



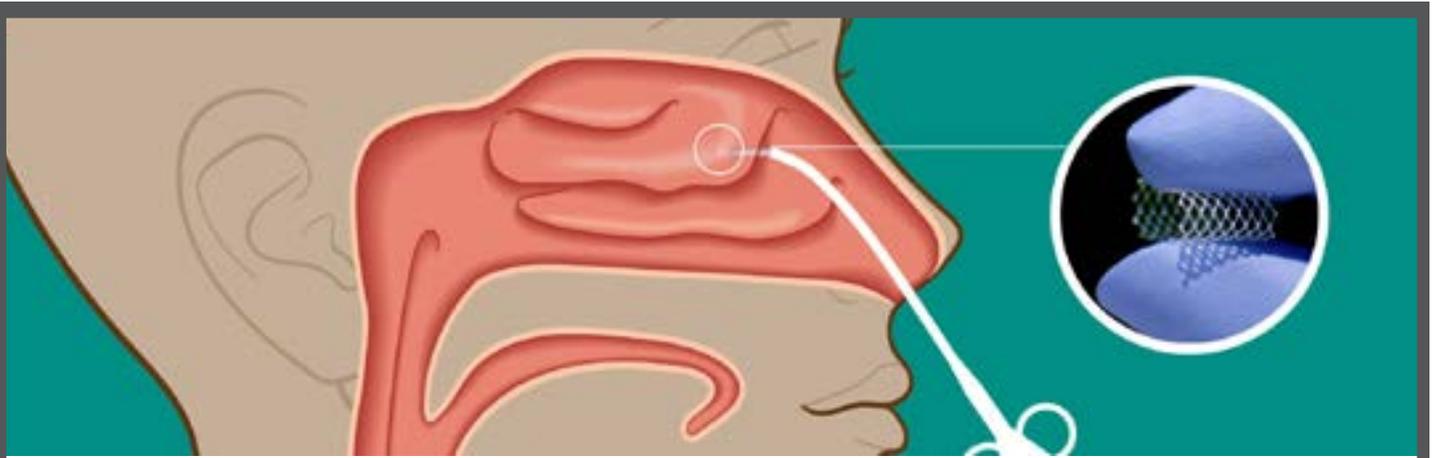
*Best Sinus Course in the World:  
Improving Rhinology from Office to OR*



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



**PROGRAM BOOK**



## Learn more about Lyra's product candidates in development for chronic rhinosinusitis

### LYR-210

for CRS patients with  
**surgically naïve**  
anatomy

ENLIGHTEN PROGRAM –  
Two ongoing Phase 3 studies

### LYR-220

for CRS patients with  
**post-surgical**  
anatomy

BEACON PROGRAM –  
Ongoing Phase 2 study

*Both product candidates are designed to provide up to 6 months of local anti-inflammatory treatment from a single in-office administration for CRS patients not controlled with conventional approaches.*

Review **results of the LANTERN Phase 2 study of LYR-210 in CRS** in this online publication in *International Forum of Allergy & Rhinology*.



Rodney  
Schlosser, MD,  
FARS

## Welcome from the ARS President

### Dear Friends and Colleagues,

The American Rhinologic Society is excited to have you join us for our annual Summer Sinus Symposium (ARS SSS) here in Miami at the Loews Hotel on South Beach. We have been conducting in person meetings for the last year with all COVID precautions in a safe environment and we look forward to continuing this with our SSS 2022!

Since the conception of the ARS Summer Sinus Symposium, the focus has been upon practical clinical topics and pearls. Our practices have changed dramatically in the last year or two. This course will provide insight into use of biologics, how to care for rhinology patients in the COVID era, new methods of topical drug delivery, and novel devices and treatments for rhinitis and nasal valve dysfunction. Through interactive panel discussions and debates as well as demonstration dissections, I'm certain you will learn something that can be immediately implemented into your practice.

During the ARS SSS, you will also be able to meet with the exhibitors to see the newest equipment and treatment options for our rhinology patients. Our corporate supporters have generously supported this conference and have allowed us to offer the meeting at a minimal expense. Please take a moment to thank them.

