

PROGRAM BOOK



ARS 2012 Summer Sinus Symposium

July 13 – 14, 2012
Westin Michigan Avenue
Chicago, IL



Dear Colleagues,

Welcome to Chicago and the inaugural ARS Summer Sinus Symposium!

Our course directors Dr. Rakesh Chandra and Dr. Kevin Welch and our wonderful program committee have put together an exciting, highly educational program that brings together interested otolaryngologists in one forum. Over the course of this weekend you'll have the opportunity to discuss all aspects of rhinology and the impact these issues have on patient care.

For starters, just take a look at that list of distinguished faculty! These national leaders in rhinology will lead discussions of pertinent clinical issues that affect all otolaryngologists practicing rhinology. With this symposium we've created a forum for you to participate with other practicing otolaryngologists who perform rhinology and related medicine and expand your practices by learning from the experts in the fields of Rhinology, Sleep Apnea, Reflux, Rhinoplasty, Skull Base Surgery, Practice Management, and applications of new technologies, including balloon dilation.

On a personal note I want to recognize my good friend and colleague Dr. David W. Kennedy who will be our "Featured Guest of Honor." Also a special thanks to my two other good friends Jim Stankiewicz, who has agreed to demonstrate his surgical skills in a live cadaver demonstration from the podium, and Brent Senior who will deliver the Keynote Lecture "Management of Nasal and Sinus Disease: Past, Present and Future."

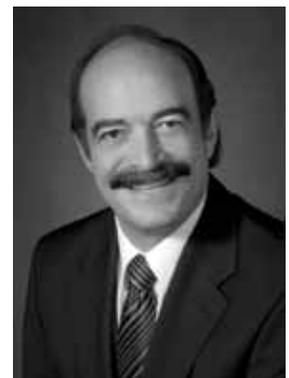
As a service to the ARS and the Otolaryngology community at large, much of the course content is relevant to rhinologic components of the MOC examinations. This is sponsored by the American Board of Otolaryngology, which manages the Maintenance of Certification program. For more details please visit www.aboto.org.

A special thank you goes to our Education Grant Supporters for their generous support, which has helped us realize the vision of producing a world class meeting experience. While you're here at the Symposium please be sure to visit the exhibit hall and thank them for supporting the ARS.

Please join us Friday night at Chicago's famous Museum of Contemporary Art. Included with your registration, this is an exclusive opportunity to mix and mingle amid modern works of art just steps from your hotel, the Westin Michigan Avenue. There you'll have an opportunity to interact with your peers, our exhibitors and sponsors and reconnect with old friends.

Thanks again for joining us here in Chicago. We envision a meeting that will both improve your daily practice and inspire you to expand your knowledge and expertise. We are confident our program will meet all of your expectations.

*Michael Setzen, MD, FACS, FAAP
President, American Rhinologic Society*



PROGRAM INFORMATION

Course Directors



Dr. Rakesh Chandra



Dr. Kevin C. Welch

Program Committee

Dr. Michael Setzen
Dr. Brent Senior
Dr. Todd Kingdom
Dr. Timothy Smith
Dr. Joseph Jacobs
Dr. Peter Hwang
Dr. James Palmer
Dr. Joseph Han
Dr. Raj Sindwani

Distinguished Faculty

Dr. Milan Amin
Dr. Robert Bastian
Dr. Pete Batra
Dr. Roy Casiano
Dr. Noam Cohen
Dr. John DelGaudio
Dr. David W. Kennedy
Dr. Robert Kern
Dr. Howard Levine
Dr. Rodney Lusk
Dr. Rodney Schlosser
Dr. Michael Sillers
Dr. James A. Stankiewicz
Dr. Dean Toriumi
Dr. J. Regan Thomas
Dr. Eugenia Vining
Karen Zupko

GENERAL INFORMATION

Maintenance of Certification (MOC)

The American Board of Otolaryngology actively sponsors and manages the Maintenance of Certification program, details of which can be found at www.aboto.org. As a service to both the American Rhinologic Society and the Otolaryngology community at large, the ARS Summer Symposium will offer education regarding the MOC process, and much of the course content will be relevant to rhinologic components of the MOC examinations.

Accreditation Statement

The American Rhinologic Society (ARS) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation Statement

ARS designates this live activity for a maximum of 6.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Registration

Thursday, July 12: 4:00 – 7:00 pm

Friday, July 13: 6:45 am – 5:30 pm

Saturday, July 14: 7:30 am – 5:30 pm

Note: Registration will be located at the Westin Michigan Avenue, second floor adjacent to the Great Lakes Grand Ballroom. Badges must be worn to enter meeting rooms.

Exhibit Hall

Friday, July 13: 6:45 am – 3:30 pm

Saturday, July 14: 7:30 am – 3:30 pm

Note: Badges must be worn to enter exhibit hall. Children under the age of 16 are not permitted in the exhibit hall.

Buffet lunches will be held in the exhibit hall on Friday and Saturday. We encourage networking with our valuable Exhibitors and learning about new technologies in our field.

Friday Night Event

Cocktail Reception at the Museum of Contemporary Art

Friday, July 13

6:30 pm

Included with registration

Guest tickets are available at the Registration Desk for \$125 per ticket.

Just steps from the Magnificent Mile, Chicago's historic Water Tower and the Westin Hotel, the Museum of Contemporary Art will be the venue for our Friday evening reception. As you stroll through the galleries, you'll enjoy panoramic views of the Chicago skyline and Lake Michigan. Dine on world renowned cuisine as you view the works of today's most important contemporary artists. We are excited about your participation in the ARS 2012 Summer Sinus Symposium and look forward to seeing you at one of Chicago's premier museums —The Museum of Contemporary Art!



