

MAY 1, 2008

1:00pm Introduction
Marvin Fried, MD

Moderators: Pete Batra, MD, John Delgaudio, MD

- 1:05 Epithelial Gene Expression in Chronic Rhinosinusitis with and without Nasal Polyps**
Sara Richer, MD, David Conley, MD, Robert Kern, MD, Robert Schleimer, MD Chicago, IL
- 1:12 The Effects of Endoscopic Sinus Surgery on Level of Fatigue in Patients with Chronic Rhinosinusitis**
Nathan Sautter, MD, Jess Mace, MPH, Alec Chester, MD, Timothy Smith, MD Portland, OR
- 1:19 Endoscopic Endonasal Transorbital Tumor Surgery**
Adam Zanation, MD, Carl Snyderman, MD, Ricardo Carrau, MD, Amin Kassam, MD Pittsburgh, PA
- 1:26 Discussion**

Moderators: Jay Dutton, MD, Robert Kern, MD

- 1:33 Inducible Nitric Oxide Synthase Expression In Vitro Differs in Human Sinonasal and Bronchial Epithelial Cells**
Bradley Otto, MD, Kazuyuki Chibana, MD, Berylin Ferguson, MD, Sally Wenzel, MD Pittsburgh, PA
- 1:40 Microarray analysis of distinct gene transcription profiles in non-eosinophilic chronic sinusitis with nasal polyps.**
Spencer Payne, MD, Joseph Han, MD, Larry Borish, MD, Larry Steinke, MD Charlottesville, VA
- 1:47 Intra-cranial complications before and after endoscopic skull base defect repair**
Richard Harvey, MD, Jacob Smith, MD, Sarah Wise, MD, Rodney Schlosser, MD Charleston, SC
- 1:54 Discussion**
- 2:01 Panel – Revision Endoscopic Sinus Surgery**
Moderator: James Stankiewicz, MD
Panelists:
- 2:46 Break with Exhibitors**

Moderators: Todd Smith, MD, Todd Kingdom, MD

- 3:05 Peripheral Blood Mononuclear Cells from Allergic Fungal Rhinosinusitis Adults Elicit a TH2 Cytokine Response to Fungal Allergens**
Amber Luong, MD, Laurie Davis, Ph.D, Bradley Marple, MD, Martin Citardi, MD Cleveland, OH
- 3:12 Antigen-Specific IgE in Sinus Mucosa of Allergic Fungal Rhinosinusitis Patients**
Sarah Wise, MD, Chadwick Ahn, MD, Deanne Lathers, Ph.D, Rodney Schlosser, MD Atlanta, GA
- 3:19 Comparison of Transnasal Endoscopic and Open Craniofacial Resection for Malignant Tumors of the Anterior Skull Base: The University of Miami Experience**
Jean Anderson Eloy, MD, Richard Vivero, MD, Kimberly Hoang, BS, Roy Casiano, MD Miami, FL
- 3:26 Discussion**

Moderators: Peter Catalano, MD, Todd Loehr, MD

- 3:33 The Investigation of Several Anti-Biofilm Treatments Using an In-vivo Animal Model**
Peter J. Wormald, MD, Alkis Psaltis, MD, Tong Le, MD Woodville, Australia
- 3:40 Correlating Patient Symptom Scores with Radiographic Scores in Chronic Rhinosinusitis: The Impact of Gender and Disease Type**
Jeff Cunningham, MD, Brian Matthews, MD Winston Salem, NC

3:47 Results of Endoscopic Maxillary Mega-Anrostomy in Recalcitrant Maxillary Sinusitis

Do-Yeon Cho, MD, Peter Hwang, MD Stanford, CA

3:54 Discussion

Moderators: Kathleen Yaremchuk, MD, Stilianos Kountakis, MD

- 4:01 The Role of Desmosomal Junctions in Nasal Polyposis**
Jodi Zuckerman, MD, John Delgaudio, MD, Charles Moore, MD, Charles Parkos, MD Atlanta, GA
- 4:08 Effect of treatment with zileuton in patients with chronic rhinosinusitis with nasal Polyposis**
Patricia Maeso, MD, Subinoy Das, MD, Stilianos Kountakis, MD Augusta, GA
- 4:15 Retrospective cohort analysis of two types of sellar and parasellar mass resection: trans-nasal endoscopic approach with endoscopic excision versus trans-septal approach with microscopic excision**
Thomas Higgins, Jr., MD, Daniel Karaka, MD, Singh Ran Vijai, MD, Joseph Han, MD Norfolk, VA
- 4:22 Discussion**
- 4:30 Masters in Rhinology – Nasal Polyps “How I Remove Nasal Polyps and Open the Sinuses”**
- 4:45 Discussion**

