

# Program • Friday, April 17, 2009

- 7:00–8:00am **CONTINENTAL BREAKFAST & EXHIBITS**  
Freedom/Independence Ballroom
- 8:00–8:45am **PLENARY SESSION: Evolution of Endoscopic Sinus Surgery**  
Liberty Ballroom AB  
Chair: James Palmer  
Keynote Speaker: Heinz Stammberger
- 8:50–10:00am **ROUND TABLE: Surgical Techniques**  
Liberty Ballroom AB  
Chair: James Palmer, Moderator: Heinz Stammberger  
Balloon Sinuplasty: Howard Levine  
Aggressive Approaches to Sinus Disease: Wytske Fokkens  
Extended Frontal Approaches: Alexander Chiu  
Changes in Surgical Concepts: David Kennedy  
Powered Instrumentation: James Palmer  
Changes in Our Approach to the Frontal: Heinz Stammberger
- 10:00–10:30am **BREAK: Refreshments in Exhibit Hall**  
Freedom/Independence Ballroom
- 10:30–11:25am **MINI SEMINAR: Endoscopic Sinus Surgery**  
Liberty Ballroom C  
Chair: James Palmer, Moderator: Hiroshi Moriyama  
Frontal Sinus Surgery—Key Points and Pitfalls: Nobuyoshi Otori  
ESS for Blowout Fracture: Shoji Matsune  
Revision Sinus Surgery and Postoperative Treatment: Shinichi Haruna
- 10:30–11:25am **GREAT DEBATE:**  
**Open vs. Endoscopic Approaches for Malignancy**  
Liberty Ballroom D  
Moderator: Bert O'Malley  
Contextuality in Skull Base Surgery: Ivo P. Janecka  
Endoscopic Options for Management of Sinonasal Malignancies: Piero Nicolai
- 10:30–11:25am **ARS MEETING PAPERS**  
Liberty Ballroom AB  
Moderators: Peter Hwang, Chris McMains
- 10:30am Abstract #1785—Treatment-Recalcitrant Chronic Rhinosinusitis With Polyps Is Associated With Altered Epithelial Cell Expression Of Interleukin-33: Andrew Lane
- 10:36am Abstract #1731—Controlled Steroid Delivery via Bioabsorbable Stent: Safety and Performance in a Rabbit Model: Peter Li
- 10:42am Abstract #1639—The Use of Bioresorbable Staples for Mucoperichondrial Flap Coaptation in Septoplasty: Thomas Tami
- 10:48am Discussion  
Moderators: Todd Kingdom, Martin Citardi
- 11:00am Abstract #1558—Treatment Of Recalcitrant Chronic Rhinosinusitis With Long-Term, Low-Dose Macrolide Antibiotics: Anders Cervin
- 11:06am Abstract #1815—Title: Current Practice in the Use of Systemic Steroids in CRS: Amy Anstead
- 11:12am Abstract #1816—Title: Antimicrobial Lipid Composition of Sinus Secretions In Patients With And Without Chronic Rhinosinusitis: Jivianne Lee
- 11:18am Discussion  
Moderator: Michael Setzen
- 11:30am Expert's How I Do It: Inverted Papilloma Removal: David Kennedy
- 11:40am Discussion  
Moderators: Timothy Smith, Kathleen Yaremchuk
- 11:45am Abstract #1693—Traumatic Optic Neuropathy: Role of Bone Marrow Mononuclear Stem Cell Implant?: Ashok Gupta
- 11:51am Abstract #1554—Allergic Fungal Sinusitis (AFS): Detection of Fungal DNA in Sinus Aspirate Using PCR: Shawky Elmorsy
- 11:57am Abstract #1652—Wound Healing Model of Nasal Mucosa in a Rat: Roza Khalmuratova
- 12:03pm Discussion  
Moderator: Richard Orlandi
- 12:15pm Expert's How I Do It: Anterior Skull Base Defects: Stilianos Kountakis
- 12:25pm Discussion
- 11:35–12:30am **MINI SEMINAR: Nasal Valve/Functional Rhinoplasty**  
Liberty Ballroom C  
Chair: Minas Constantinides, Moderator: Paul Toffel  
Introductions: Minas Constantinides, Paul Toffel  
Preferred Techniques for Nasal Valve Collapse: Oren Friedman  
Managing the Caudal Septum: Jacob Steiger  
The Butterfly Graft for Nasal Valve Collapse: Philip Miller  
Spreader Grafts to Correct Nasal Valve Dysfunction: Roxana Cobo  
Structural Grafting of the Nasal Valves, Form with Function: Stephen Goldstein  
Open Discussion with Audience
- 11:35–12:30pm **GREAT DEBATE: Genetics vs. Environment**  
Liberty Ballroom D  
Moderator: Donald Lanza  
Introduction: Donald Lanza  
Genetics: Martin Desrosiers  
Environment: Wytske Fokkens  
Rebuttal: Martin Desrosiers  
Rebuttal: Wytske Fokkens  
Conclusions: Donald Lanza  
Tally Vote by a Show of Hands
- 12:30–1:30pm **LUNCH: Boxed Lunches available in Luncheon Symposium (Liberty Ballroom AB) and Exhibit Hall (Freedom/Independence Ballroom)**
- 12:30–1:30pm **LUNCHTIME SYMPOSIUM: Evidence-based Medicine: The Foundation Behind Balloon Sinuplasty™ Technologies**  
*How do new technologies, clinical data and applied science stimulate a new era in ESS?*  
Liberty Ballroom AB  
Panelists: Ford Albritton, Peter Catalano, David Conley, Spence Payne, James Stankiewicz
- 1:30–5:00pm **RHINOLOGY BOWL**  
Horizons Ballroom
- 1:30–5:00pm **INSTRUCTIONAL COURSE: Hands-on Lab Dissection**  
UPENN School of Medicine, Stemmler Hall Rm 212  
(Pre-registration required; buses leave the Sheraton at 1:00pm)  
Devraj Basu, Samuel Becker, Seth Brown, David Conley, Samer Fakhri, Nick Jones, Jason Newman, Rodney Schlosser, Daniel Simmen, Abtin Tabae, Lawrence Tom, Erik Weitzel, Kathleen Yaremchuk

