

2007 ASPO Scientific Program

Friday, April 27, 2007

1:00 Presidential Welcome and Announcements
Michael Cunningham, MD

1st Scientific Session – High Scoring Abstract Submissions
Moderator: Michael Cunningham, MD

1:10 ENDOSCOPIC CRICOID SPLIT IN THE NEONATE
Lesley-Ann Cochrane, MD, David M Albert, MBBS, FRCS

1:18 EOSINOPHILIA: A CAUSE OF RECURRENT SPASMODIC CROUP SYMPTOMS
Laura J Orvidas, MD, Dana M Thompson, MD, MS

1:26 NASOPHARYNGEAL BIOFOLM DENSITY IN THE PEDIATRIC NASOPHARYNX:
RECURRENT ACUTE OTITIS MEDIA VERSUS OBSTRUCTIVE SLEEP APNEA
Giancarlo Zuliani, MD, Michael Carlisle, BS, Aaron Duberstein, MD, Michael Hauptert, DO,
Lisa Christensen, BS, BA, Richard Berk, PhD, James Coticchia, MD

1:34 ACUTE AND CHRONIC CHANGES IN THE SUBGLOTTIS INDUCED BY GRADED
CO2 LASER INJURY IN THE RABBIT AIRWAY MODEL
Todd D Otteson, MD, Vlad C Sandulache, PhD, Patricia A Hebda, PhD, Joseph E Dohar, MD

1:42 ANALYSIS OF UNIQUE GENOTYPE-PHENOTYPE CORRELATIONS IN HEARING
IMPAIRED GJB2 POSITIVE PATIENTS
Kenneth H Lee, MD, PhD Daniel A Larson, BS, Jareen Meinzen-Derr, PhD, Gordon Shott,
Daniel I Choo, MD, John H Greinwald, MD

1:50 THE VESTIBULAR OLYMPICS: A TEST OF DYNAMIC BALANCE FUNCTION IN
CHILDREN WITH COCHLEAR IMPLANTS
Sharon Cushing, MD, Blake C Papsin, MD, Adrian L James, MA, BM BCh, FRCS (ORL-HNS),
Ruth Chia, MSc Aud(C), Karen A Gordon MSc Aud, PhD

1:58 DISCUSSION

2:15 INTRODUCTION OF CHARLES B BLUESTONE LECTURER
Michael Cunningham, MD

2:20 Charles B Bluestone Lecture:
Current Federal and State Pediatric Issues and Effective Advocacy.
David Clark, MD

2:50 Break with Exhibitors

3:30 Panel: THE POLITICS OF PEDIATRIC OTOTOLOGY

Moderator: Ellis Arjmand, MD

Panelists: Audie Wooley, MD, Dennis Poe, MD, Margaret Kenna, MD, Richard Miyamoto, MD

4:30 Business Meeting (Members Only)

5:30 Adjourn

Saturday, April 28, 2007

7:00 ASPO Fun Run

8:00 Board Meeting (ASPO Board Members Only)

2nd Scientific Session – Sensorineural Hearing Loss and the Cochlea

Moderator: Robert Yellon, MD

1:00 P53 MODULATES DEGENERATION OF THE CISPLATIN-TREATED
MAMMALIAN COCHLEA: A POTENTIAL THERAPEUTIC TARGET

Alan G Cheng, MD, Richard S Morrison, PhD, Edwin W Rubel, PhD

1:08 NEOPLASMS AS A CAUSE OF UNILATERAL SENSORINEURAL HEARING LOSS
IN CHILDREN

Marc C Thorne, MD, Adrienne Laury, BS, John A Germiller, MD, PhD

1:16 FREQUENCY OF HEARING LOSS GENES IN CHILDREN WITH SENSORINEURAL
AND MIXED HEARING LOSS

Margaret Kenna, MD, Heidi Rehm, PhD, Anna Frangulov, BS, Bai-Lin Wu, PhD

1:24 RECEPTIVE LANGUAGE LEVEL AND ACADEMIC STATUS IN PRE-LINGUALLY
DEAFENED CHILDREN OVER TEN YEARS AFTER IMPLANTATION

Michel Mondain, MD, Martine Sillon, Adrienne Vieu, Françoise Artieres, Jean-Pierre Piron,
Alain S Uziel

1:32 IN SITU THERAPY CAN INDUCE REGENERATION OF COCHLEAR HAIR CELLS
IN VIVO

Christine Martins-Carvalho, MD, Emmanuel Mornet, MD, Tristan Montier, PhD,
Gerald Valette, MD, Gael Potard, MD, Remi Marianowski, MD, PhD

