORMAL AND CYSTIC FIBROSIS PEDIATRIC PATIENTS

Xiao Zhao

8:14 - 8:21 NASAL IL-5, IL-6 AND IL-10 CONCENTRATIONS IN CHILDREN WITH UPPER RESPIRATORY VIRUSES DETECTED BY THE PCR

Cuneyt M. Alper, MD

8:21- 8:28 COMPLICATIONS OF NASAL CPAP/CANNULA USE IN THE NEONATAL INTENSIVE CARE UNIT SETTING

Kris R. Jatana, MD

8:28- 8:35 Discussion

**Session #13 Moderator: Murali Mahadevan, MD**

8:35- 8:42 CORRELATION OF SUBJECTIVE AND LINEAR MEASUREMENTS OF PALATAL AIRWAY ON LATERAL CEPHALOGRAPHS DURING ORTHODONTIC EVALUATION

Mohamed A. Bitar, MD

8:42- 8:49 INJECTION PHARYNGOPLASTY WITH CALCIUM HYDROXYLAPATITE FOR VELOPHARYNGEAL INSUFFICIENCY: PATIENT SELECTION AND TECHNIQUE

Matthew T. Brigger, MD

8:49- 8:56 EUSTACHIAN TUBE ANATOMY AND THE DEVELOPMENT OF CHOLESTEATOMA IN CHILDREN WITH CLEFT PALATE

Neil K. Chadha, MBChB

8:56- 9:03 PRE-OPERATIVE ASSESSMENT OF VPI WITH NASENDOSCOPY AND VIDEOFLUOROSCOPY: IS RADIATION EXPOSURE NECESSARY?

Anne Conlin, MD

9:03 - 9:10 Discussion

9:10 - 9:40 Bluestone Lecture: Cyril F. Chang, PhD

inefficiencies the U.S. Health Care System and Potential Solutions

Introduction: Jerome Thompson, MD

9:40 - 9:45 Discussion

9:45 -10:15 Break with Exhibitors

**Session # 14 Moderator: Stacey Ishman, MD**



10:15- 10:22 RELIABILITY OF A PEDIATRIC SLEEP QUESTIONNAIRE TO IDENTIFY PATIENTS WITH OBSTRUCTIVE APNEA DIAGNOSED BY POLYSOMNOGRAPHY  
David E. Karas, MD

10:22-10:29 EVOLVING THERAPIES TO TREAT RETROLINGUAL COLLAPSE IN PEDIATRIC OBSTRUCTIVE SLEEP APNEA  
Christopher T. Wooten, MD

10:29-10:36 PROFILE OF CHILDREN PRESENTING WITH EARLY ONSET SLEEP DISORDERED BREATHING  
Marie Lyons

10:36-10:43 THE UTILITY OF CINE MRI OF THE AIRWAY IN FOCUSING THE SURGICAL MANAGEMENT OF OBSTRUCTIVE SLEEP APNEA IN CHILDREN  
Harlan Muntz, MD

10:43-10:50 Discussion

**Session # 15      Moderator: Dana Suskind, MD**

10:50 - 10:57 ALTERATION OF THE TONSIL MICROBIOME IN PEDIATRIC TONSILLITIS  
Russel A. Faust, MD PhD

10:57 - 11:04 INCIDENCE OF REGROWTH AND REOPERATION AFTER INTRACAPSULAR TONSILLECTOMY  
Robert F. Ward, MD

11:04 - 11:11 A CASE-CONTROL COMPARISON OF LINGUAL TONSILLAR HYPERTROPHY IN CHILDREN WITH AND WITHOUT DOWNS SYNDROME  
Ahmad Sedaghat, PhD

11:11 - 11:18 INFORMED CONSENT IN PEDIATRIC SURGERY: HOW WELL DO PARENTS UNDERSTAND THE RISKS?  
Danial P. Nadeua, MD

11:18 - 11:25 Discussion

**Session # 16      Moderator: Jeff Ludemann, MD**

11:25 - 11:32 THE DIAGNOSIS OF PEDIATRIC PATIENTS WITH EOSINOPHILIC ESOPHAGITIS: THE OTOLARYNGOLOGIST'S PERSPECTIVE  
Lee P. Smith, MD

11:32 - 11:39 MANAGEMENT OF AIRWAY AND ESOPHAGEAL FOREIGN BODIES  
Rahul K. Shah, MD

11:39 - 11:46 ASSESSMENT OF CONSTIPATION IN CHILDREN WITH  
TRACHEOSTOMY  
Jeffrey P. Simons, MD

11:46 - 11:53 IN VITRO EFFECTS OF ACID AND PEPSIN ON MOUSE MIDDLE EAR  
EPITHELIAL CELL VIABILITY AND MUC5B GENE EXPRESSION  
Bradley B. Block, MD

11:53 - 12:00 Discussion

12:00 Adjournment - Sanjay R. Parikh, MD