1:30–2:25pm	<p><b>MINI SEMINAR: Comprehensive Management of Non-Invasive Fungal Rhinosinusitis</b> Logans 2 Chair: Ossama Hamid, Moderator: Simon Carney Introduction: Ossama Hamid Diagnosis and Classification: Jean-Michel Klossek Clinical Management: Ramesh Deka Adjuvant Therapies &amp; Experimental Techniques: Simon Carney</p>	Pharmacology Effects of Common Intranasal Medications on Cilia Function: Yang-Gi Min Discussion: Consensus on Techniques, Temperature, Solutions, Experimental Paradigms: Noam Cohen
1:30–2:25pm	<p><b>DEMONSTRATION DISSECTION: Plastics</b> Liberty Ballroom AB M. Eugene Tardy Discussants: Daniel Becker, Ian Mackay</p>	1:30-2:30pm <b>AAOA PAPER SESSIONS</b> Salon 1 Moderators: Suman Golla
1:30–2:25pm	<p><b>MINI SEMINAR: Mucosal Biofilms</b> Liberty Ballroom D Chair: Martin Desrosiers, Moderator: James Palmer What are Biofilms and Why are they Important?: Niels Hoiby Sinonasal Biofilms and Pseudomonas: Christian Buchwald Microbiology and Immunology of Biofilms: Jeff Leid Biofilm Communities in the Sinuses: Kevin (Chris) McMains The Electronic Nose and Biofilms: Erica Thaler Biofilms and the Sinuses—the Adelaide Experience: Alkis Psaltis Questions: Martin Desrosiers</p>	1:30pm Abstract #1895—The Long-Term Efficacy Of Mucosal Cpg Oligodeoxynucleotides In The Treatment Of Eustachian Tube Dysfunction In Rats: Deidra Blanks 1:40pm Abstract #1896—Validation of Optical Rhinometry Using Nasal Provocation Testing in Allergic and Nonallergic Subjects: Amber Luong 1:50pm Abstract #1897—Histopathology of Nasal Polyps for CRS; Preliminary Results: Joseph Han 2:00pm Abstract #1729—Genome-Wide Analysis of Gene Expression Changes in the Chronic Rhinosinusitis: Alla Solyar 2:10pm Abstract #1850—Development Of A Mouse Model of Chronic Maxillary Sinusitis: Xiaoyang Hua 2:20pm Questions
1:30–2:25pm	<p><b>INSTRUCTIONAL COURSE: Granulomatous Diseases of Rhinology</b> (USC Rhinology Course) Logans 1 Chair: Jean-Silvain Lacroix, Moderator: Bozena Wrobel Granulomatous Disease &amp; Sinus Disease: General Introduction, Classification, Opening Remarks: Bozena Wrobel Sarcoidosis and Sinus Disease/Lethal Midline Cholesterol Granulomas: Valerie Lund Wegener’s Granulomatosis and Sinus Disease: Pete Batra Cocaine Abuse and Granulomatous Disease: Matteo Trimarchi Churg-Strauss Syndrome, Eosinophilic Granuloma, Cholesterol Granulomas, Rhinoscleroma: Alexis Jackman Closing Thoughts: Jean-Silvain Lacroix</p>	1:30–3:30pm <b>IRS/ISIAN PAPER SESSIONS</b> Salon 3/4 Moderators: Adam Zanation, Theodore Truitt