1:40 DISCUSSION

1:50 INTRODUCTION OF KARL STORZ LECTURER

Michael Cunningham, MD

1:55 Karl Storz Lecture:

THE PROMISE OF PROTONS IN PEDIATRIC HEAD AND NECK CANCER

Nancy J Tarbell, MD

3rd Scientific Session – Bronchoesophagology

Moderator: Andy Inglis, MD

2:25 FAILED EXTUBATION IN THE NEONATAL INTENSIVE CARE UNIT:
PREDICTORS OF TRACHEOSTOMY

Stacey Leigh Smith, MD, Kevin D Pereira, MD, Marion Henry, BS

2:33 LATE ONSET LARYNGOMALACIA: A VARIANT OF DISEASE

Gresham T Richter, MD, Alessandro de Alarcon, MD, Laura J Orvidas, MD

Michael J Rutter, MD, Dana M. Thompson, MD

2:41 ASPIRATION FOLLOWING SUPRAGLOTTOPLASTY FOR TREATMENT OF
SEVERE LARYNGOMALACIA

Kunal H Thakkar, MD, Sheri A Poznanovic, MD, James W Schroeder Jr, MD

2:49 DISCUSSION

3:00 Break with Exhibitors

3:30 Robin T. Cotton Panel on Head and Neck

Moderators: Christopher Hartnick, MD and Charles Myer III, MD

Panelists: Peter Koltai, MD, John Maddalozzo, MD, Vito Forte, MD, Nancy J Tarbell, MD

4th Scientific Session – Head and Neck Surgery/Airway

Moderator: Marci Lesperance, MD

4:30 LUMINAL EPITHELIUM AND TGFB-3 INCREASES CHONDROCYTE
PROLIFERATION AND APOPTOSIS IN MURINE CRICOID CARTILAGE IN VITRO

Efrain A Martinez, MD, Jennifer A Rudnick, BS, Leila A Mankarious, MD

4:38 LARYNGEAL AND TRACHEAL BALLOON DILATION

Michael Rutter, MD

4:46 JUVENILE ANGIOFIBROMA: PREDICTORS FOR POST-OPERATIVE
COMPLICATIONS AND TUMOR RECURRENCE

Patrick G Fernandez, BA, David A Kumpe, MD, Todd T Kingdom, MD, Kenny H Chan, MD

4:54 VASCULAR ANOMALY RELATIONAL DATABASE DEVELOPMENT AND USE IN
ASSESSMENT AND TREATMENT

Jonathan Perkins, MD, Marc Coltrera, MD

5:02 MOLECULAR SIGNALING IN ANGIOFIBROMAS POST-EMBOLIZATION:
IMPLICATIONS TO THERAPY

Bo-Yee Ngan, MD, Vito Forte, MD, Paolo Campisi, MD

5:10 PEDIATRIC AGGRESSIVE FIBROMATOSIS OF THE HEAD AND NECK

Alok Sharma, MBBCh, FRCS, Bo-Yee Ngan, MD, George KB Sandor, MD, DDS, Vito Forte, MD

5:18 DISCUSSION

5:30 Adjourn

5:30 ASPO President's Reception and Poster Viewing

7:30 ASPO Banquet on Lord Hornblower

Sunday, April 29, 2007

7:00 Past President's Breakfast

8:00 ASPO Business Meeting (Members only)

5th Scientific Session – Diagnostic Methods in Otology

Moderator: Ron Mitchell, MD

9:00 APPROPRIATE HEARING SCREENING IN THE PEDIATRIC PATIENT WITH HEAD TRAUMA

Michael Bowman, MD, Belinda Mantle, MD, Neil Accortt, PhD, Wenquan Wang, PhD, William Hardin, MD, Brian Wiatrak, MD

9:08 EARLY DETECTION OF MENINGITIC LABYRINTHITIS WITH MAGNETIC RESONANCE IMAGING

Jonathan C Kopelovich, BA, Adrienne Laury, BS, Avrum N Pollock, MD, John A Germiller, MD, PhD

9:16 THE SIGNIFICANCE OF UNILATERAL ENLARGED VESTIBULAR AQUEDUCT

Alessandro de Alarcon, MD, Trina Uwiera, MD, Brian Rasmussen, Ellis M Arjmand MD, PhD, Jareen Meizen Derr, PhD, John H Greinwald, MD

9:24 UTILITY OF TEMPORAL BONE CT MEASUREMENTS IN THE EVALUATION OF INNER EAR MALFORMATIONS

Judy Chen, MD, Kay W Chang, MD

9:32 IS ACUTE MASTOIDITIS A PREVENTABLE COMPLICATION OF ACUTE SUPPURATIVE OTITIS MEDIA IN CHILDREN?