*Tuesdays on the Terrace,
Museum of Contemporary Art, Chicago, July 20, 2010
Photography © Museum of Contemporary Art, Chicago
Photographer: Braxton Black*

Speaker Ready Room

The speaker ready room is located in Huron C and is available at the following times:

Thursday, July 12: 4:00 – 7:00 pm

Friday, July 13: 6:45 am – 6:00 pm

Saturday, July 14: 7:00 am – 2:00 pm

Announcements

Attendees may post announcements regarding employment opportunities, professional or scientific meetings and personal messages to other conference delegates on the message board and table found in the Registration area.

Cell Phones

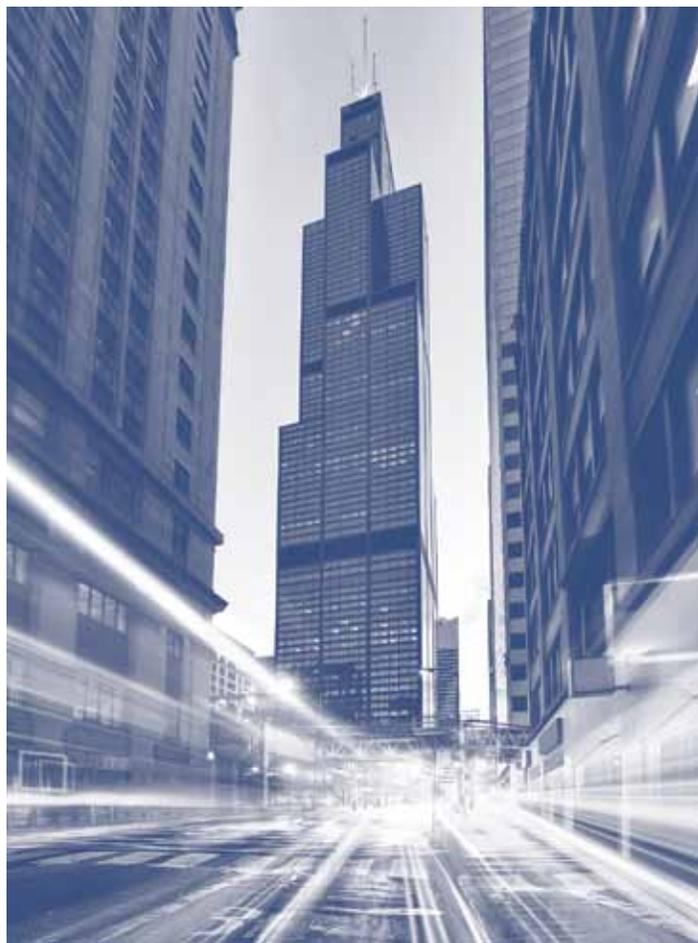
As a courtesy to your colleagues please silence cell phones while in the scientific sessions.

Dress Code

Business casual attire is suggested.



*First Fridays
Museum of Contemporary Art, Chicago, February 3, 2012
Photography © Museum of Contemporary Art, Chicago
Photographer: Matt Austin*



Conference Management

Association Management Services
c/o American College of Surgeons
633 N. St. Clair Street
Chicago, IL 60611-3211

Representatives from ACS will be present at the conference and will be wearing recognizable identification. Please feel free to approach them at any time with questions, comments, concerns, or if you require additional assistance of any kind.

Disclaimer

Attendees voluntarily assume all risks involved in travel to and from the symposium and in attendance of and participation in the program. The ARS and ACS Association Management Services shall not be liable for any loss, injury, or damage to person or property resulting directly or indirectly from any acts of God, acts of government or other authorities, civil disturbances, acts of terrorism, riots, thefts, or from any other similar causes.

PROGRAM AT-A-GLANCE

Friday, July 13			
ROOM: Great Lakes East			
Time	Session	Moderator	Panelists
6:45 – 7:15 AM	Registration & Breakfast with Exhibitors in Great Lakes West		
7:15 – 7:20 AM	Opening of the Meeting	Dr. Michael Setzen	
7:20 – 7:40 AM	Keynote: Management of Nasal & Sinus Disease: Past, Present & Future	Dr. Brent Senior	
7:40 – 8:50 AM	Difficult Situations: What Do the Experts Do?	Dr. Tim Smith	Drs. Rakesh Chandra, Jim Hadley, Michael Stewart, Scott Stringer and Kevin Welch
8:50 – 9:50 AM	Demystifying the Frontal Sinus	Dr. Joseph Jacobs	Drs. Roy Casiano, Michael Chandler, Marvin Fried, Joseph Han and Amber Luong
9:50 – 10:20 AM	Break with Exhibitors in Great Lakes West		
10:20 – 10:50 AM	Prosection I	Dr. David Kennedy	
10:50 – 11:30 AM	Sinus Headaches & Facial Pain	Dr. Mark Mehle	Drs. Peter Catalano, John DelGaudio, Jack Rozentel and Allen Seiden
11:30 AM – 12:30 PM	Lunch with Exhibitors in Great Lakes West		
12:30 – 1:00 PM	Prosection II	Dr. James Stankiewicz	
1:00 – 2:00 PM	Post Nasal Drip: Rhinologic Disease or Reflux?	Dr. Marvin Fried	Drs. Milan Amin, Robert Bastian, John DelGaudio and Alexis Jackman
2:00 – 3:00 PM	Sleep Disordered Breathing for the Rhinologist	Dr. Andy Goldberg	Drs. John Houck, Eric Kezirian, Brian Rotenberg and Tucker Woodson
3:00 – 3:30 PM	Break with Exhibitors in Great Lakes West		
3:30 – 4:30 PM	Advances in Application of Balloon Dilation Technology	Dr. Michael Sillers	Drs. Vijay Anand, Peter Catalano, Robert Kern, Howard Levine and James Stankiewicz
4:30 – 5:45 PM	Technology Tools in Y2K+12	Dr. Raj Sindwani	Drs. Pete Batra, David Brodner, Joseph Han, Ashutosh Kacker, Andy Murr and Brad Woodworth
6:30 – 9:30 PM	Cocktail Reception at Museum of Contemporary Art (MCA)		