MAY 2, 2008

Moderators: Bradley Marple, MD, Thomas Tami, MD

- 8:00 Development of a low cost endoscopic sinus surgical trainer**
Randy Leung, MD, Jerry Leung, MD, Adam Dubrowski, Ph.D, IanWitterick, MD Toronto, Canada
- 8:07 Combined Image Guidance and Intraoperative Computed Tomography in Facilitating Endoscopic Orientation Within and Around the Paranasal Sinuses**
Sarah Wise, MD, Richard Harvey, MD, Patrick Sheehan, MD, Rodney Schlosser, MD Atlanta, GA
- 8:14 Balloon Catheter Dilatation for Frontal Sinus Ostium Stenosis in the Office Setting**
Amber Luong, MD, Pete Batra, MD, Samer Fakhri, MD, Martin Citardi, MD Cleveland, OH
- 8:21 Discussion**

Moderators: Roy Casiano, MD, James Stankiewicz, MD

- 8:28 Reversible Loss of Neuronal Marker Protein Expression in a Transgenic Mouse Model for Sinusitis-associated Olfactory Dysfunction**
Justin Turner, MD, Lindsey May, BS, Randall Reed, Ph.D, Andrew Lane, MD Baltimore, MD
- 8:35 Clinical Utility of Intraoperative Volume CT Scanner for Endoscopic Sinonasal and Skull Base Procedures**
Pete Batra, MD, Seth Kanowitz, MD, Martin Citardi, MD Cleveland, OH
- 8:42 Frontal sinus preservation in anterior skull base surgery**
Ameet Singh, MD, Vijay Anand, MD, Theodore Schwartz, MD, Jeff Greenfield, MD New York, NY
- 8:49 Discussion**

Moderators: Peter Hwang, MD, Brent Senior, MD

- 8:56 In vivo Effects of Citric Acid/Zwitterionic Surfactant (CAZS) cleansing solution on sinus Mucosa**
Noam Cohen, MD, Edwin Tamashiro, MD, Marcelo Antunes, MD, Alexander Chiu, MD Philadelphia, PA
- 9:03 The Lund-Mackay Staging System for Chronic Rhinosinusitis and Its Relationship to Nasal Polyposis, Asthma and Atopy.**
Aaron Pearlman, MD, Rakesh Chandra, MD, David Conley, MD, Robert Kern, MD Chicago, IL

cosm meeting program cont.,

9:10 **Endoscopic Anatomy of The Petrous Carotid Artery**
Lee Zimmer, MD, Catherine Hart, MD, Philip Theodosopoulos, MD
Cincinnati, OH

9:17 **Discussion**

9:24 **Controversies in Rhinology**

A. Osteoplastic Flap

B. Modified Lothrop

9:52 **Break with Exhibitors**

Moderators: Stephanie Joe, MD, Andrew Lane, MD

10:15 **Detection of biofilms from patients with chronic sinusitis using an electronic nose**
Erica Thaler, MD, Noam Cohen, MD, Dan Huang, Ph.D, C. William Hanson, MD
Philadelphia, PA

10:22 **Nasal airway patency during REM and non-REM sleep**
Luc Morris, MD, Joseph Jacobs, MD, Richard Lebowitz, MD, Kelvin Lee, MD

10:29 **Prospective Evaluation of the Nasoseptal Flap for Endoscopic Anterior Skull Base Reconstruction**
Adam Zanation, MD, Carl Snyderman, MD, Ricardo Carrau, MD, Amin Kassam, MD
Pittsburgh, PA

10:36 **Discussion**

Moderators: Neil Bhattacharyya, MD, Michael Setzen, MD

10:43 **Chitin stimulates eosinophilic inflammation in chronic rhinosinusitis with polyps**
Andrew Lane, MD, Asheley Laleker, BA, Murugappan Ramanathan, MD
Baltimore, MD

10:50 **Olfactory Dysfunction in Allergic Rhinitis**
Joel Guss, MD, Laurel Doghramji, RN, Alexander Chiu, MD
Philadelphia, PA

10:57 **Use of New Pharmacologically Active Middle Meatal Stent**
Peter Catalano, MD, Spencer Payne, MD, Tamara Rimash, MD, Ami Chitalia, BS
Burlington, MA

11:04 **Discussion**

11:11 **Panel – “Pediatric Sinus Surgery 2008”**

Moderator, Sanjay Parikh, MD

“Evidence Based Indications for Pediatric Sinus Surgery”
Richard Rosenfeld, MD

“Pediatric Chronic Rhinosinusitis 2008 – The Role of Adenoids, Biofilm, Reflux, CD, IgG”
Harlan Muntz, MD

“Conservative and Extended Techniques – Where Are We Today?”
Rodney Lusk, MD

“Post Operative Care”
Hassan Ramadan, MD

12:00 **Business Meeting**