Rodney J. Schlosser, MD, FARS  
President, American Rhinologic Society

### ARS 11TH ANNUAL SUMMER SINUS SYMPOSIUM HIGHLIGHTS:

- Expanded cadaver prosections
- Keynote address *"From ethmoiditis to Everest: Perspectives on sinus infections, physical burnout, and renewal"* by Paul Pottinger, MD, FACP, FIDSA
- New dedicated allergy program
- Symposia sessions

# Welcome from Course Directors!

We are very excited to have you at the 11th annual American Rhinologic Society's Summer Sinus Symposium July 29-31, 2022. Summer Sinus once again promises to offer an exciting, comprehensive, and practical program presenting the state-of-the-art care in clinical and surgical rhinology. Our goal is to offer private practice and academic otolaryngologists the highest level of rhinology education available anywhere in the world.

We have created a program broad in content and reach that can provide high value for the practicing otolaryngologist and allied health professional involved in rhinologic patient care. This year offers both a new dedicated allergy program and expanded cadaver prosections. A large and experienced faculty will address contemporary topics such as primary, revision, and advanced sinus surgery, medical treatment of rhinosinusitis, office-based rhinologic surgery, complications of sinus surgery, allergy management, and many other important topics. Through panel discussions and debates, demonstration dissections, and audience response systems, we strive to create an interactive learning environment, highly praised by past attendees. The course emphasizes a collegial atmosphere where interactions between practicing otolaryngologists, rhinology thought leaders, and industry partners are fostered.

We hope you have a great educational experience and you enjoy yourself doing it!

## COURSE DIRECTORS



Greg Davis,  
MD, FARS



Marc Dubin,  
MD, FARS



Douglas Reh,  
MD, FARS



# 2022 Program Information

## Invited Faculty

Ralph Abi Hachem, MD  
Nithin Adappa, MD, FARS  
Nadeem Akbar, MD  
Emily Barrow, MD  
Pete Batra, MD, FARS  
Satyan Belur, MD, FARS  
Naveen Bhandarkar, MD, FARS  
Benjamin Bleier, MD, FARS  
Roy Casiano, MD, FARS  
Yvonne Chan, MD, FARS  
Rakesh Chandra, MD, FARS  
Michael Chang, MD, FARS  
Philip Chen, MD, FARS  
Martin Citardi, MD, FARS  
David Clark, MD, FARS  
David Conley, MD, FARS  
Dana Crosby, MD, FARS  
Cecelia Damask, DO  
Greg Davis, MD, FARS  
Anthony Del Signore, MD  
Angela Donaldson, MD, FARS  
Marc Dubin, MD, FARS  
Charles Ebert, Jr, MD, FARS  
Edward El Rassi, MD  
Jean Anderson Eloy, MD, FARS  
Elisabeth Ference, MD, FARS  
Rohit Garg, MD, FARS  
Stacey Gray, MD, FARS  
Jessica Grayson, MD  
David Gudis, MD, FARS  
Jose Gurrola, MD  
Ashleigh Halderman, MD, FARS  
Joseph Han, MD, FARS  
Thomas Higgins, MD, FARS  
Karen Hoffmann, MD  
Christopher Ito, MD  
Stephanie Joe, MD, FARS  
Ashutosh Kacker, MD  
Boris Karanfilov, MD, FARS  
David Kennedy, MD, FARS  
Robert Kern, MD, FARS  
Esther Kim, MD  
Adam Kimple, MD, FARS  
Edward Kuan, MD, FARS  
Ron Kupper-Smith, MD, MBA