PROGRAM AT-A-GLANCE

Saturday, July 14

Breakout A

Room: Ontario

Time	Session	Moderator	Panelists
7:30 AM	Registration & Breakfast with Exhibitors in Great Lakes West		
7:50 – 9:30 AM	Incorporating Allergy Management into Your Otolaryngology Practice	Dr. Stephanie Joe	Drs. Michael Chandler, Jacky Corey, BJ Ferguson, Amber Luong, Spencer Payne, Elina Toskala, Zara Patel, Peter Manes
9:30 – 10:00 AM	Break with Exhibitors in Great Lakes West		
10:00 – 11:00 AM	The Efficient Practice: Billing, Coding & Practice Management	Dr. Pete Batra	Drs. Jivianne Lee, Michael Setzen, James Stankiewicz, Kathy Yaremchuk and Karen Zupko
11:00 AM – 12:00 PM	Pediatric Rhinosinusitis	Dr. Hassan Ramadan	Drs. Sanford Archer, Charles Ebert, Mark Gerber, Rodney Lusk
12:00 – 1:00 PM	Lunch with Exhibitors in Great Lakes West		
1:00 – 3:00 PM	Rhinoplasty for the Rhinologist: Functional & Cosmetic	Dr. Jay Dutton	Drs. Stephanie Joe, Michael Setzen, Doug Sidle, J. Regan Thomas, Dean Toriumi
3:00 – 3:30 PM	Break with Exhibitors in Great Lakes West		
3:30 – 4:30 PM	(Joint Session in Great Lakes East) Panel: Revision Surgical Cases	Dr. David Kennedy	Drs. Brent Senior, Michael Setzen, Michael Sillers, James Stankiewicz
4:30 – 5:30 PM	(Joint Session in Great Lakes East) Submit Your Case	Dr. Peter Hwang	Drs. Roy Casiano, Rakesh Chandra, James Palmer, Rodney Schlosser
5:30 PM	(Joint Session in Great Lakes East) Closing Remarks/Adjournment	Dr. Michael Setzen	

PROGRAM AT-A-GLANCE

Saturday, July 14

Breakout B

Room: Great Lakes East

Time	Session	Moderator	Panelists
7:30 AM	Registration & Breakfast with Exhibitors in Great Lakes West		
7:50 – 8:30 AM	Advanced Anatomy for the Orbit and Skull Base	Dr. Vijay Ramakrishnan Dr. Ameet Singh	
8:30 – 9:30 AM	Broaden Your Practice to Manage Orbital Disease	Dr. Todd Kingdom	Drs. Christopher Bergeron, Vijay Ramakrishnan, Iman Naseri
9:30 – 10:00 AM	Break with Exhibitors in Great Lakes West		
10:00 AM – 10:20 PM	Expanding into Skull Base Surgery: Principles & Practice	Dr. James Palmer Dr. Brent Senior	
10:20 AM – 12:00 PM	Management of Benign Skull Base Lesions	Dr. Brent Senior	Drs. Vijay Anand, Joseph Han, Peter Hwang, Doug Reh, Abtin Tabae, Kevin Welch
12:00 – 1:00 PM	Lunch with Exhibitors in Great Lakes West		
1:00 – 2:30 PM	Management of Complex and Malignant Skull Base Lesions	Dr. James Palmer	Drs. Pete Batra, Roy Casiano, John Lee
2:30 – 3:00 PM	Panel: Skull Base Case Presentations	Dr. Rodney Schlosser	Drs. Scott Graham, Ashutosh Kacker
3:00 – 3:30 PM	Break with Exhibitors in Great Lakes West		
3:30 – 4:30 PM	(Joint Session in Great Lakes East) Panel: Revision Surgical Cases	Dr. David Kennedy	Drs. Brent Senior, Michael Setzen, Michael Sillers, James Stankiewicz
4:30 – 5:30 PM	(Joint Session in Great Lakes East) Submit Your Case	Dr. Peter Hwang	Drs. Roy Casiano, Rakesh Chandra, James Palmer, Rodney Schlosser
5:30 PM	(Joint Session in Great Lakes East) Closing Remarks/Adjournment	Dr. Michael Setzen	