1:30–2:25pm	<p><b>INSTRUCTIONAL COURSE: Granulomatous Diseases of Rhinology</b> (USC Rhinology Course) Logans 1 Chair: Jean-Silvain Lacroix, Moderator: Bozena Wrobel Granulomatous Disease &amp; Sinus Disease: General Introduction, Classification, Opening Remarks: Bozena Wrobel Sarcoidosis and Sinus Disease/Lethal Midline Cholesterol Granulomas: Valerie Lund Wegener’s Granulomatosis and Sinus Disease: Pete Batra Cocaine Abuse and Granulomatous Disease: Matteo Trimarchi Churg-Strauss Syndrome, Eosinophilic Granuloma, Cholesterol Granulomas, Rhinoscleroma: Alexis Jackman Closing Thoughts: Jean-Silvain Lacroix</p>	1:30pm Abstract #1598—The Effects of Bipolar Radiofrequency Ablation on Sinonasal Mucosa in a Sheep Model: Laura Swibel Rosenthal 1:38pm Abstract #1609—Radiofrequency Coblation Decreases Blood Loss During Endoscopic Sinonasal and Skull Base Tumor Removal: John Kostrzewa 1:46pm Abstract #1814—An Initial Clinical Evaluation of a Three Dimensional Endoscope System for Endoscopic Sinus and Skull Base Surgery: Adam Zanation 2:00pm Abstract #1643—Clinical Experience Using Canine Fossa Access During Trans-Antral, Endoscopically Guided Balloon Dilation of the Ostiomeatal Complex (OMC): Theodore Truitt 2:08pm Abstract #1644—Early Results for Trans-Antral Balloon Antrostomy under Local Anesthesia in the Office: Theodore Truitt
1:30–3:30pm	<p><b>MINI SEMINAR: Mucociliary Clearance &amp; Cilia Function</b> Liberty Ballroom C Chair: Markus Rautiainen, Moderator: Noam Cohen Welcome and Overview: Markus Rautiainen Introduction: Noam Cohen Physiology Mucociliary Clearance Physiology, 2009 Update: Bradford Woodworth Role of Calcium in the Regulation of Airway CBF: Luo Zhang Pathophysiology of Cilia in CRS CBF in Normal, CRS &amp; Polyp Nasal Tissue: Itzhak Braverman Cilia Dynamic Dysfunction in CRS: Noam Cohen Quantification In Vivo Ciliary Beat Frequency-Capture &amp; Analysis: H. Peter Doble Surgery Effects of Sinus Surgery on Antral Mucociliary Clearance: Markus Rautiainen</p>	2:16pm Abstract #1754—Case Study: Mechanisms of Action for Balloon Dilation of the Ostiomeatal Unit (OMU) in Patients with Chronic Rhinosinusitis: James Atkins 2:30pm Abstract #1758—Is Loose Nasal Packing Efficient and Safe After Inferior Turbinectomy: Tung-Tsun Huang 2:38pm Abstract #1797—Sinus Spacer: A Preliminary Analysis Of Efficacy and Safety: Mark Thong 2:46pm Abstract #1861—Packingless Rhinologic Surgery: A 20 Year Experience: Chester Griffiths 3:00pm Abstract #1775—Incidence of Fontanel Defects and the Two Holes Syndrome: Katarina Vukovic 3:08 PM Abstract #1769—A 24-Year Experience in Endoscopic Surgical Management of Sino-Nasal Mucocoeles: Devyani Lal 3:16pm Abstract #1807—Local Mucosal Flaps in the Management of Post-Sphenoidotomy Stenosis: John Lee