Devyani Lal, MD, FARS  
Kent Lam, MD, FARS  
Andrew Lane, MD, FARS  
Donald Lanza, MD, FARS  
Jivianne Lee, MD, FARS  
Stella Lee, MD, FARS  
W. Derek Leight, MD, FARS  
Corinna Levine, MD, FARS  
Joshua Levy, MD, FARS  
Jonathan Liang, MD, FARS  
Sandra Lin, MD, FARS  
Patricia Loftus, MD, FARS  
Lauren Luk, MD, FARS  
Luis Fernando Macias-Valle, MD, FARS  
Chadi Makary, MD, FARS  
Li-Xing Man, MD, FARS  
R. Peter Manes, MD, FARS  
Jose Mattos, MD  
Justin McCormick, MD, FARS  
Edward McCoul, MD, FARS  
Kibwei McKinney, MD  
Mark Mehle, MD  
Erin O'Brien, MD, FARS  
Somtochi Okafor, MD, FARS  
James Palmer, MD, FARS  
Chirag Patel, MD, FARS  
Spencer Payne, MD, FARS  
Aaron Pearlman, MD, FARS  
Dick Pepper - President, VoxMD  
Nora Perkins, MD  
Melissa Pynnonen, MD, FARS  
Roheen Raithatha, MD, FARS  
Amrita Ray, MD, FARS  
Douglas Reh, MD, FARS  
Ryan Rimmer, MD  
Kenneth Rodriguez, MD  
Lauren Roland, MD  
Austin Rose, MD, FARS  
Nicholas Rowan, MD  
Christopher Roxbury, MD, FARS  
Paul Russell, III, MD, FARS  
Matthew Ryan, MD, FARS  
Rodney Schlosser, MD, FARS  
Brent Senior, MD, FARS

Michael Setzen, MD, FARS  
Janki Shah, MD, FARS  
Stephanie Shintani-Smith, MD  
Michael Sillers, MD, FARS  
Raj Sindwani, MD, FARS  
Ameet Singh, MD, FARS  
Alla Solyar, MD, FARS  
James Stankiewicz, MD, FARS  
Toby Steele, MD  
Whitney Stevens, MD  
Michael Stewart, MD, FARS  
Leisa Stillman, PA-C  
Janalee Stokken, MD, FARS  
J. Pablo Stolovitzky, MD, FARS  
Eric Succar, MD  
Jeffrey Suh, MD, FARS  
Maria Suurna, MD  
Bobby Tajudeen, MD, FARS  
Masayoshi Takashima, MD  
Elina Toskala, MD, FARS  
Justin Turner, MD, FARS  
Winston Vaughan, MD, FARS  
Eric Wang, MD, FARS  
Marilene Wang, MD, FARS  
Danielle Warner, MD, FARS  
Kevin Welch, MD, FARS  
Sarah Wise, MD, FARS  
Troy Woodard, MD, FARS  
Bradford Woodworth, MD, FARS  
David Yen, MD

*FARS: Fellow of American  
Rhinologic Society*

## PROGRAM COMMITTEE

Naveen Bhandarkar, MD, FARS  
Rohit Garg, MD, FARS  
Stella Lee, MD, FARS  
Justin Turner, MD, FARS  
Sarah Wise, MD, FARS  
Troy Woodard, MD, FARS

## ARS EXECUTIVE COMMITTEE

Rodney Schlosser, MD, FARS  
*President*

Sarah Wise, MD, FARS  
*President-Elect*

Rakesh Chandra, MD, FARS  
*Secretary*

Jivianne Lee, MD, FARS  
*Treasurer*

Pete Batra, MD, FARS  
*First Vice President*

Kevin Welch, MD, FARS  
*Second Vice President*

Joseph Han, MD, FARS  
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Michael Stewart, MD, FARS  
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Brent Senior, MD, FARS  
*VP Development and  
Strategic Initiatives*

## ARS BOARD OF DIRECTORS

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Greg Davis, MD, FARS  
Stephanie Joe, MD, FARS  
Amber Luong, MD, PhD, FARS  
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Bradford Woodworth, MD,  
FARS  
Timothy Smith, MD, FARS  
*(Ex-Officio Member)*

# Ancillary Non-CME & Social Events

## FRIDAY, JULY 29, 2022

12:15 pm – 1:05 pm

### Acclarent Lunch Symposium

**Location:** Americana 1

**Title:** “How can Selecting the Right Corporate Partner help to build practice MSOs, ASCs and other joint ventures?”

**Description:** Identify various corporate partner interests, and working beyond the financial transaction to understand the value proposition of a corporate partner to your group, while insulating your group from corporate control provisions.