PROGRAM AT-A-GLANCE

Saturday, July 14

Breakout C

Room: Huron AB

Time	Session	Moderator	Panelists
7:30 AM	Registration & Breakfast with Exhibitors in Great Lakes West		
7:50 – 8:10 AM	The ABO to MOC Process: Implications for Rhinologists	Dr. Joseph Han Dr. Michael Stewart	
8:10 – 9:30 AM	Anatomic Perspectives 2012	Dr. Amin Javer	Drs. Naveen Bhandarkar, Stacey Gray, Devyani Lal, Jayakar Nayak, Zach Soler, Troy Woodard
9:30 – 10:00 AM	Break with Exhibitors in Great Lakes West		
10:00 – 10:50 AM	Advances in Biomedical Therapies	Dr. Karen Fong	Drs. Jastin Antisdell, Ben Bleier, David Poetker, Joseph Raviv, Giri Venkatramen
10:50 AM – 12:00 PM	Basic Science Update	Dr. Noam Cohen	Drs. Andy Goldberg, Eric Holbrook, Andy Lane, Murray Ramanathan, Bruce Tan, Sara Wise
12:00 – 1:00 PM	Lunch with Exhibitors in Great Lakes West		
1:00 – 2:00 PM	Salvaging the Condemned Sinus	Dr. Robert Kern	Drs. Nithin Adappa, Ayesha Khalid, Thomas Pasic, Kristen Sieberling, Kevin Welch
2:00 – 3:00 PM	In-Office Procedures: Refining Your Technique	Dr. Eugenia Vining	Drs. Seth Brown, Dave Conley, Marc Dubin, Christopher Larsen, Peter Manes
3:00 – 3:30 PM	Break with Exhibitors in Great Lakes West		
3:30 – 4:30 PM	(Joint Session in Great Lakes East) Panel: Revision Surgical Cases	Dr. David Kennedy	Drs. Brent Senior, Michael Setzen, Michael Sillers, James Stankiewicz
4:30 – 5:30 PM	(Joint Session in Great Lakes East) Submit Your Case	Dr. Peter Hwang	Drs. Roy Casiano, Rakesh Chandra, James Palmer, Rodney Schlosser
5:30 PM	(Joint Session in Great Lakes East) Closing Remarks/Adjournment	Dr. Michael Setzen	

SESSION DESCRIPTIONS

Friday, July 13

All sessions are in Great Lakes East

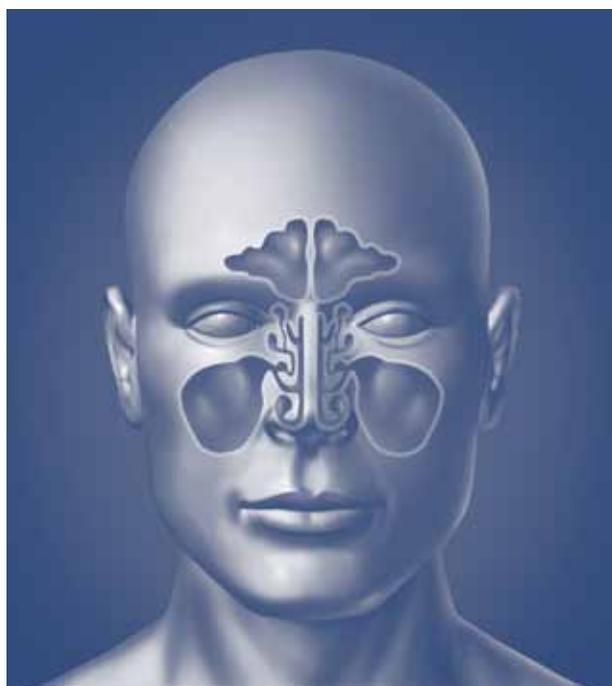
6:45 – 7:15 AM Registration & Breakfast With Exhibitors

Time: 7:15 – 7:20 AM
Title: **Opening of the Meeting**
Moderator: Dr. Michael Setzen

Time: 7:20 – 7:40 AM
Title: **Keynote: Management of Nasal & Sinus Disease: Past, Present & Future**
Moderator: Dr. Brent Senior
Objective #1: Review the past history of rhinology
Objective #2: Review the current state of rhinology
Objective #3: Provide of glimpse of where the future of rhinology is heading

Time: 7:40 – 8:50 AM
Title: **Difficult Situations: What Do the Experts Do?**
Moderator: Dr. Tim Smith
Panelists: Drs. Rakesh Chandra, Jim Hadley, Michael Stewart, Scott Stringer and Kevin Welch
Objective #1: Understand best practice management of intraoperative bleeding
Objective #2: Evaluate utility of image guidance
Objective #3: Discuss the definition of maximum medical management

Time: 8:50 – 9:50 AM
Title: **Demystifying the Frontal Sinus**
Moderator: Dr. Joseph Jacobs
Panelists: Drs. Roy Casiano, Michael Chandler, Marvin Fried, Joseph Han and Amber Luong
Objective #1: To understand the anatomy of the frontal recess and frontal sinus
Objective #2: To discuss the tools and techniques utilized to access the frontal sinus
Objective #3: To discuss the postoperative and long-term management of the frontal sinus



9:50 – 10:20 AM Break With Exhibitors

Time: 10:20 – 10:50 AM

Title: Prosection I
Moderator: Dr. David Kennedy
Objective #1: To understand the basic and advanced concepts of endoscopic sinus surgery
Objective #2: To learn to integrate image guidance during endoscopic sinus surgery
Objective #3: To remind the observer how to avoid complications during surgery



Featuring Dr. David Kennedy

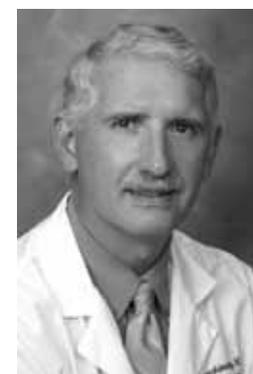
Time: 10:50 – 11:30 AM

Title: Sinus Headaches & Facial Pain
Moderator: Dr. Mark Mehle
Panelists: Drs. Peter Catalano, John DelGaudio, Jack Rozental and Allen Seiden
Objective #1: To discuss the differential diagnosis of a patient complaining of “sinus headache”
Objective #2: To discuss the medical management of sinus headache patients
Objective #3: To discuss the surgical management of sinus headache patients, focusing on controversies and expert opinion

