



*Best Sinus Course in the World:  
Improving Rhinology from Office to OR*



**July 29 - 31, 2022**  
**Loews Miami Beach Hotel**  
**Miami, FL**



**PROGRAM AT A GLANCE**

# ARS 11th Annual Summer Sinus Symposium

## FRIDAY, JULY 29, 2022 | Americana 3

<u>Time/Topic</u>	<u>Moderator/Speaker</u>	<u>Panelists</u>
7:45 am - 8:00 am <b>Welcome</b>	Greg Davis, MD, FARS Marc Dubin, MD, FARS Douglas Reh, MD, FARS	
8:00 am – 8:45 am <b>Primary Sinus Surgery</b> <ul style="list-style-type: none"><li>Identify appropriate candidate for FESS</li><li>Discuss procedural options for patients undergoing primary FESS</li><li>Discuss the most common etiology of primary FESS failures</li><li>Describe routine postoperative care for patients undergoing primary FESS</li></ul>	Troy Woodard, MD, FARS	Devyani Lal, MD, FARS Brent Senior, MD, FARS Michael Setzen, MD, FARS Bradford Woodworth, MD, FARS
8:45 am – 9:30 am <b>Complications in Rhinology</b> <ul style="list-style-type: none"><li>Understand surgical techniques to avoid complications in rhinology</li><li>Gain insight into how to handle complications if they occur</li><li>Learn methods to handle intracranial or intraorbital complications of sinusitis</li></ul>	Rodney Schlosser, MD, FARS	Ashutosh Kacker, MD James Palmer, MD, FARS Stephanie Shintani-Smith, MD James Stankiewicz, MD, FARS Michael Stewart, MD, FARS Soma Subramaniam, FRCS, ORL
9:30 am - 10:15 am <b>Revision Sinus Surgery: Pearls for Success</b> <ul style="list-style-type: none"><li>Understand the surgical options for recalcitrant chronic rhinosinusitis for each of the paranasal sinuses</li><li>Demonstrate the surgical techniques involved in revision sinus surgery</li><li>Discuss optimization of surgical outcomes for patients undergoing revision endoscopic sinus surgery</li></ul>	Jivianne Lee, MD, FARS	Pete Batra, MD, FARS Roy Casiano, MD, FARS Angela Donaldson, MD, FARS Stephanie Joe, MD, FARS Raj Sindwani, MD, FARS
10:15 am - 10:45 am <b>Break with Exhibitors in Americana 4</b>		
10:45 am -11:30 am <b>Cadaver Dissection #1: Primary Sinus Surgery</b> <ul style="list-style-type: none"><li>Develop a systematic approach and plan for performing primary endoscopic sinus surgery</li><li>Understand surgical instrument options for performing endoscopic sinus surgery</li><li>Understand techniques to minimize complications and improve outcomes in endoscopic sinus surgery</li></ul>	Stacey Gray, MD, FARS Moderator	Nithin Adappa, MD, FARS Dissecting
11:30 am – 12:15 pm <b>Office Based Surgery for Chronic Rhinosinusitis</b> <ul style="list-style-type: none"><li>Discuss patient selection, equipment needs, and anesthesia options for office sinonasal procedures</li><li>Recognize the appropriate indications for office sinonasal procedures</li><li>Review some examples of office sinonasal procedures and tips for performing them</li></ul>	Sarah Wise, MD, FARS	Lauren Luk, MD, FARS Erin O'Brien, MD, FARS Michael Sillers, MD, FARS Winston Vaughan, MD, FARS
12:15 pm – 1:15 pm <b>Lunch with Exhibitors in Americana 4</b>		
1:15 pm – 2:00 pm <b>Keynote Address:</b> <b>“Innovation Requires Collaboration: Physician, Medical Society and Industry Perspectives”</b> <ul style="list-style-type: none"><li>Understand the role of physicians, medical societies and industry in innovation</li><li>Understand that while conflicts of interest are complicated, working together and focusing on the common interest (patients) will lead to the best use of resources and outcomes</li><li>Understand actions that physicians and medical societies can take to improve the environment for innovation and attract investment in our specialty</li></ul>	Ron Koppersmith, MD, MBA Texas ENT & Allergy College Station, Texas	

# ARS 11th Annual Summer Sinus Symposium

## Time/Topic

## Moderator/Speaker

## Panelists

2:00 pm – 2:45 pm

### **Non-Biologic Medical Management of Sinonasal Polyposis**

- Understand the spectrum of options for non-biologic medical therapies for chronic sinusitis with polyposis
- Develop a framework to select the most optimal therapeutic plan for a given patient
- Identify areas of controversy, or where more data and experience are needed