**Speakers:** Basheer Alismail, Founder, Monument Health Advisors

*This is a non-CME event sponsored by Acclarent. It is neither sponsored by nor endorsed by the ARS.*

12:15 pm – 1:05 pm

### Sanofi & Regeneron Lunch Symposium

**Location:** Poinciana 1

**Title:** “Take a Different Path to Chronic Rhinosinusitis with Nasal Polyposis (CRSwNP) Control”

**Description:** Presentation on Dupixent and its use in treating CRSwNP followed by Q&A.

**Speakers:** Moshe Ephrat, MD

*This is a non-CME event sponsored by Sanofi & Regeneron. It is neither sponsored by nor endorsed by the ARS.*

7:00 pm – 9:00 pm

### Signature Event at the Americana Lawn

Cocktail Reception included with registration. Guest tickets are available for \$150 per ticket.

## SATURDAY, JULY 30, 2022

7:00 am – 7:50 am

### Medtronic Breakfast Symposium

**Location:** Americana 3

**Title:** “Focus on the Frontals - Secrets to Success”

**Description:** This presentation will highlight key anatomic knowledge, surgical techniques, and topical drug delivery to optimize successful frontal sinus surgery. The speakers will also discuss new exciting research related to the long-term benefits of localized drug delivery.

**Speakers:** David Conley, MD, FARS, and Greg Davis, MD, FARS

*This is a non-CME event sponsored by Medtronic (formerly Intersect ENT). It is neither sponsored by nor endorsed by the ARS.*

12:30 pm – 1:30 pm

### Aerin Medical Lunch Symposium

**Location:** Americana 1

**Title:** Advances in Office-Based Treatment of Nasal Obstruction and Chronic Rhinitis

**Description:** Faculty will share clinical evidence and case studies regarding newer, non-invasive solutions to treat the common but persistent conditions of nasal airway obstruction and chronic rhinitis.

**Speakers:** Joseph Han, MD, FARS, and Jivianne Lee, MD, FARS

*This is a non-CME event sponsored by Aerin Medical. It is neither sponsored by nor endorsed by the ARS.*

12:30 pm – 1:30 pm

### Stryker Lunch Symposium

**Location:** Poinciana 1

**Title:** “Eustachian Tube Dysfunction: Patient Selection to Maximize Outcomes”

**Description:** Eustachian tube dysfunction (ETD) is one of the most common Eustachian tube disorders but can be tricky to diagnose. Many treatments can provide a temporary or even a long-term solution, but how do you determine which patient fits best for which treatments? Join our physician panel as they dive deep into: ETD disease state challenges and prevalence; ETD patient subsets; Approaches in ETD diagnostic assessments; Historical and new treatments of ETD

**Speakers:** Joshua Greene, MD; Nick Debnath, MD

*This is a non-CME event sponsored by Stryker. It is neither sponsored by nor endorsed by the ARS.*

1:30 pm – 3:00 pm

3:15 pm – 4:45 pm

### Stryker ENT Lab

**Location:** Poinciana 3 & 4

**Title:** “Navigating the Future of Sinus Procedures”

**Description:** Experience the latest that ENT Navigation has to offer. Put your frontal sinus anatomy identification skills to the test with a workshop using IFAC classification with Stryker ENT Navigation Building Blocks software and learn how these preoperative planning capabilities can be united with your endoscopic view in real-time during sinus surgery - The next generation solution that allows for more control over your surgical plan. Apply these learnings using Scopis image guidance during a hands-on lab.

**Speakers:** Rodney Schlosser, MD, FARS; Amber Luong, MD, PhD, FARS; Nick Debnath, MD; Raj Sindwani, MD, FARS

*This is a non-CME event sponsored by Stryker. It is neither sponsored by nor endorsed by the ARS.*

1:30 pm – 4:00 pm

### Stryker ENT Certification Lab

**Location:** Poinciana 2

**Description:** Hands-on training certification on balloon dilation of the Eustachian tube utilizing Audion, the LATERA absorbable nasal implant system, and the ClariFix cryotherapy device.