1:30-3:30pm

## IRS/ISIAN PAPER SESSIONS

Salon 5/6

Moderators: Jay Dutton, Abtin Tabae

- 1:30pm Abstract #1545—Prevalence and Severity of Anosmia in Workers Exposed to the World Trade Center Site: Shaun Desai
- 1:38pm Abstract #1734—The Effect of Middle Turbinate Suture Medialization on Olfaction: Jay Dutton
- 1:46pm Abstract #1765—Olfactory Bulb Volume in Idiopathic Olfactory Loss: Philippe Rombau
- 2:00pm Abstract #1631—Sinus Culture Directed Management of Sinusitis in a Tertiary Rhinology Centre: Carl Philpott
- 2:08pm Abstract #1670—Epstein-Barr Virus—Mild Acquired Immune Deficiency Syndrome in Sinusitis, Implications for Treatment of Biologic Chronic Fatigue Syndrome: Paul Toffel
- 2:16pm Abstract #1604—Allergic Fungal Sinusitis—A New Staging System: Carl Philpott
- 2:30pm Abstract #1663—Cerebrospinal Fluid Rhinorrhoea: New Classification & Guidelines for Endoscopic Management: Reda Kamel
- 2:38pm Abstract #1702—Repair of Frontal Sinus Cerebrospinal Fluid Leak: Selecting a Surgical Approach: Jian-bo Shi
- 2:46pm Abstract #1722—Endoscopic Repair of Basal Sinonasal Cephaloceles: Mohammed Hassab
- 3:00pm Abstract #1802—Endoscopic Management of Cerebrospinal Fluid Leaks of the Sphenoid Sinus: Annie Lee
- 3:08pm Abstract #1806—“Gasket-Seal” Reconstruction of the Sellar Floor Using Non-Autologous Material in Revision Endoscopic Pituitary Surgery: Abtin Tabae
- 3:16pm Abstract #1885—Endoscopic Repair of CSF Leak Rhinorrhea in 165 Patients: The Outcomes: Marina Nersesyan

1:30-3:30pm

## IRS/ISIAN PAPER SESSIONS

Salon 9

Moderators: Zara Patel, Shahriar Nazari

- 1:30pm Abstract #1677—Exploring Legal Risks Related to Endoscopic Sinus Surgery: David Keschner
- 1:38pm Abstract #1706—Correlation Between Subjective Assessment and Objective Measurement of Nasal Obstruction: Gehua Zhang
- 1:46pm Abstract #1715—Outcomes Testing for Endoscopic Skullbase Surgery including Nasal Tissue Resection: Zara Patel
- 2:00pm Abstract #1669—Complications and Sequelae of Fractures Involving the Sphenoid Sinus: Joseph Sciarrino
- 2:08pm Abstract #1674—Ventral Skull Base Erosions as Risk Factors for the Recurrence of Allergic Fungal Rhinosinusitis After Endonasal Endoscopic Surgery: Omar El-banhawy
- 2:16pm Abstract #1675—Molecular Characterization of the Polymicrobial Flora in Chronic Rhinosinusitis (CRS): Marie-France Stephenson
- 2:30pm Abstract #1790—Revision Rhinoplasty For Correction of Deviated Nose: Yong Ju Jang
- 2:38pm Abstract #1791—Classification And Treatment Outcome of Convex Nasal Dorsum Deformity In Orientals: Ji Heui Kim
- 2:46pm Abstract #1818—An Adjustable Implant for Nasal Valve Dysfunction: A 3 Year Experience: Charles Hurbis
- 3:00pm Abstract #1855—The Role of Titanium Plates In Septorhinoplasty: Jose Godoy
- 3:08pm Abstract #1864—Is Lateral Osteotomy an Obligation In Rhinoplasty For Crooked and Non-Crooked Nose or Not: Shahriar Nazari
- 3:16pm Abstract #1865—Multilayer Spreader Grafts: Shahriar Nazari