David Ho, MBBS, Brian W Rotenberg, MD, Robert G Berkowitz, MD

9:40 DISCUSSION

9:50 Break with Exhibitors

6th Scientific Session – Disease of Waldeyer’s Ring

Moderator: Udi Shah, MD

10:20 ADHERENT BIOFILMS IN ADENOTONSILLAR DISEASES IN CHILDREN

Khalid A Al-Mazrou, MD, Abdulaziz S Al-Khattaf, PhD, MSc

10:28 INCIDENCE OF PERITONSILLAR ABSCESS AFTER INTRACAPSULAR AND EXTRACAPSULAR TONSILLECTOMY

Matthew Kohler, BSc, Ellen S Deutsch, MD, Joe Glutting, PhD, Robert O'Reilly, Richard Schmidt, MD, James Reilly, MD

10:36 NON-STEROIDAL ANTI-INFLAMMATORY DRUGS AND POST-OPERATIVE BLEEDING FOLLOWING ADENOTONSILLECTOMY IN PEDIATRIC PATIENTS

Anita Jeyakumar, MD, Todd M Brickman, MD, Mary E Williamson, MD, Christopher Discolo, MD, Kenneth Whitemore, MD

10:44 NON-STEROIDAL ANTI-INFLAMMATORY AGENTS (NSAIDS) USE FOLLOWING TONSILLECTOMY: NO EVIDENCE OF INCREASED HEMORRHAGE RATES

Colin S Barber MB ChB, FRACS, Brian J Anderson MB ChB, PhD

10:52 PERIORAL BURNS FOLLOWING ADENTONSILLECTOMY: AN UNDER-REPORTED YET POTENTIALLY SERIOUS COMPLICATION

Michael J Nuara, MD, Albert H Park, MD, Stephen C Alder, PhD, Marshall E Smith, MD

11:00 DISCUSSION

7th Scientific Session – Things Rhinologic

Moderator: Sanjay Parikh, MD

11:10 EFFECTIVENESS OF ADENOIDECTOMY IN TREATING PEDIATRIC SINUSITIS: A SYSTEMATIC REVIEW

Eric C Deussing, MD, Marian N Hyatt, MSc, Scott E Brietzke, MD

11:18 LONG-TERM IMPROVEMENTS IN QUALITY OF LIFE AFTER SURGICAL THERAPY

FOR PEDIATRIC SINONASAL DISEASE

Emily Rudnick, MD, Ron B Mitchell, MD

11:26 PREDICTIVE FACTORS FOR SUCCESS AFTER TRANSNASAL ENDOSCOPIC TREATMENT OF CHOANAL ATRESIA IN CHILDREN

Natacha Teissier, MD, Vincent Couloigner, MD, PhD, Martine Francois, MD, Thierry Van Den Abbeele, MD, PhD

11:34 A PROSTHETIC NASOPHARYNGEAL AIRWAY IN THE MANAGEMENT OF SLEEP DISORDERED BREATHING IN SYNDROMIC CRANIOSYNOSTOSES

Michelle Wyatt, MA, FRCS, Jay Ahmed, MRCS, Rebecca Heywood, MRCS,
Susanna EJ Leighton, BSc, FRCS (ORL-HNS)

11:42 PEDIATRIC PRE AND POST SEPTAL PERIORBITAL INFECTIONS ARE
DIFFERENT DISEASES – A RETROSPECTIVE REVIEW OF 262 CASES

David McIntosh, MBBS, FRACS, Andrew M Botting, MBChB,
Murali Mahadevan, FRACS

11:50 DISCUSSION

12:00 Lunch

Sunday, April 29, 2007

1:00 INTRODUCTION OF PRESIDENTIAL KEYNOTE SPEAKER

Michael Cunningham, MD

1:05 Presidential Keynote Address:
IS THIS ALL THERE IS OR IS THERE MORE
Gerald Healy, MD

1:35 Presentation of Potsic and Ferguson Awards
Michael Cunningham, MD, James S Thomsen, MD