**Speakers:**

*This is a non-CME event sponsored by Stryker. It is neither sponsored by nor endorsed by the ARS.*

5:30 pm – 6:30 pm

### Women in Rhinology Roundtable Discussion on Career and Professional Goal Setting

**Location:** Poinciana 1

**Supported by Aerin Medical**

6:30 pm – 7:30 pm

### Women in Rhinology Reception

**Location:** Venus Room and Outside Terrace, 3rd Floor

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The ARS will retain control over the use of Educational Grants, and implement safeguards designed to ensure that educational programs are non-promotional and free from commercial influence and bias. All ancillary industry sponsored events are non CME. They are neither sponsored by, nor endorsed by the ARS.

# General Information

## Registration Hours

Thursday, July 28, 2022: 4:00 pm – 7:00 pm

Friday, July 29, 2022: 7:00 am – 5:00 pm

Saturday, July 30, 2022: 7:00 am – 5:00 pm

Sunday, July 31, 2022: 7:00 am – 12:00 pm

**NOTE:** Registration will be located in the Rotunda located on the 2nd Floor of the Loews Miami Beach Hotel. Badges must be worn to enter meeting rooms and exhibit hall. *Children under the age of 16 are not permitted in the exhibit hall.*

## Exhibit Hall Hours

Friday, July 29, 2022: 7:30 am – 3:30 pm

Saturday, July 30, 2022: 7:30 am – 1:30 pm

Sunday, July 31, 2022: 7:30 am – 10:45 am

Lunch and breaks will be served in the Exhibit Hall on Friday, Saturday, and Sunday. We encourage networking with our valuable Exhibitors and learning about new technologies in our field.

## WiFi

Network: Loews-Conference Password: ARSSSS22

Complimentary internet access is available in the ARS Registration area, Exhibit Hall, General Session, and Breakout Rooms.

## Announcements

Attendees may post announcements regarding employment opportunities, professional or scientific meetings, on the table located outside the exhibit hall.

## Cell Phones

As a courtesy to your colleagues, please silence your phone while in the general sessions.

## Dress Code

Business casual attire is suggested.

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## COVID-19 NOTICE

The ARS will continue to closely monitor the impact of the COVID-19 pandemic and put the necessary measures in place for the safety and health of all attendees and participants. At this time, masking at the ARS 11th Annual Summer Sinus Symposium is optional.

## Speaker Ready Room

The Speaker Ready Room is located in Room 301 on the 3rd floor and is open at the following times:

**Thursday, July 28:** 4:00 pm – 7:00 pm

**Friday, July 29:** 7:00 am – 5:00 pm

**Saturday, July 30:** 7:00 am – 1:00 pm

**Sunday, July 31:** 7:00 am – 12:00 pm

## 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 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 cases.

## 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](http://www.aboto.org). As a service to both the American Rhinologic Society and the Otolaryngology community at large, the *ARS 2022 Summer Sinus 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 14.50 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## How to Obtain Your CME Certificate

Go to [ARS.CmeCertificateOnline.com](http://ARS.CmeCertificateOnline.com) and click on "ARS 11th Annual Summer Sinus Symposium" link. On the site, you will be asked to evaluate the overall conference. A certificate will be made available for you to print. Questions? Email [Certificate@AmedcoEmail.com](mailto:Certificate@AmedcoEmail.com)



# 2022 ARS SUMMER SINUS SYMPOSIUM SUPPORT

The American Rhinologic Society gratefully acknowledges the following companies for their support of the 11th Annual Summer Sinus Symposium.

