

Program • Thursday, April 16, 2009

- 7:00–8:00am **Continental Breakfast & Exhibits**
Freedom/Independence Ballroom
- 8:00–8:45am **PLENARY SESSION: Contemporary Overview of CRS**
Liberty Ballroom AB
Chair: David Kennedy, Keynote Speaker: Valerie Lund
- 8:50–10:00am **ROUND TABLE: Pathogenesis of CRS**
Liberty Ballroom AB
Chair: David Kennedy, Moderator: Valerie Lund
The Superantigen Story: Claus Bachert
Ciliary Dysfunction: Noam Cohen
The Role of Biofilms: James Palmer
The Role of Osteitis: David Kennedy
Allergic Fungal Sinusitis—Misnomer or Reality?: Heinz Stammberger
- 10:00–10:30am **BREAK: Refreshments in Exhibit Hall**
Freedom/Independence Ballroom
- 10:00–11:25am **GREAT DEBATE:**
Sinuplasty vs. MIST vs. FESS vs. Nasalization
Liberty Ballroom AB
Chair: Wytke Fokkens, Moderator: Alexander Chiu
Nasalization: Jean-Michel Klossek
FESS: Bradley Marple
MIST: Reuben Setliff
Hybrid: FESS/Balloon: Michael Setzen
Balloon Dilatation: Frederick Kuhn
- 10:30–12:30pm **MINI SEMINAR: Benign Tumors**
Liberty Ballroom D
Chair: Hiroshi Moriyami, Moderator: David Kennedy
Transnasal Endoscopic Medial Maxillectomy in Inverted Papilloma: Reda Kamel
Endonasal Approach for the Inverted Papilloma in the Maxillary Sinus Via Fontanelle and Inferior Meatus: Hiroshi Moriyami
Endoscopic Resection of JNA: Metin Önerci
Endoscopic Resection of JNA: De-Min Han
Endoscopic Resection of Meningiomas: Ricardo Carrau
Endoscopic TSA for the Management of Pituitary Adenoma: Hun-Jung Dhong
- 10:30–12:30pm **ARS MEETING PAPERS**
Liberty Ballroom C
Moderators: Neil Bhattacharyya, Andrew Lane
- 10:30am **Abstract #1640—Decreased Expression Of Connexin (Cx)26 and 43 In Allergic Nasal Epithelium:** Huabin Li
- 10:36am **Abstract #1628—Alterations In Complement Pathway Gene and Protein Expression In Chronic Rhinosinusitis:** Rodney Schlosser
- 10:42am **Abstract #1685—SPLUNC1 Expression of Nasal Polyp Epithelial Cells in Air-Liquid Interface Culture Treated with IL-13:** Te-Huei Yeh
- 10:48am **Discussion**
Moderators: Joseph Jacobs, Brent Senior
- 11:00am **Abstract #1647—The Effect of Topical Intranasal Budesonide Saline Irrigations on Serum and Urinary Cortisol Levels in Patients with Recurrent Polyposis Following Endoscopic Sinus Surgery:** Kevin Welch
- 11:06am **Abstract #1782—Development of a Chinchilla Model to Allow Direct, Continuous Imaging of Fluorescent Nontypeable Haemophilus Influenzae during Experimental Chronic Rhinosinusitis:** Subinoy Das
- 11:12am **Abstract #1569—The Comparative Disease Burden of Rhinosinusitis:** Neil Bhattacharyya
- 11:18am **Discussion**
Moderator: Stilianos Kountakis
- 11:30am **Expert's How I Do It: Endoscopic Trans-Sphenoidal Hypophysectomy:** Marvin Fried
- 11:40am **Discussion**
Moderators: Bradley Marple, Marvin Fried
- 11:45am **Abstract #1556—Chronic Fungal Sinusitis: Fungal Colonization of Paranasal Sinuses, Evaluation of ICAM-1 and IL-8 and Studying of Immunological Effect of Long-Term Low-Dose Macrolide Therapy:** Shawky Elmorsy
- 11:51am **Abstract #1642—Cigarette Smoke Extract Stimulates Interleukin-8 Production In Human Sinus Epithelium Via Reactive Oxygen Species:** Rodney Schlosser
- 11:57am **Abstract #1761—Secondhand Tobacco Smoke Exposure and Chronic Rhinosinusitis—A Case-Control Study:** Douglas Reh
- 12:03pm **Discussion**
Moderator: Rodney Schlosser
- 12:15pm **Expert's How I Do It: Endoscopic DCR:** Todd Kingdom
- 12:25pm **Discussion**
- 12:30–12:40pm **ARS BUSINESS MEETING**
Liberty Ballroom C
- 11:35–12:30pm **MINI SEMINAR: Experience is the Best Teacher: The Rhinoplasty Student Never Graduates**
Liberty Ballroom AB
Chair: Roxana Cobo, Moderator: M. Eugene Tardy, Jr.
Confusion, Then Clarity, at the Internal Nasal Valve: Minas Constantinides
The Lipsitt Technique Deprojects But Does Not Necessarily Counter-Rotate the Nasal Tip: Daniel Becker
Medial Osteotomies: When to Use or Abuse in Rhinoplasty: Ira Papel
Managing the Acute Nasolabial Angle: A Technique That Survives Gravity and Gives Additional Support: Roxana Cobo
Profile Planning: An Advance or a Waste of Time: Ian Mackay
Discussion
- 12:30–1:30pm **LUNCH: Boxed Lunches available in Lunchtime Symposium (Liberty Ballroom AB) and Exhibit Hall (Freedom/Independence Ballroom)**
- 12:30–1:30pm **LUNCHTIME SYMPOSIUM: Treatment of Respiratory Diseases with Phytopharmaceuticals**
Liberty Ballroom AB
Phytoneering—Research of Plant-based Medicines: From the Seed, to Cultivation, to clinical Efficacy: Michael A. Popp
Preclinical Development and Animal Trials in Herbal Treatment: Pontus Stierna
Clinical Experience of Treating Upper and Lower Airway Diseases with Phytopharmaceuticals: Narinder Duggal