Rakesh Chandra, MD, FARS

Elisabeth Ference, MD, FARS  
David Gudis, MD, FARS  
David Kennedy, MD, FARS  
Kibwei McKinney, MD  
Elina Toskala, MD, FARS

2:45 pm – 3:15

### **Break with Exhibitors in Americana 4**

3:15 pm – 4:00 pm

### **Biologics, Biologics, Biologics...and Sinus Surgery Too – How Does One Decide?**

- Evaluate treatment options for patients with nasal polyposis
- Discuss factors that influence the decision for/against surgery for CRSwNP
- Consider factors that influence the decision for/against biologic therapy for CRSwNP

Kevin Welch, MD, FARS

Cecelia Damask, DO  
Angela Donaldson, MD, FARS  
Joshua Levy, MD, FARS  
Whitney Stevens, MD  
Justin Turner, MD, FARS

4:00 pm – 5:00 pm

### **Inflammatory Sinus Surgical Case Presentations with ARS Past-Presidents**

- Understand novel medical options for recalcitrant chronic sinusitis
- Discuss advanced surgical options for patients with chronic sinusitis
- Learn new methods to better and more quickly diagnosis chronic sinusitis.

Jeffrey Suh, MD, FARS

David Kennedy, MD, FARS  
Robert Kern, MD, FARS  
Donald Lanza, MD, FARS  
Brent Senior, MD, FARS  
Michael Setzen, MD, FARS  
Michael Sillers, MD, FARS

7:00 pm – 9:00 pm

### **Signature Reception**

**Americana Lawn, Loews Miami Beach Hotel**



# ARS 11th Annual Summer Sinus Symposium

## Saturday, July 30, 2021, Americana 3

<u>Time/Topic</u>	<u>Moderator/Speaker</u>	<u>Panelists</u>
7:00 am – 8:00 am <b>Breakfast with Exhibitors in Americana 4</b>		
8:00 am – 8:45 am <b>Multifaceted Approach to Increase Access, Care, and Research For a More Diverse and Inclusive Patient Population</b> <ul style="list-style-type: none"><li>• Understand the racial and ethnic determinants of rhinologic disease in the U.S. population</li><li>• Appreciate the impact of bias and the potential benefits of bias training on the management of rhinologic disease in diverse patient groups</li><li>• Review the implications of language barriers in the provision of care to non-English speaking patients and explore recommendations to overcome these barriers</li><li>• Provide with best practice guidelines for culturally competent management of rhinologic issues within a diverse patient population, through a discussion of recently published literature</li></ul>	Kibwei McKinney, MD	Jean Anderson Eloy, MD, FARS Jose Gurrola, MD Stella Lee, MD Erin O'Brien, MD, FARS
8:45 am – 9:30 am <b>Anosmia and Phantosmia in the COVID 19 Era</b> <ul style="list-style-type: none"><li>• Review the incidence and natural history of smell impairment in the presence of COVID 19</li><li>• Understand basic pathophysiology of the impairment</li><li>• Discuss treatment options and expected outcomes</li></ul>	Brent Senior, MD, FARS	Elisabeth Ference, MD, FARS Adam Kimple, MD, FARS Christopher Roxbury, MD, FARS Paul Russell, MD, FARS
9:30 am – 10:15 am <b>Office Based Surgery Logistics: How I Do It</b> <ul style="list-style-type: none"><li>• Describe preparations for office-base rhinology procedures</li><li>• Explore logistics of a dedicated procedure room vs. a regular clinic exam room</li><li>• Explore types of procedures that may be offered in an office setting</li></ul>	Martin Citardi, MD, FARS	Kent Lam, MD, FARS Spencer Payne, MD, FARS Danielle Warner, MD, FARS
10:15 am – 10:45 am <b>Break with Exhibitors in Americana 4</b>		
10:45 am – 11:30 am <b>Cadaver Dissection #2: Revision Sinus Surgery</b> <ul style="list-style-type: none"><li>• Understand the indications for frontal sinus surgery and the impact of technology on those indications</li><li>• Explore the potential benefits and pitfalls of extended frontal sinus surgery</li><li>• Learn how to manage complications from frontal sinus surgery</li></ul>	Yvonne Chan, MD, FARS Moderator	Kevin Welch, MD, FARS Dissecting
11:30 am – 12:15 pm <b>Navigating the Suspicious Sinonasal Mass</b> <ul style="list-style-type: none"><li>• Understand the evaluation and management strategies when evaluating a sinonasal mass</li><li>• Decide on adequate imaging modalities to reach the proper diagnosis when facing a suspicious sinonasal mass</li><li>• Obtain general knowledge in managing different sinonasal tumors</li></ul>	Jean Anderson Eloy, MD, FARS	Ashleigh Halderman, MD, FARS Joseph Han, MD, FARS Luis Fernando Macias-Valle, MD, FARS Bobby Tajudeen, MD, FARS
12:15 pm – 5:00 pm <b>Industry Satellite Symposia Events</b>		