## EXHIBITORS

3-D Matrix Inc.  
Acclarent  
Advanced RX Compounding Pharmacy  
Aerin Medical  
ALK-Abelló, Inc.  
Clinician Box  
Elevate ENT  
GSK  
Hemostasis & Fiagon  
ID Medical Devices  
Intersect ENT *is now a part of Medtronic*  
J. Morita USA  
KARL STORZ Endoscopy-America, Inc.  
Medical Center Specialty Pharmacy  
Medtronic  
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NeilMed Pharmaceuticals Inc.  
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## GOLD SPONSOR

Stryker ENT

## SILVER SPONSOR

Intersect ENT is now a part of Medtronic  
Sanofi & Regeneron

## BRONZE SPONSOR

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## MEETING T-SHIRTS

Neurent

## FACULTY RECEPTION

Lyra Pharmaceuticals

## WOMEN IN RHINOLOGY NETWORKING EVENT

Aerin Medical

# PROGRAM AT-A-GLANCE

## 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>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 Kuppersmith, MD, MBA Texas ENT & Allergy College Station, Texas	

# PROGRAM AT-A-GLANCE

## Time/Topic

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

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

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.

7:00 pm – 9:00 pm

### **Signature Reception**

**Americana Lawn, Loews Miami Beach Hotel**

## Moderator/Speaker

Rakesh Chandra, MD, FARS

Kevin Welch, MD, FARS

Jeffrey Suh, MD, FARS

Presenters:

Justin McCormick, MD

Amrita Ray, MD

Elisabeth Ference, MD

Janki Shah, MD

## Panelists

Elisabeth Ference, MD, FARS

David Gudis, MD, FARS

David Kennedy, MD, FARS

Kibwei McKinney, MD

Elna Toskala, MD, FARS

Cecelia Damask, DO

Angela Donaldson, MD, FARS

Joshua Levy, MD, FARS

Whitney Stevens, MD

Justin Turner, 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



# PROGRAM AT-A-GLANCE

## Saturday, July 30, 2022, 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>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>		

# PROGRAM AT-A-GLANCE

## 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>		

# PROGRAM AT-A-GLANCE

## 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 McCoul, 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>		

# PROGRAM AT-A-GLANCE

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

### Time/Topic

### Moderator/Speaker

### Panelists

7:00 am – 8:00 am

#### **Breakfast with Exhibitors in Americana 4**

8:00 am – 8:45 am

#### **Marketing Your Rhinology Practice**

- Understand how patients differentiate between practices when seeking rhinology care
- Learn how to leverage technology and social media platforms to boost their patient volume
- Understand how to utilize reputation management and patient reviews to drive referrals and how to manage negative reviews

Dick Pepper  
President - VOXMD

8:45 am – 9:30 am

#### **Working Smarter, Not Harder: Maximizing Efficiency with APPs, Imaging, Ancillaries, and ASCs**

- Learn techniques for improving efficiency in clinical care workflow
- Discover how to utilize advanced practice providers and ambulatory surgery centers to provide high-quality care
- Learn how ancillary services can help streamline the delivery of care

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

#### **Case Based Coding: Navigating the Complexities of New and Unlisted Codes**

- Understand the changes in Evaluation and Management coding requirements
- Describe the coding of new technology in rhinologic procedures
- Understand coding options for procedures that have no existing specific code (unlisted codes)

R. Peter Manes, MD, FARS

Naveen Bhandarkar, MD, FARS  
David Clark, MD, FARS  
Michael Setzen, MD, FARS

10:15 am – 10:45 am

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

10:45 am – 11:30 am

#### **Integrating Clinical Research Into Your Private Practice**

- Explain the advantages of building a clinical research infrastructure in a private practice
- Describe the process of building a clinical research program in a private practice including the potential challenges and hurdles
- Explain how incorporating diversity of clinical research subjects can benefit a private practice

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

#### **Setting Up an Allergy Practice From the Beginning**

- Understand the steps necessary to start up an Otolaryngic allergy practice
- Identify and manage the pitfalls of starting up an Otolaryngic allergy practice
- Explore how to maintain an Otolaryngic allergy practice and cohesively integrate it with a rhinology practice

Masayoshi Takashima, MD

Esther Kim, MD  
Sandra Lin, MD, FARS  
Chadi Makary, MD, FARS

12:15 pm

#### **Meeting adjourns**

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# PROGRAM AT-A-GLANCE

## 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  Presenters: Somtochi Okafor, MD Michael Chang, MD Satyan Sreenath, MD	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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*As of 7/10/22*



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