- 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)
Soo Kim Abboud, Samuel Becker, Andrew Goldberg,
Alexis Jackman, James Kearney, David Kennedy,
Steven Pletcher, Michael Siegel, Heinz Stammberger,
Jacob Steiger, Erica Thaler, Sarah Wise, Bradford Woodworth
- 1:30–2:25pm **DEMONSTRATION DISSECTION:**
Complete Spenoethmoidectomy SPA Ligation
Liberty Ballroom AB
Heinz Stammberger
Discussants: Donald Lanza, Metin Onerci
- 1:30–2:25pm **MINI SEMINAR: Frontiers in Computer Aided Surgery**
Liberty Ballroom C
Chair: Stilianos Kountakis, Moderator: Marvin Fried
CAS: Which System for Me?: Thomas Tami
Intraoperative Imaging in Rhinologic Surgery: Martin Citardi
CAS and Simulation: Marvin Fried
- 1:30–2:25pm **MINI SEMINAR: Evidence Based Medicine in Rhinology**
Liberty Ballroom D
Chair: Yang-Gi Min, Moderator: Timothy Smith
Introduction to Evidence Based Medicine and Evidence
Based Sinus Surgery: Timothy Smith
Evidence Based Medical Therapy for Rhinosinusitis:
Wytske Fokkens
Fungal Rhinosinusitis? What is the Evidence?: Fenna Ebbens
The Evidence for Image Guidance in Rhinology:
Richard Orlandi
Questions to Panel
- 1:30–2:25pm **INSTRUCTIONAL COURSE: Endoscopic Orbital Surgery**
Logans 2
Chair: Reda Kamel, Moderator: Ranko Mladina
Endoscopic Endonasal Orbital Decompression: Valerie Lund
Novel Technical Aspects of the Endonasal
Endoscopic Orbital Decompression: Ranko Mladina
Endonasal Endoscopic Orbital Compression: N. Prepageran
Transnasal Endoscopic Surgery of the Sino-Orbital Lesions:
Reda Kamel
- 1:30–2:25pm **MINI SEMINAR: Relevance of Allergy for Rhinologists**
Logans 1
Chair: Richard Haydon, Moderator: Joseph Han
Prevalence of Allergy in Rhinology Practice: Joseph Han
Impact of Allergic Rhinitis on Sinusitis: Pete Batra
Asthma in Rhinology Practice?: Mark Zacharek
Management of Allergic Rhinitis: Alpen Patel
- 1:30–3:30pm **IRS/ISIAN PAPER SESSIONS**
Salon 1
Moderators: Rakesh Chandra, Kasper Aanaes
- 1:30pm **Abstract #1563—Prophylactic IV Antibiotics in FESS:
Trends and Attitudes of the ARS Membership:** Rakesh Chandra
- 1:38pm **Abstract #1583—Hemodynamic Effects of Topical Adrenaline
in Nasal Surgery:** Suja Sreedharan
- 1:46pm **Abstract #1611—Comparison of Laryngeal Mask With
Endotracheal Tube:** Ahmed Atef
- 2:00pm **Abstract #1653—Sinus Irrigation Bottles:
A Potential Source of Infection?:** Eun Hae Estelle Chang
- 2:08pm **Abstract #1727—Antibiotic Prophylaxis in Sinus Surgery: A
Review of Current Practices:** Anita Sethna
- 2:16pm **Abstract #1893—Coblation Assisted Endoscopic Sinus Surgery:**
Maurice Roth