11:30 AM – 12:30 PM Lunch With Exhibitors

Time: 12:30 – 1:00 PM

Title: Prosection II
Moderator: Dr. James Stankiewicz
Objective #1: To look at various ways to achieve safe endoscopic sinus surgery
Objective #2: To discuss surgical options in endoscopic sinus surgery
Objective #3: To remind the observer how to avoid complications during surgery



Featuring Dr. James Stankiewicz

Time: 1:00 – 2:00 PM

Title: Post Nasal Drip: Rhinologic Disease or Reflux?
Moderator: Dr. Marvin Fried
Panelists: Drs. Milan Amin, Robert Bastian, John DelGaudio and Alexis Jackman
Objective #1: The participant should understand the presenting symptoms of patients with post nasal drainage (PND) and the contributing factors of laryngopharyngeal reflux (LPR).
Objective #2: The participant will learn the role of diagnostic testing in the care of patients with PND and LPR.
Objective #3: The participant should know the initial management of PND when LPR is also a consideration.

Time: 2:00 – 3:00 PM

Title: Sleep Disordered Breathing for the Rhinologist
Moderator: Dr. Andy Goldberg
Panelists: Drs. John Houck, Eric Kezirian, Brian Rotenberg and Tucker Woodson
Objective #1: Upon completion of this program participants should be able to describe the role of the nose in sleep disordered breathing.
Objective #2: Upon completion of this program participants should be able to understand and discuss the influence of nasal procedures on sleep disordered breathing.
Objective #3: Upon completion of this program participants should be able to describe rhinologic issues that impact CPAP compliance.

3:00 – 3:30 PM Break With Exhibitors

Time: 3:30 – 4:30 PM

Title: Advances in Application of Balloon Dilation Technology

NO CME CREDIT

Moderator: Dr. Michael Sillers

Panelists: Drs. Vijay Anand, Peter Catalano, Robert Kern, Howard Levine and James Stankiewicz

Objective #1: At the end of this presentation, participants should be able to describe techniques of balloon catheterization in endoscopic sinus surgery.

Objective #2: Upon completion of this program, participants should be able to understand the benefits and limitations of balloon catheters in endoscopic sinus surgery.

Objective #3: At the end of this presentation, participants should be able to understand the appropriate coding and documentation necessary when performing balloon catheterization.

Time: 4:30 – 5:45 PM

Title: Technology Tools in Y2K+12

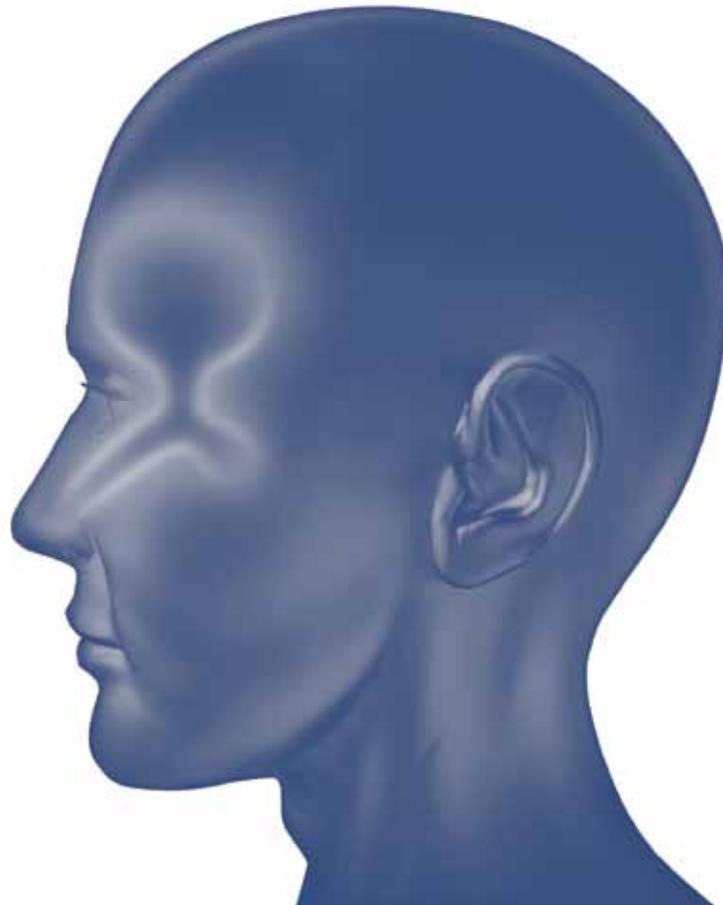
Moderator: Dr. Raj Sindwani

Panelists: Drs. Pete Batra, David Brodner, Joseph Han, Ashutosh Kacker, Andy Murr and Brad Woodworth

Objective #1: To understand the role technology has played in the evolution of endoscopic sinus surgery

Objective #2: To introduce to the audience new tools and technologies that can be utilized during conventional and extended endoscopic sinus surgery

Objective #3: To understand the limitations of new technologies



SESSION DESCRIPTIONS

Saturday, July 14

Note: There are three concurrent breakout sessions: Breakout A, Breakout B and Breakout C. The sessions are listed by start time.

7:30 – 7:50 AM Registration & Breakfast With Exhibitors

Breakout

A

Time: 7:50 – 9:30 AM

Room: Ontario

Title: Incorporating Allergy Management into Your Otolaryngology Practice

Moderator: Dr. Stephanie Joe

Panelists: Drs. Michael Chandler, Jacky Corey, BJ Ferguson, Amber Luong, Spencer Payne, Elina Toskala, Zara Patel, Peter Manes

Objective #1: To understand the basic concepts of the allergic response and underlying basic science of immunology as it relates to sinonasal disease

Objective #2: By the end of this presentation, participants should be able to understand what is necessary to establish the components of an allergy practice

Objective #3: To provide examples of how and when incorporating allergy into ones practice may be beneficial to overall patient care

Breakout

B

Time: 7:50 – 8:30 AM

Room: Great Lakes East

Title: Advanced Anatomy for the Orbit and Skull Base

Speakers: Dr. Vijay Ramakrishnan and Dr. Ameet Singh

Objective #1: By the end of this lecture, participants should be familiar with the anatomy of the orbit.