1:30-3:30pm

## IRS/ISIAN PAPER SESSIONS

Salon 10

Moderators: Shawky Elmorsey, Stephanie Joe

- 1:30pm Abstract #1578—Correlation Between Outcomes of Endoscopic Management of Sinogenic Facial Pain or Headache and Preoperative Computed Tomography in Rhinosinusitis: Mohamed Askar
- 1:38pm Abstract #1616—Long Term Results of Septal-Turbinate-Suture in Endoscopic Sinus Surgery: Mona Ashoor
- 1:46pm Abstract #1655—Epidemiological Findings of Chronic Rhinosinusitis in our Population: Rafael Hijano
- 2:00pm Abstract #1736—Upregulation of Bcl-2 in Nasal Polyps of Patients with Cystic Fibrosis: Victor Scapa
- 2:08pm Abstract #1708—Prevalence of Metabolic Bone Disease in Chronic Rhinosinusitis: Karthik Rajasekaran
- 2:16pm Abstract #1726—Extranodal Rosai-Dorfman Disease involving Pterygopalatine fossa, Orbit and Middle Cranial Fossa—Case Report: Tsan-Jen Chiu
- 2:30pm Abstract #1853—PGE2 Suppresses Staphylococcal Enterotoxin-Induced Eosinophilia-Associated Cellular Responses Dominantly Via An EP2-Mediated Pathway In Nasal Polyps: Mitsuhiro Okano
- 2:38pm Abstract #1733—Nasopharyngeal Swab Cytology for Nasopharyngeal Carcinoma by Non-Otorhinolaryngologists: S Tiong
- 2:46pm Abstract #1671—Application of Genetic Association Studies to the Study of Chronic Rhinosinusitis: A New Era Dawns: Martin Desrosiers
- 3:00pm Abstract #1549—Rubber Tube Versus Silicone Tube at the Osteotomy Site in Dacryocystorhinostomy: Shawky Elmorsey
- 3:08pm Abstract #1564—Powered Endoscopic Dacryocystorhinostomy with Mucosal Flaps Without Stenting: Harvinder Singh
- 3:16pm Abstract #1711—Anastomosis of Nasal Mucosal & Lacrimal Sac Flaps: Key Role In Endoscopic Dacryocystorhinostomy: Chiara Bellini

2:00-3:00pm

## Patient Safety

Horizons Ballroom

Ara Chalian

2:30-3:30pm

## IRS/ISIAN PAPER SESSIONS

Salon 1

Moderators: Alan Shikani, Richard Harvey

- 2:30pm Abstract #1658—Rhinotopic Therapy for Refractory Chronic Rhinosinusitis Using the Vibrating Mesh Nebulizer: Alan Shikani
- 2:38pm Abstract #1714—Fluticasone Propionate Delivered With the Optinose Delivery Device Effectively Treats Chronic Rhinosinusitis: Per Djupesland
- 2:46pm Abstract #1724—Nasal Congestive and Inflammatory Response to Inhalation Challenge with Hexamethylene Diisocyanate (HDI): A Pilot Study: Roberto Castano
- 3:00pm Abstract #1742—The Effectiveness of Pulmicort Delivery With the Mucosal Atomisation Device in Treating Allergic Fungal Sinusitis: Bedy Lau
- 3:08pm Abstract #1750—Fluid Residuals and Drug Exposure in Nasal Irrigation: Richard Harvey
- 3:16pm Abstract #1871—The Effect Of Montelukast on Quality of Life in Patients with Nasal Polyposis Accompanying Asthma Bronchiale—Preliminary Results: Ibrahim Sayin