- 2:30pm **Abstract #1894—New Focus-Old Disease: The Paranasal
Sinuses a Focus for Bacterial Lung Infections in Patients
with Cystic Fibrosis (CF):** Kasper Aanaes
- 2:38pm **Abstract #1745—Polysomnographic Evaluation of the Effect
of Propofol on Sleep for Both Healthy and OSAHS Patients:
Preliminary Results:** Fabiana Valera
- 2:46pm **Abstract #1892—Comparison of Prick, Intradermal Testing,
and Invitro Testing in Predicting Response to Nasal
Provocation with Ragweed Antigen:** Camysha Wright
- 3:00pm **Abstract #1898—Safety and Efficacy of Citric Acid/
Zwitterionic Surfactant (Novus) Cleansing Solution in a
Rabbit Model of Sinusitis:** Noam Cohen
- 1:30–3:30pm **IRS/ISIAN PAPER SESSIONS**
Salon 3/4
Moderators: Joao Nogueira, Vijay Ramakrishnan
- 1:30pm **Abstract #1601—Manuka Honey: The New Treatment for
Recalcitrant Chronic Sinus Disease:** Andrew Thamboo
- 1:38pm **Abstract #1612—Biofilms and Mucosal Healing in Postsurgical
Patients with Chronic Rhinosinusitis:** Zi Zhang
- 1:46pm **Abstract #1880—Biofilm-Forming Capability in Pseudomonas
Aeruginosa Increases Upregulation of the Pro-Inflammatory
Cytokine CXCL1/KC in Murine Nasal Epithelium:** Nicholas Smith
- 2:00pm **Abstract #1565—Guide-wire Augmented Endoscopic Frontal
Sinusotomy:** Hamed Sajjadi
- 2:08pm **Abstract #1619—Mucocoele & Osteoma of Frontal Sinus: The
Clinic & Histopathologic Analysis of Coexistence:** Mustafa Gerek
- 2:16pm **Abstract #1585—Construction and Effectiveness of
Endoscopic Sino-Nasal Surgery Model:** Joao Nogueira
- 2:38pm **Abstract #1623—Can CT Score Predict Success in Pediatric
Endoscopic Sinus Surgery?:** Hassan Arshad
- 2:46pm **Abstract #1665—Different endoscopic Surgergical Strategies
in the Treatment of Juvenile Nasopharygeal Angiofibroma—
Shanghai EENT 'Hospital' Experience:** DeHui Wang
- 3:00pm **Abstract #1732—A Role for Observation in the Treatment of
Isolated Diseases of the Pediatric Sphenoid Sinus and Clivus:**
Vijay Ramakrishnan
- 3:08pm **Abstract #1824—Septoplasty in Children by Endonasal
Approach: Results at Long-Term Follow-Up:** Ignazio Tasca
- 1:30–3:30pm **IRS/ISIAN PAPER SESSIONS**
Salon 5/6
Moderators: Marc Rosen, Mohsen Naraghi
- 1:30pm **Abstract #1788—Airway Management and Perioperative
Concerns Surrounding Endoscopic Surgery for Pituitary
Tumors in Acromegaly Patients:** Douglas Johnston
- 1:38pm **Abstract #1792—Technical Modifications of the Pedicled
Nasoseptal Flap for Endonasal Skull Base Reconstruction:**
Amol Bhatki
- 1:46pm **Abstract #1794—Lumbar Drain Utilization in Endoscopic
Skull Base Surgery:** Ameet Singh