Objective #2: By the end of this lecture, participants should be familiar with the anatomy of the anterior skull base.

Objective #3: By the end of this lecture, participants should be familiar with how the orbit and skull base play a role for the otolaryngologist performing endoscopic sinus surgery.

Breakout

C

Time: 7:50 – 8:10 AM

Room: Huron AB

Title: The ABO to MOC Process: Implications for Rhinologists

Speakers: Dr. Joseph Han and Dr. Michael Stewart

Objective #1: Understand the general overview of the Maintenance of Certification (MOC)

Objective #2: Recognize the requirements for the 4 portions of the MOC

Breakout

C

Time: 8:10 – 9:30 AM

Room: Huron AB

Title: Anatomic Perspectives 2012

Moderator: Dr. Amin Javer

Panelists: Drs. Naveen Bhandarkar, Stacey Gray, Devyani Lal, Jayakur Nayak, Zach Soler, Troy Woodard

Objective #1: Review the endoscopic anatomy of the paranasal sinuses and skull base for the sinus surgeon

Objective #2: Learn the relevant radiological anatomy and correlate with the anatomical landmarks

Objective #3: Learn the important anatomical landmarks in revision FESS and learn how to optimize the use of stereotactic navigation in such cases

Breakout**B****Time: 8:30 – 9:30 AM****Room: Great Lakes East****Title: Broaden Your Practice to Manage Orbital Disease**

Moderator: Dr. Todd Kingdom

Panelists: Drs. Christopher Bergeron, Iman Naseri, Vijay Ramakrishman

Objective #1: Conceptualize anatomy of the orbit and surrounding structures from an endoscopic perspective

Objective #2: Expand upon techniques of FESS to perform orbital decompression

Objective #3: Expand upon techniques of FESS to perform dacrocystorhinostomy

9:30 – 10:00 AM Break With Exhibitors**Breakout****A****Time: 10:00 – 11:00 AM****Room: Ontario****Title: The Efficient Practice: Billing, Coding & Practice Management**

Moderator: Dr. Pete Batra

Panelists: Drs. Jivianne Lee, Michael Setzen, James Stankiewicz, Kathy Yaremchuk and Karen Zupko

Objective #1: Discuss strategies for compliant, efficient, and effective coding of sinonasal procedures

Objective #2: Optimize logistical aspects of managing a practice that focuses upon management of sinonasal disease

Objective #3: Discuss recent and pending changes in CPT and ICD coding systems

**Featuring
Karen Zupko****Breakout****B****Time: 10:00 – 10:20 AM****Room: Great Lakes East****Title: Expanding into Skull Base Surgery: Principles & Practice**

Speakers: Dr. James Palmer and Dr. Brent Senior

Objective #1: Conceptualize anatomy of the ventral skull base as viewed from an endoscopic approach and perspective

Objective #2: Optimize patient selection and select the proper approach for skull base pathologies

Objective #3: Understand technical advances that broaden FESS techniques for application to skull base surgery

Breakout**C****Time: 10:00 – 10:50 AM****Room: Huron AB****Title: Advances in Biomedical Therapies**

Moderator: Dr. Karen Fong

Panelists: Drs. Justin Antisdell, Ben Bleier, David Poetker, Joseph Raviv, Giri Venkatraman

Objective #1: Discuss novel therapeutic medical approaches for recalcitrant inflammatory disease

Objective #2: Discuss advantages and shortcomings of topical therapies, including compounded medications

Objective #3: Discuss risks and benefits of oral versus topical steroids

Breakout
B

Time: 10:20 AM – 12:00 PM

Room: Great Lakes East

Title: Management of Benign Skull Base Lesions

Moderator: Dr. Brent Senior

Panelists: Drs. Vijay Anand, Joseph Han, Peter Hwang, Doug Reh, Abtin Tabae, Kevin Welch

Objective #1: Develop and apply diagnostic algorithms to distinguish benign tumors from nonneoplastic sinonasal disease

Objective #2: Select and apply endoscopic and minimally invasive technique to manage tumors such as inverting papilloma

Objective #3: Select and apply endoscopic and minimally invasive technique to manage pituitary neoplasms

Breakout
C

Time: 10:50 AM – 12:00 PM

Room: Huron AB

Title: Basic Science Update

Moderator: Dr. Noam Cohen

Panelists: Drs. Andy Goldberg, Eric Holbrook, Any Lane, Murray Ramanathan, Bruce Tan, Sara Wise

Objective #1: Discuss key active areas of investigation regarding pathophysiology of sinonasal disease

Objective #2: Describe how these pathophysiologies may manifest from a clinical perspective

Objective #3: Identify areas that may hold promise for future therapeutic intervention

Breakout
A

Time: 11:00 AM – 12:00 PM

Room: Ontario

Title: Pediatric Rhinosinusitis

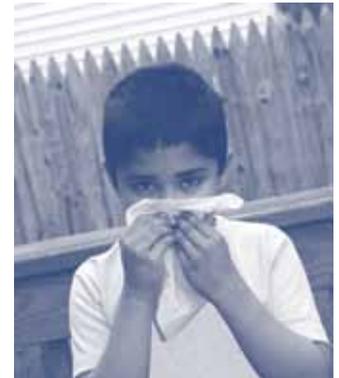
Moderator: Dr. Hassan Ramadan

Panelists: Drs. Sanford Archer, Charles Ebert, Mark Gerber, Rodney Lusk

Objective #1: Discuss and apply proper algorithms to diagnose and workup CRS in children