- 2:35–3:30pm **MINI SEMINAR: Chronic Sinusitis—A Complex Disease Coalescence of Surgical, Medical and Laboratory Information** (Einstein/NYU Rhinology Course)  
Logans 2  
Moderator: Joseph Jacobs  
Michael Chandler, Alexis Jackman, Richard Lebowitz, Amber Luong, Steven Schaefer, Michael Setzen
- 2:35–3:30pm **DEMONSTRATION DISSECTION: Skull Base Surgery—The Assisted, Bimanual “4-Hand” Technique**  
Liberty Ballroom AB  
Nick Jones, Daniel Simmen  
Discussants: Vijay Anand, Aldo Stamm
- 2:35–3:30pm **MINI SEMINAR: Pediatric Chronic Rhinosinusitis**  
Logans 1  
Chair: Rodney Lusk, Moderator: Sanjay Parikh  
Definition and Evaluation of Pediatric CRS: Fuad Baroody  
Judicious Medical Management of Pediatric CRS: Tania Sih  
Current Understanding of the Adenoids and Pediatric CRS: Hassan Ramadan  
Current Indications, Technology and Techniques for Pediatric FESS: Rodney Lusk  
Case Presentations: Sanjay Parikh
- 2:35–3:30pm **INSTRUCTIONAL COURSE: CT and MRI Interpretation**  
Liberty Ballroom D  
Laurie Loevner
- 3:30–4:00pm **BREAK: Refreshments in Exhibit Hall**  
Freedom/Independence Ballroom
- 4:00–5:30pm **MINI SEMINAR: Balloon Sinuplasty Indications**  
Salon 3/4  
Moderator: Peter Catalano  
Anthony Papavassiliou, Jeffrey Cutler, Howard Levine
- 4:00–5:30pm **MINI SEMINAR: Alternative and Complimentary Therapies**  
Seminar A  
Chair: Pontus Stierna, Moderator: Claus Bachert  
Homeopathic Therapy for Sinusitis: My 10 Year Experience: Marina Nersesyan  
Complementary Medicine in Rhinology: Myths, Truth & Risks: Monica Menon-Miyake  
Acute Rhinosinusitis: Phytotherapy vs. Glucocorticosteroids: Claus Bachert  
Host Defense: The Role of Phytotherapy: Pontus Stierna
- 4:00–5:30pm **MINI SEMINAR: Personal Philosophy in Rhinoplasty**  
Liberty Ballroom C  
Chair: Ian Mackay, Moderator: Stephen Goldstein  
Introductions: Ian Mackay, Stephen Goldstein  
From Basic to Advanced, My Approach: David Gatland  
Structural Grafts and the Test of Time: Roxana Cobo  
Repairing the Traumatized Nose: Stephen Goldstein  
Graft Selection in the Asian Rhinoplasty: Balwant Gendeh  
Asian Tipplasty: Tae-Young Jang  
Questions and Answers
- 4:00–5:30pm **MINI SEMINAR: Implants in Rhinology: Stents & Packing**  
Liberty Ballroom D  
Chair: Heinz Stammberger  
Moderator: David Kennedy  
Overview of Biomaterials in Rhinology: Richard Orlandi  
Pharmacodynamics & Tissue Mechanics in the Sinus Ostia: Edward Hepworth  
Biomaterial Composition and Mucosal Healing: Rakesh Chandra  
Nasal Packing after FESS: Is it Necessary?: Peter Hwang  
Change in Packing Techniques after FESS and Skull Base Surgery Over the Last Ten Years—The Graz Experience: Heinz Stammberger
- 4:00–5:30pm **MINI SEMINAR: Towards System Level Analysis of Allergic Nasal Epithelium**  
Salon 5/6  
Chair: Robert Naclerio, Moderator: Wytse Fokkens  
System Level Analysis from Cell to Human System: Wytse Fokkens  
Allergens Meet the Epithelium—A Systems Biology Approach: Risto Renkonen, Sanna Toppila-Salmi  
How Epithelial Cells Detect Danger: Cornelis van Drunen  
The Sinus Inflammatory Response—A Neural Reflex or a Systemic Allergic Inflammation: Robert Naclerio  
United Airways—The Role of Systemic Circulation: Peter Hellings  
Patient Selection and the Consequences for Study Designs: Fenna Ebbens
- 4:00–5:30pm **MINI SEMINAR: Obstructive Sleep Apnea**  
Salon 9  
Chair: Gil Vicente, Moderator: Metin Onerci  
Gil Vicente, Metin Onerci, Antonio Sousa Vieira, Andrew Goldberg
- 4:00–5:30pm **MINI SEMINAR: Combined Approaches to the Orbit “Challenging Cases and Favorite Techniques”**  
Salon 1  
Moderator: Edmund Pribitkin  
Panelists: Jurij Bilyk, Roberta Gausas, Ralph Metson, Edmund Pribitkin, Marc Rosen, Raymond Sacks  
Optic Nerve Decompression for Traumatic and Non-Traumatic Causes  
Primary and Revision Orbital Decompression for Thyrotoxic Exophthalmos  
Techniques to Approach the Orbital Apex  
Managing Mucocelles Eroding the Orbital Roof  
Technique Refinement in Orbital Trauma  
Sinonasal Tumors Invading the Orbit & Orbital Tumors Invading the Nose
- 4:00–5:30pm **INSTRUCTIONAL COURSE: Evolving Indications for FESS**  
Seminar D  
Moderator: Martin Desrosiers  
Selecting the Optimal Patient for Primary ESS: Wilma Anselmo-Lima  
When is Revision Surgery of Benefit?: Satish Govindaraj  
Thinking Outside the Box: Indication for ESS Beyond the Sinus: Donald Lanza  
Evolution of Endoscopic Frontal Sinus Surgery: Carlos Yanez