- 2:00pm Abstract #1800—Endoscopic Repair of Expanded Endonasal Skull Base Defects Using a Stable Bilayer “Button” Closure: Marc Rosen
- 2:08pm Abstract #1805—Endoscopic Transsphenoidal Approach to Craniopharyngiomas: Adam Luginbuhl
- 2:16pm Abstract #1808—Limitations of the Pedicled Nasoseptal Flap for Endoscopic Reconstruction of Transsellar Skull Base Defects in Pediatric Patients: Rupali Shah
- 2:30pm Abstract #1673—Bone Removal during Transphenoidal Hypophysectomy Using an Ultrasonic Aspirator: Justin Antisdell
- 2:38pm Abstract #1720—Orbital Mass Lesions: Implications & Limitations of Endonasal Endoscopic Approach: Mohsen Naraghi
- 2:46pm Abstract #1760—Endoscopic Transmaxillary Approach to the Pterygopalatine Space: Hwa Jung Son
- 3:00pm Abstract #1819—Comparison of External Rhinoplasty Versus Endoscopic Approach to Transsphenoidal Sellar Mass Resection: Naveen Bhandarkar
- 3:08pm Abstract #1828—Endoscopic Modified Endonasal Denker Operation for Management of Tumor in Pterygopalatine and Infratemporal Fossae: DeHui Wang
- 3:16pm Abstract #1829—Endoscopic Removal of a Silent Middle Turbinate Angiofibroma: Ping-Hung Shen
- 1:30–3:30pm **IRS/ISIAN PAPER SESSIONS**
Salon 9
Moderators: Richard Harvey, Chester Griffiths
- 1:30pm Abstract #1728—Orbital Infection Associated with Sinusitis in the Adult Population: Mohannad Al-Qudah
- 1:38pm Abstract #1827—Endoscopic Dacryocystorhinostomy With Mucosal Flap vs Silicone Stent Necessary?: DeHui Wang
- 1:46pm Abstract #1840—Transnasal Endoscopic Image-Guided Orbital Apex Surgery: Chester Griffiths
- 2:00pm Abstract #1849—Sinonasal Orbital Lesions and Their Management: Hossam Elbasraty
- 2:08pm Abstract #1870—Orbital Complications of Rhinosinusitis: Ibrahim Sayin
- 2:16pm Abstract #1700—Sphenopalatine Artery Pseudoaneurysm After FESS: A Literature Review and Case Report: Raewyn Campbell
- 2:30pm Abstract #1777—Radiologic Evaluation of Anterior Ethmoid Artery Anatomy in the Non-Diseased Frontal Recess: Gamwell Rogers
- 2:38pm Abstract #1630—A Prospective Study Identifying Variations in Paranasal Sinus Anatomy and Complication Rates in Endoscopic Sinus Surgery: Kevin Welch
- 2:46pm Abstract #1709—Weighted Magnetic Resonance Imaging of Para-nasal Diseases: Adam French
- 3:00pm Abstract #1607—Computed Tomography Findings in Sinonasal Wegener’s Granulomatosis: Pete Batra
- 3:08pm Abstract #1866—Incidence of Middle Turbinate Pneumatization, Concha Bullosa, in Twisted Nose: Shahriar Nazari
- 3:16pm Abstract #1888—Endoscopic Removal of a Silent Middle Turbinate Angiofibroma: Erica Ortiz
- 1:30–3:30pm **IRS/ISIAN PAPER SESSIONS**
Salon 10
Moderators: Samer Fakhri, Ignazio Tasca
- 1:30pm Abstract #1572—Mastoid Bone as a New Graft Material in Rhinoplasty: Mahmoud Sadoughi
- 1:38pm Abstract #1683—Pulp Necrosis and Septorhinoplasty: Mehdi Bakhshaei
- 1:46pm Abstract #1697—Mastoid Bone as a New Graft Material in Rhinoplasty: Mahmoud Sadoughi
- 2:00pm Abstract #1822—Lateral Crus Pull-Up for the Collapse of External Nasal Valve: Rhinomanometric and Rhinometric Study: Ignazio Tasca
- 2:08pm Abstract #1823—Nasal Dorsum Cosmetic Contour by Cartilaginous Sandwich Graft Technique: Ignazio Tasca
- 2:16pm Abstract #1835—The Effect Of Postauricular Fascial Flap In Otoplasty: Yaser Khalil
- 2:30pm Abstract #1571—Changed Nasal Cavity and Paranasal Sinus Airflow Velocity and Distribution After Total Sinusotomy: A Computational Fluid Dynamics Study: Xu Geng
- 2:38pm Abstract #1580—Paranasal Sinus Disease and Airway Inflammation in Prednisone-Dependent Asthma: Bosco Lui
- 2:46pm Abstract #1678—Morphological Variation of Nasal Cavity Effect on Nasal Patency—CFD Simulation with a Turbulent Model: Wang De Yun
- 3:00pm Abstract #1682—The Validity of Peak Nasal Inspiratory Flow: Kornkiat Snidvongs
- 3:08pm Abstract #1696—Relationship Between Olfactory Acuity and Peak Expiratory Flow During Postoperative Follow-Up In Chronic Rhinosinusitis Associated With Asthma: Katsuhisa Ikeda
- 3:16pm Abstract #1878—Sensation of Nasal Patency Through Mucosal Heat Loss Rather Than Air Temperature: Kai Zhao
- 2:35–3:30pm **DEMONSTRATION DISSECTION: Extended Frontal**
Liberty Ballroom AB
David Kennedy
Discussants: Donald Lanza, Metin Onceri
- 2:35–4:00pm **MINI SEMINAR (ARS): Frontal Sinus—State of the Art (Southern States Rhinology Course)**
Liberty Ballroom C
Moderator: Stilianos Kountakis
Introduction and Basic Anatomy: Stilianos Kountakis
Endoscopic Frontal Sinusotomy Draft I-III: Michael Sillers
Above and Below: External Techniques: John DelGaudio
CSF Leaks: Rodney Schlosser
Tumors: Brent Senior
- 2:35–3:30pm **MINI SEMINAR:**
The Marriage of Function & Aesthetics in Rhinoplasty
Liberty Ballroom D
Chair: Ian Mackay, Moderator: Ira Papel
Introduction of Topic: Ian Mackay
Alar Strut Graft Applications: Minas Constantinides
Osteotomies in the Crooked Nose: Stephen Goldstein
I-Beam Intercrural Strut Grafts: Daniel Simmen
Anatomic Guidelines for Spreader Graft Applications: M. Eugene Tardy
The Alar/Rim Graft Combo Graft for Form/Function: Ira Papel
Questions/Discussion