Objective #2: Identify children who are possible candidates for surgical intervention

Objective #3: Select the appropriate surgical procedure to perform in children who are surgical candidates



12:00 – 1:00 PM Lunch With Exhibitors

Breakout
A

Time: 1:00 – 3:00 PM

Room: Ontario

Title: Rhinoplasty for the Rhinologist: Functional & Cosmetic

Moderator: Dr. Jay Dutton

Panelists: Drs. Stephanie Joe, Michael Setzen, Doug Sidle, J. Regan Thomas, Dean Toriumi

Objective #1: Balance management of the nasal airway with aesthetic considerations

Objective #2: Elucidate pearls for successful simultaneous rhinoplasty and FESS

Objective #3: Discuss technical and technological advances in rhinoplastic surgery

Breakout**B**

Time: 1:00 – 2:30 PM
Room: Great Lakes East
Title: Management of Complex and Malignant Skull Base Lesions
Moderator: Dr. James Palmer
Panelists: Drs. Pete Batra, Roy Casiano, John Lee
Objective #1: Understand some of the limitations of endoscopic skull base surgery
Objective #2: Delineate strategies to close deficits after skull base tumor removal
Objective #3: Describe avenues and approaches to access skull base lesions through keyhole approaches

Breakout**C**

Time: 1:00 – 2:00 PM
Room: Huron AB
Title: Salvaging the Condemned Sinus
Moderator: Dr. Robert Kern
Panelists: Drs. Nithin Adappa, Ayesha Khalid, John Lee, Thomas Pasic, Matt Ryan, Kristen Sieberling
Objective #1: Identify situations when revision FESS is, and is not, indicated
Objective #2: Discuss scenarios when drills may be useful to salvage prior FESS failures
Objective #3: Describe strategies for long-term medical management in difficult to control inflammatory disease

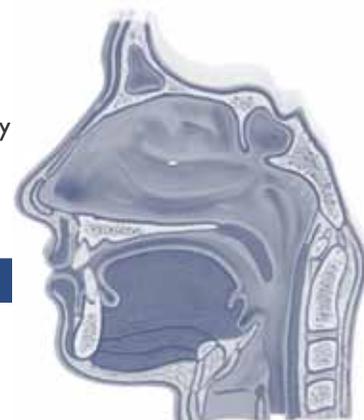
Breakout**C**

Time: 2:00 – 3:00 PM
Room: Huron AB
Title: In-Office Procedures: Refining Your Technique
Moderator: Dr. Eugenia Vining
Panelists: Drs. Seth Brown, Dave Conley, Marc Dubin, Chris Larsen, Peter Manes
Objective #1: Discuss patient selection for in office procedures
Objective #2: Elucidate technical pearls for procedures including balloon sinuplasty, coblation, polypectomy, and steroid injection when performed in the office setting
Objective #3: Discuss room setup and equipment needs when incorporating these procedures into your office practice

Breakout**B**

Time: 2:30 – 3:00 PM
Room: Great Lakes East
Title: Skull Base Case Presentations
Moderator: Dr. Rodney Schlosser
Panelists: Drs. Scott Graham, Ashutosh Kacker
Objective #1: To understand differential diagnosis for skull base pathology
Objective #2: To understand various surgical interventions for skull base pathology
Objective #3: To understand potential complications for skull base pathology

3:00 – 3:30 PM Break With Exhibitors



Joint Session

The Joint Session is in Great Lakes East

Time: 3:30 – 4:30 PM

Title: **Revision Surgical Cases**

Moderator: Dr. David Kennedy

Panelists: Drs. Brent Senior, Michael Setzen, Michael Sillers, James Stankiewicz

Objective #1: To improve understanding of when revision surgery is required

Objective #2: To increase knowledge about surgical techniques in revision surgical cases

Objective #3: To more clearly define the extent of surgery and the postoperative care in revision cases

Time: 4:30 – 5:30 PM

Title: **Submit Your Case**

Moderator: Dr. Peter Hwang

Panelists: Drs. Roy Casiano, Rakesh Chandra, James Palmer, Rodney Schlosser

Objective #1: Case potpourri with panel commentary to discuss nuances of unique and difficult cases

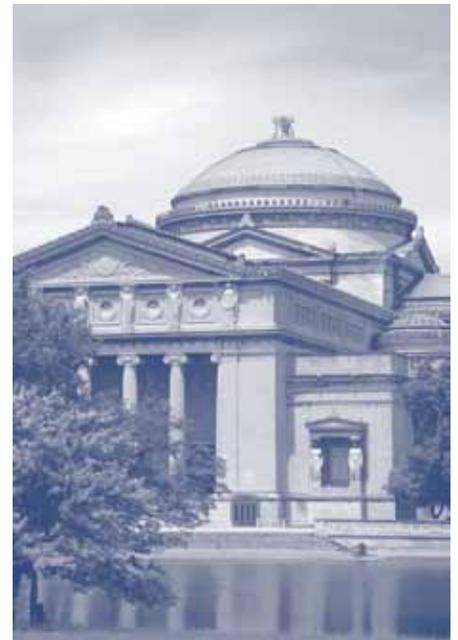
Objective #2: Appreciate the diversity of opinions and management strategies in these situations