8th Scientific Session – Interesting Odds and Ends

Moderator: Anthony Magit, MD

1:45 THE OTOLARYNGOLOGIC MANIFESTATIONS IN CHILDREN WITH
EOSINOPHILIC ESOPHAGITIS

Belinda Mantle, MD, Todd D Otteson, MD, Alka Goyal, MD,
Margaretha L Casselbrant, MD, PhD

1:53 AGE SPECIFIC PREVALENCE OF ABNORMAL MIDDLE EAR PRESSURES IN
YOUNG CHILDREN DURING THE RESPIRATORY SEASON

Cuneyt M Alper, MD, Birgit Winther, Ellen M Mandel, Owen J Hendley,
Margaretha L Casselbrant, MD, PhD, William J Doyle

2:01 PEDIATRIC MICROTIA: TECHNIQUES IN PEDIATRIC AURICULAR
RECONSTRUCTION

A PERSONAL REVIEW OF 800 MICROTIA PATIENTS

J Arturo Bonilla, MD

2:09 SUSPENSION OR “REPOSE” GENIOGLOSSUS ADVANCEMENT – SURGICAL
TREATMENT OF OSA BEYOND T&A

Sally R Shott, MD

2:17 Report of the Ad Hoc Education Committee
Ellen Deutsch, MD

2:25 DISCUSSION

9th Scientific Session – Otolology: Basic Science

Moderator: Joseph Kerschner, MD

2:40 EFFECTS OF COTRIMOXAZOLE ON RESISTANCE AND INTEGRONS IN THE
INTESTINAL FLORA OF CHILDREN WITH CHRONIC OTITIS MEDIA

Anne GM Schilder, MD, PhD, Erwin L van der Veen, MD, Tim Timmers, MD

Maroeska M Rovers, MSc, PhD, Ad C Fluit, PhD, Maurine A Leverstein van Hall, MD, PhD

2:48 MUC2 EXPRESSION IN HUMAN MIDDLE EAR EPITHELIUM OF OTITIS MEDIA
PATIENTS

Matthew J Ubell, MD, Joseph E Kerschner, MD, Amy Burrows, BS, P Ashley Wackym, MD

2:56 ELECTRON MICROSCOPY STUDY OF HYDROGEN PEROXIDE OTOTOXICITY
IN A CHINCHILLA ANIMAL MODEL

Sam Daniel, MD, Fadi Akache, Marc Eli Nader, Raymundo Munguia

3:04 ALLOIOCOCCUS OTITIDIS IN OTITIS MEDIA

Shyan Vijayasekaran, MBBS, FRCS, Ruth Thornton BSc, Karen Prosser, MBBS,

Peter Richmond, FRACP, David Stroman PhD, Selma P Wiertsema, PhD,

Harvey Coates, MBBS, FRACS

3:12 REAL-TIME POLYMERASE CHAIN REACTION QUANTIFICATION OF MIDDLE
EAR PATHOGENS IN NASOPHARYNX: OTITIS PRONE VERSUS SLEEP APNEA

Aaron Duberstein, MD, Michael Carlisle, BS, Kelvin Kwong, BS, Michael Haupt, DO,

Zhong Dong, MD, PhD, Richard Berk, PhD, James Coticchia, MD

3:20 DISCUSSION

3:45 Break

10th Scientific Session – The Larynx and Voice

Moderator: Scott Manning, MD

4:15 UNILATERAL VOCAL CORD PARALYSIS FOLLOWING PDA LIGATION IN
EXTREMELY LOW

BIRTH-WEIGHT INFANTS: A BENIGN COMPLICATION?

W Andrew Clement, FRCS (ORL), Hamdy El-Hakim FRCS (ORL), Ernest Z Phillipos, MD,

Judith J Coté MN, RN (NP)

4:23 BOTULINUM TOXIN INJECTION FOR EXTERNAL LARYNGEAL MUSCLES IN PEDIATRIC LARYNGEAL PARALYSIS: PRELIMINARY RESULTS IN A SMALL CONSECUTIVE SERIES

Hamdy El-Hakim, FRCS (ORL)

4:31 SIMPLIFYING LARYNGEAL EMG TO ASSESS PEDIATRIC VOCAL FOLD IMMOBILITY: TECHNICAL CHALLENGES AND PRELIMINARY RESULTS

Andrew Scott, MD, Peter Siao Tick Chong MD, Christopher Hartnick, MD

4:39 WNT1 Is Critical For Midface Development

Sarah Rohde, MD, Diego Porras, MD, Christopher B Brown, PhD, Steven L Goudy, MD

4:47 DISCUSSION

5:00 Adjourn