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# ARS 11th Annual Summer Sinus Symposium

## Saturday, July 30, 2022, Allergy Session | Americana 2

<u>Time/Topic</u>	<u>Moderator/Speaker</u>	<u>Panelists</u>
7:00 am – 8:00 am <b>Breakfast with Exhibitors in Americana 4</b>		
8:00 am – 8:45 am <b>Endotypes of CRSwNP: Where Does Allergy Play a Role?</b> <ul style="list-style-type: none"><li>• Discuss where allergy fits into the diagnostic/therapeutic algorithm for CRS patients</li><li>• Identify key elements of the history, physical exam, or imaging that may be associated with allergy in CRS patients</li><li>• Review subtypes of CRS that are associated with allergy</li></ul>	Jessica Grayson, MD	Emily Barrow, MD Devyani Lal, MD, FARS Kent Lam, MD, FARS Whitney Stevens, MD Bradford Woodworth, MD, FARS
8:45 am – 9:30 am <b>Ensuring Great Care for Allergy Patients in the Rhinology Practice – Consideration of Different Practice Models</b> <ul style="list-style-type: none"><li>• Evaluate different practice models for provision of allergy services in otolaryngology/rhinology practice</li><li>• Discuss the benefits and downsides of in-house vs. referral-based allergy practices for otolaryngology/rhinology patients</li><li>• Consider integration of advance practice providers in the rhinology/allergy practice</li></ul>	Lauren Roland, MD	Nithin Adappa, MD, FARS Charles Ebert, MD, FARS Douglas Reh, MD, FARS Leisa Stillman, PA-C
9:30 am – 10:15 am <b>Office-Based Procedures for Rhinitis</b> <ul style="list-style-type: none"><li>• Consider office-based procedural options for common nasal/rhinologic conditions</li><li>• Discuss patient selection for office-based nasal procedures.</li><li>• Discuss equipment needs for office-based nasal procedures.</li></ul>	Troy Woodard, MD, FARS	Greg Davis, MD, FARS Patricia Loftus, MD, FARS Nora Perkins, MD David Yen, MD
10:15 am – 10:45 am <b>Break with Exhibitors in Americana 4</b>		
10:45 am – 11:30 am <b>Beyond the Nose: Systemic Considerations in the Rhinologic Patient</b> <ul style="list-style-type: none"><li>• Understand how various systemic conditions may present with sinonasal manifestations.</li><li>• Evaluate the specific sinonasal features of certain systemic conditions.</li><li>• Consider how certain systemic conditions may influence treatment for rhinologic patients.</li></ul>		Dana Crosby, MD, FARS David Gudis, MD, FARS Sandra Lin, MD, FARS Matthew Ryan, MD, FARS
11:30 am – 12:15 pm <b>A Biologics Deep Dive</b> <ul style="list-style-type: none"><li>• Understand the immunologic mechanisms for biologics that are available for CRSwNP</li><li>• Consider patient factors that may influence the choice of biologic for treatment of CRSwNP</li><li>• Discuss the nuances of initiating and managing CRSwNP patients on biologic therapy</li></ul>	Joshua Levy, MD, FARS	Cecelia Damask, DO Jose Mattos, MD Matthew Ryan, MD, FARS
12:15 pm – 5:00 pm <b>Industry Satellite Symposia</b>		