- 2:35–3:30pm **MINI SEMINAR:**
Evidence Based Medicine for Immunotherapy
 Logans 1
 Chair: Richard Haydon, Moderator: Bradley Marple
 How Does Immunotherapy Work?: Luisa Bellussi
 Immunotherapy Indication and Duration?: Steven Houser
 Immunotherapy Outcome?: Matthew Ryan
 Novel Immunomodulation for Allergy: Jack Krouse
- 2:35–3:30pm **MINI SEMINAR: Mucosal Innate Immunity and CRS**
 Logans 2
 Chair: Claus Bachert, Moderator: Andrew Lane
 Introductory Remarks: Claus Bachert
 Overview of Sinonasal Innate Immunity: David Conley
 Innate Immune Dysregulation in CRS with Nasal Polyps: Andrew Lane
 Innate Immunity and Barrier Dysfunction in CRS Pathogenesis: Robert Schleimer
 Questions
 Closing Remarks: Therapeutic Implications: Claus Bachert
- 3:30–4:00pm **BREAK: Refreshments & Exhibits**
 Freedom/Independence Ballroom
- 4:00–5:00pm **MINI SEMINAR: Reflux Disease in the Upper Airway**
Live Nasoendoscopy (Olympus)
 Logans 2
 Chair: Michael Setzen, Moderator: John DelGaudio
 Introduction: Michael Setzen
 Support of a Connection: John DelGaudio
 Lack of Support for a Connection: Bradley Marple
 Closing Remarks: Michael Setzen
- 4:00–5:00pm **MINI SEMINAR: Computer Modeling in Rhinology**
 Logans 1
 Chair: Marvin Fried, Moderator: Martin Citardi
 Quantitative Endoscopy in Sinus and Endoscopic Skull Base Surgery: Masaru Ishii
 The Pattern and Physical Characteristics of Airflow in Healthy and Pathological Conditions—A Computational Fluid Dynamics Model: De Yun Wang
- 4:00–5:00pm **MINI SEMINAR: Management Strategies for Chronic Rhinitis**
 Salon 1
 Chair: Vladimir Kozlov Moderator: Jordon Josephson
 Chronic Rhinitis: Evaluation and Initial Management: Eugenia Vining
 Topical Therapy for Chronic Rhinitis: Fabiana Valera
 When Might FESS Be Recommended in CRS?: Christian Buchwald
- 4:00–5:00pm **MINI SEMINAR:**
Management of Failed Frontal Sinus Obliteration
 Seminar C
 Chair: Peter Hwang, Moderator: Winston Vaughn
 Introduction of Speakers: Peter Hwang
 Reasons for Frontal Sinus Surgery Failure/Anatomy: Brad Mechor
 Endoscopic Options: Winston Vaughn
 External and Combined Options: Amin Javier
 Audience Questions and Closing Remarks: Peter Hwang
- 4:00–5:00pm **MINI SEMINAR: Objective Evaluation of Nasal Function**
 Seminar B
 Chair: Richard Doty, Moderator: John Pallanch
 Introduction Remarks
 Role of the Nasal Airway in Sleep Disorders as Assessed by Acoustic Rhinometry: Jacqueline Corey
 Questions
 Common Methods of Measuring Olfactory Function: Richard Doty
 Questions
 Evaluation of Ciliary Function: Stacey Gray
 Questions
 Objective Evaluation of Nasal Breathing Function with Rhinomanometry: John Pallanch
 Questions
 Wrap-up
- 4:00–5:00pm **MINI SEMINAR:**
Management of Advanced Sinonasal Malignancy
 Salon 3/4
 Chair: Gregory Weinstein, Moderator: Jason Newman
 Introduction: Gregory Weinstein
 Management of Non-SCCa Malignancies: Devraj Basu
 Multimodality Therapy for Advanced Cranial Base Tumors: Jason Newman
 Robotic Cranial Base Surgery: Gregory Weinstein
 Peri-Operative and Post-Operative Conditions in Advanced Sinonasal Tumors: Kelly Malloy
 Questions/Comments
 Closing Comments: Gregory Weinstein
- 4:00–5:00pm **INSTRUCTIONAL COURSE:**
Advanced Imaging Techniques
 Salon 10
 Moderator: Vijay Rao
 Planning Surgery: Understanding Imaging of the Paranasal Sinuses: Salil Nair
 Imaging Pearls in Special Cases: S. James Zinreich
 Advanced Imaging in Revision FESS: S. James Zinreich
 Panel Discussion
- 4:00–5:00pm **INSTRUCTIONAL COURSE:**
Tips for Minimizing Complications in FESS
 Salon 5/6
 Moderator: Wilma Anselmo-Lima
 FESS: There Are Rules About How to Avoid Complications: Ranko Mladina
 How to Reduce Bleeding in Ethmoidectomy for Nasal Polyposis: Elie Serrano