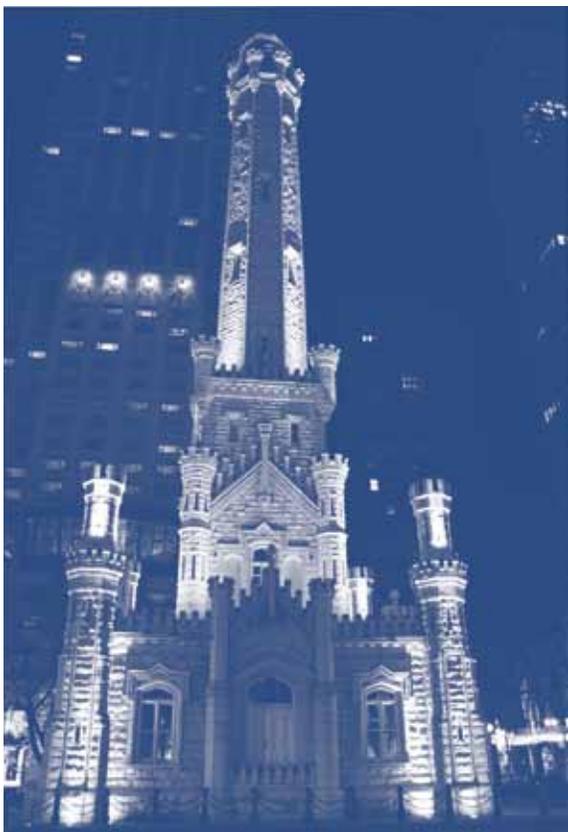
Objective #3: Recognize potential pitfalls in the diagnosis and management of sinonasal disease

Time: 5:30 PM

Title: **Closing Remarks/Adjournment**

Moderator: Dr. Michael Setzen





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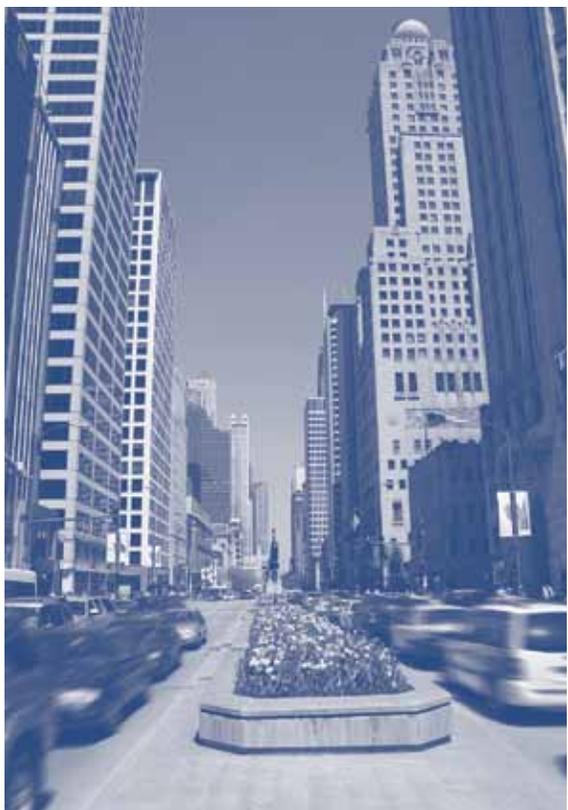


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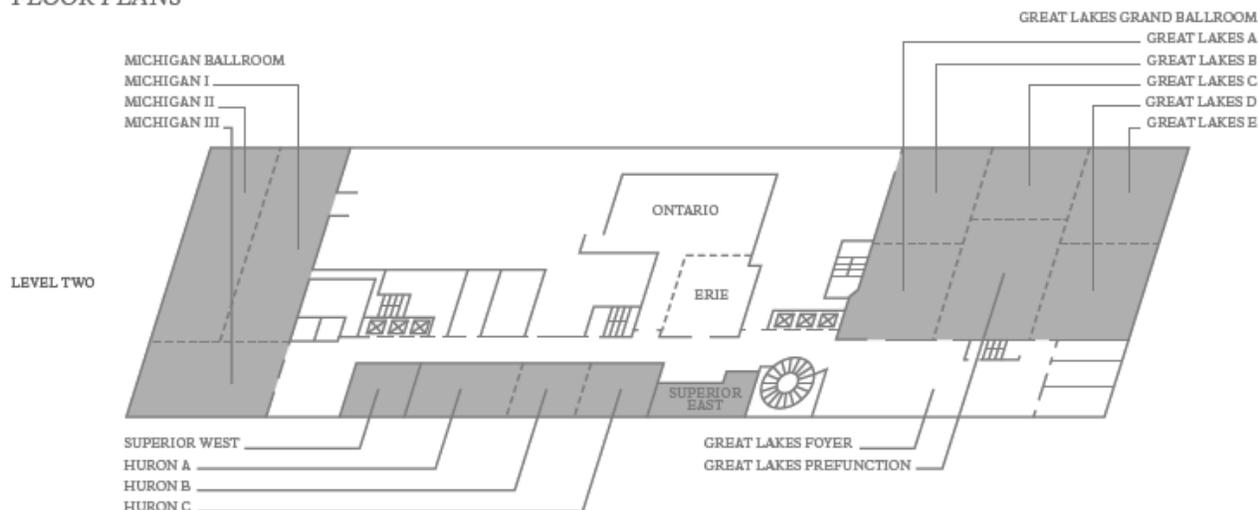
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UPCOMING ARS MEETINGS

58th Annual Meeting

September 8, 2012
Grand Hyatt Washington
Washington, DC

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COSM

April 12-13, 2013
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