# ARS 11th Annual Summer Sinus Symposium

## Sunday, July 31, 2022: General Rhinology | Americana 3

<u>Time/Topic</u>	<u>Moderator/Speaker</u>	<u>Panelists</u>
7:00 am – 8:00 am <b>Breakfast with Exhibitors in Americana 4</b>		
8:00 am – 8:45 am <b>Balloon Dilation of the Eustachian Tube: Who, What, When, Where, and How?</b> <ul style="list-style-type: none"><li>• Understand the indications for balloon dilation of the eustachian tube</li><li>• Appreciate the factors that contribute to device selection and setting for the procedure</li><li>• Understand the role that eustachian tube dilation plays in the management of sinonasal disease</li></ul>	Edward McCoull, MD, FARS	Philip Chen, MD, FARS Karen Hoffmann, MD Boris Karanfilov, MD, FARS J. Pablo Stolovitzky, MD, FARS
8:45 am – 9:30 am <b>Headache: An Update for the Otolaryngologist</b> <ul style="list-style-type: none"><li>• Differentiate between the presentation and symptoms of various types of headaches compared to sinonasal inflammatory disease</li><li>• Explore the diagnostic criteria/work up for headaches, including migraines</li><li>• Discuss common treatments for non-sinonasal causes of headaches</li><li>• Understand potential treatments for sinonasal causes of headaches</li></ul>	Charles Ebert, MD, FARS	John Craig, MD, FARS Christopher Ito, MD, FARS Li-Xing Man, MD, FARS Mark Mehle, MD
9:30 am – 10:15 am <b>Topical Treatment for Infectious Recalcitrant CRS</b> <ul style="list-style-type: none"><li>• Audience will understand the evidence for topical treatments of infectious recalcitrant CRS</li><li>• Audience will observe a panel discussion of difficult cases of recalcitrant CRS and the thought process behind various topical treatments</li><li>• Audience will be able to manage infectious recalcitrant sinusitis with the best options for success.</li></ul>	David Conley, MD, FARS	Yvonne Chan, MD, FARS Andrew Lane, MD, FARS Jonathan Liang, MD, FARS Ameet Singh, MD, FARS
10:15 am – 10:45 am <b>Break with Exhibitors in Americana 4</b>		
10:45 am – 11:30 am <b>Pediatric Sinusitis: What Every Otolaryngologist Should Know</b> <ul style="list-style-type: none"><li>• Understand the work-up, medical management, and initial surgical treatments for pediatric chronic rhinosinusitis</li><li>• Learn about the endoscopic management of orbital complications of pediatric sinusitis, including sub-periosteal abscess</li><li>• Recognize and manage complications in pediatric sinus surgery including cerebrospinal fluid leak, orbital injury, and skull base defects.</li></ul>	Austin Rose, MD, FARS	David Clark, MD, FARS Adam Kimple, MD, FARS Aaron Pearlman, MD, FARS
11:30 am – 12:15 pm <b>Epistaxis: Best Treatment from the ER to Chronic Management</b> <ul style="list-style-type: none"><li>• Understand the numerous non-surgical treatment options of epistaxis in the ER and office setting</li><li>• Examine the established treatment algorithm of refractory epistaxis</li><li>• Investigate surgical treatment options for chronic epistaxis</li></ul>	Rohit Garg, MD, FARS	Nadeem Akbar, MD Melissa Pynnonen, MD, FARS Toby Steele, MD Maria Suurna, MD
12:15 pm <b>Meeting Adjourns</b>		

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# ARS 11th Annual Summer Sinus Symposium

## Sunday, July 31, 2022: Business of Medicine | Americana 1

<u>Time/Topic</u>	<u>Moderator/Speaker</u>	<u>Panelists</u>
7:00 am – 8:00 am <b>Breakfast with Exhibitors in Americana 4</b>		
8:00 am – 8:45 am <b>Marketing Your Rhinology Practice</b> <ul style="list-style-type: none"><li>• Learn how patients find doctors online and what you need to do to show up</li><li>• Describe how to minimize your time (and expense) and maximize your content and SEO</li><li>• Understand social media myths and its REAL value</li><li>• Describe key components of reputation management</li></ul>	Dick Pepper President - VOXMD	
8:45 am – 9:30 am <b>Working Smarter, Not Harder: Maximizing Efficiency with APPs, Imaging, Ancillaries, and ASCs</b> <ul style="list-style-type: none"><li>• Learn techniques for improving efficiency in clinical care workflow</li><li>• Discover how to utilize advanced practice providers and ambulatory surgery centers to provide high-quality care</li><li>• Learn how ancillary services can help streamline the delivery of care</li></ul>	Thomas Higgins, MD, FARS	W. Derek Leight, MD, FARS Roheen Raithatha, MD, FARS Michael Sillers, MD, FARS Alla Solyar, MD, FARS Winston Vaughan, MD, FARS
9:30 am – 10:15 am <b>Case Based Coding: Navigating the Complexities of New and Unlisted Codes</b> <ul style="list-style-type: none"><li>• Understand the changes in Evaluation and Management coding requirements</li><li>• Describe the coding of new technology in rhinologic procedures</li><li>• Understand coding options for procedures that have no existing specific code (unlisted codes)</li></ul>	R. Peter Manes, MD, FARS	Naveen Bhandarkar, MD, FARS David Clark, MD, FARS Michael Setzen, MD, FARS
10:15 am – 10:45 am <b>Break with Exhibitors in Americana 4</b>		
10:45 am – 11:30 am <b>Integrating Clinical Research Into Your Private Practice</b> <ul style="list-style-type: none"><li>• Explain the advantages of building a clinical research infrastructure in a private practice</li><li>• Describe the process of building a clinical research program in a private practice including the potential challenges and hurdles</li><li>• Explain how incorporating diversity of clinical research subjects can benefit a private practice</li></ul>	David Yen, MD	Cecelia Damask, DO Greg Davis, MD, FARS Michael Sillers, MD, FARS Eric Succar, MD David Yen, MD
11:30 am – 12:15 pm <b>Setting Up an Allergy Practice From the Beginning</b> <ul style="list-style-type: none"><li>• Understand the steps necessary to start up an Otolaryngic allergy practice</li><li>• Identify and manage the pitfalls of starting up an Otolaryngic allergy practice</li><li>• Explore how to maintain an Otolaryngic allergy practice and cohesively integrate it with a rhinology practice</li></ul>	Masayoshi Takashima, MD	Esther Kim, MD Sandra Lin, MD, FARS Hassan Ramadan, MD, FARS
12:15 pm <b>Meeting adjourns</b>		