FESS: Changes in Air Flow of the Nasal Cavity & Sinuses
after FESS: Geng Xu

Frontal Sinus Surgery: Which Procedure to Choose?:
James Palmer

4:00–5:00pm **INSTRUCTIONAL COURSE: Management of Rhinosinusitis in Pediatric Population**

Salon 9

Moderator: Lawrence Tom

Changes and Trends in Management: Ken Kazahaya

My Approach: Ralph Wetmore

Case Presentations*: Ken Kazahaya, Ralph Wetmore, Lawrence Tom

**The Audience is Encouraged to Bring Case Presentations for Discussion.*

4:00–5:00pm **INSTRUCTIONAL COURSE: The Nasal Dorsum**

Liberty Ballroom D

Moderator: Oren Friedman

Correction of Saddle Nose Deformities: Edmund Pribitkin

Final Touch of Excellence: Daniel Simmen

Managing Complications Related to the Augmented Dorsum:
Philip Miller

The Radix Area as Part of a Balanced Rhinoplasty:
David Gatland

The Management of the Broad Dorsum: Nick Jones

4:00–5:00pm **INSTRUCTIONAL COURSE: Management & Effects of Cocaine Abuse**

Seminar A

Moderator: Matteo Trimarchi

Introduction: Mario Bussi

Diagnosis: Matteo Trimarchi and Mario Bussi

Apoptosis: Matteo Trimarchi

Nasal Septal Repair: Fernando Pedroza

Conclusions: Mario Bussi

Discussion with Participants

4:00–5:00pm **INSTRUCTIONAL COURSE: Ethnic Rhinoplasty**

Liberty Ballroom C

Moderator: Ira Papel

Introduction to Ethnic Rhinoplasty Considerations: Ira Papel

Mestizo/South American Rhinoplasty: Roxana Cobo

Middle Eastern Rhinoplasty: Alireza Mesbahi

Alar Base in Ethnic Rhinoplasty: Minas Constantinides

Asian Rhinoplasty: Yong Ju Jang

Summary/Questions: Ira Papel

6:30–8:30pm **WELCOME RECEPTION**

Liberty Ballroom AB