# Program • Friday, April 17, 2009

4:00–5:30pm **INSTRUCTIONAL COURSE: Endoscopic Sinus Surgery: Problems and Solutions** (Turkish Rhinologic Society)  
Salon 10  
Moderator: Kemal Deger  
Panelists: Nesil Keles, Halis Unlu, Levent Soylu, Semih Sutay

4:00–5:30pm **INSTRUCTIONAL COURSE: Topical Therapies**  
Logans 2  
Moderator: Richard Harvey  
Delivery Devices (Neti Pot, Squeeze Bottle),  
Low Volume Devices and Positioning: Richard Harvey  
Scientific (+/- Clinical) Effects of Saline: Christopher Brown  
Steroids and Anti-Inflammatory Treatments: Alexander Chiu  
Anti-Microbial Treatments—including Anti-Fungals and  
Anti-Bacterial Therapies: Larry Kalish  
Surfactants, Mucolytics and Other Novel Topical:  
Noam Cohen  
Vladimir Kozlov

4:00–5:00pm **INSTRUCTIONAL COURSE: Advances in the Management of Facial Pain and Empty Nose Syndrome**  
Seminar B  
Moderator: Nick Jones  
Nerve Blocks for Facial Pain: Jay Dutton  
An Update on Midfacial Segment Pain: Nick Jones  
Empty Nose Syndrome: Steven Houser

4:00–5:30pm **INSTRUCTIONAL COURSE: Aspirin-Exacerbated Respiratory Disease**  
Seminar C  
Moderator: Antoni Krzeski  
Introduction: Antoni Krzeski  
Aspirin-Exacerbated Respiratory Disease—  
Pathomechanism and Clinical Presentation: Iwona Gromek  
Testing for Aspirin Hypersensitivity: Anders Ehnhage  
Management of Aspirin-Sensitive Chronic Rhinosinusitis  
with Nasal Polyps: Antoni Krzeski  
Impact of Chronic Rhinosinusitis Management on the Course  
of Bronchial Asthma in Aspirin-Exacerbated Respiratory  
Disease: Iwona Gromek

4:00–5:30pm **INSTRUCTIONAL COURSE: Pediatric JNA**  
Logans 1  
Moderator: Sanjay R. Parikh  
Introduction: Sanjay R. Parikh  
Diagnosis and Staging with Current Classification Systems:  
Ken Kazahaya  
Current Indications & Techniques for Embolization:  
Anne Marie Cahill  
Contemporary Adjunct Navigation Technologies: Sanjay R. Parikh  
Current Endoscopic and Open Techniques for Pediatric JNA:  
Piero Nicolai  
Case Presentations and Discussion: Ken Kazahaya  
Audience Questions

5:00–5:30pm **MINI SEMINAR: Anesthetic Considerations in Endoscopic Sinus Surgery**  
Seminar B  
Jeffrey Mandel, Ashutosh Kacker

6:45–10:45am **GALA BANQUET**  
National Constitution Center  
(Tickets required; bus transportation provided)