# ARS 11th Annual Summer Sinus Symposium

## Sunday, July 31, 2022: Skull Base | Americana 2

<u>Time/Topic</u>	<u>Moderator/Speaker</u>	<u>Panelists</u>
7:00 am – 8:00 am <b>Breakfast with Exhibitors in Americana 4</b>		
8:00 am – 8:45 am <b>Pituitary Surgery 101: Management, Reconstruction and Team-Based Surgery Considerations</b> <ul style="list-style-type: none"><li>• Discuss surgical techniques for expanded endoscopic</li><li>• Explore the various endoscopic repairs available after resection of pituitary tumors approaches for resection of pituitary tumors</li><li>• Understand strategies to building a pituitary practice with neurosurgical colleagues</li></ul>	Anthony Del Signore, MD	Ralph Abi-Hachem, MD Ashleigh Halderman, MD, FARS Kenneth Rodriguez, MD Bradford Woodworth, MD, FARS
8:45 am – 9:30 am <b>Orbital Surgery: The Expanding Role of Otolaryngology for Orbit Disease</b> <ul style="list-style-type: none"><li>• Understand the role of endoscopic management in lacrimal and Grave's Disease</li><li>• Explore how to endoscopically manage orbital extension of sinonasal neoplasm</li><li>• Learn how to treat intraconal pathology using endoscopic techniques</li></ul>	Benjamin Bleier, MD, FARS	Edward El-Rassi, MD David Gudis, MD, FARS Janalee Stokken, MD, FARS
9:30 am – 10:15 am <b>CSF Leaks: Diagnosis and Comprehensive Management</b> <ul style="list-style-type: none"><li>• Understand how to recognize the presence of and work-up of a CSF leak</li><li>• Explore the potential causes of CSF leak and understand how this relates to CSF leak management</li><li>• Review management options for different types of CSF leak through case examples.</li></ul>	Corinna Levine, MD, FARS	Edward Kuan, MD, FARS Patricia Loftus, MD, FARS Spencer Payne, MD, FARS Nicholas Rowan, MD
10:15 am – 10:45 am <b>Break with Exhibitors in Americana 4</b>		
10:45 am – 11:30 am <b>Dissection #3: Skull Base</b> <ul style="list-style-type: none"><li>• Explain steps in transsphenoidal surgery</li><li>• Enumerate steps in utilizing a nasoseptal flap for skull base repair</li><li>• Identify landmarks to perform safe transsphenoidal surgery</li></ul>	Devyani Lal, MD, FARS Moderator	Marilene Wang, MD, FARS Dissector
11:30 am – 12:15 pm <b>Skull Base Case Presentations: Ask the Experts</b> <ul style="list-style-type: none"><li>• Explore the indications for endoscopic skull base surgery</li><li>• Understand the limitations of an endoscopic endonasal approach for skull base Pathology</li><li>• Demonstrate awareness of surgical techniques to optimize outcomes from endoscopic skull base surgery</li></ul>	Eric Wang, MD, FARS	Jessica Grayson, MD Chirag Patel, MD, FARS Ryan Rimmer, MD Jeffrey Suh, MD, FARS
12:15 pm <b>Meeting Adjourns</b>		

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