



Program At A Glance

ARS 72nd Annual Meeting

October 15-17, 2026 | The Biltmore Los Angeles Hotel, Los Angeles, CA

ARS 72nd Annual Meeting

October 15-17, 2026 | Los Angeles, CA



PROGRAM AT A GLANCE

MEETING HIGHLIGHTS

The 2026 Annual Meeting at the historic Millennium Biltmore Hotel will feature a dynamic mix of cutting-edge science, practical rhinology, career development, and advocacy-focused programming.

The meeting will open with a high-impact combined session highlighting top abstracts and the prestigious Hwang Lecture, featuring Sarah Wise, MD.

The Kennedy Lecture will feature Michael Sillers, MD and serve as one of the signature educational events of the meeting.

A featured guest appearance by Bobby Mukkamala, Immediate Past President of the American Medical Association, will bring a national perspective on healthcare policy, advocacy, physician leadership, and the future of medical practice.

The scientific program will emphasize interactive panel-based education focused on real-world rhinology controversies and evolving standards of care.

ARS expands trainee engagement with new Poster Mentorship Reception

Maximum of 9.75 AMA PRA Category 1 Credit(s)[™]

Highlighted panel topics include:

- Recalcitrant CRS Without Polyps: Still Not Better... Now What?
- Olfactory Dysfunction: Where We Are and What Do We Actually Have to Offer?
- PNN Ablation: Game Changer or Current Trend?"
- Inside the Review Room: A Mock Grant Review for Industry-Sponsored and NIH-Style Research Proposals
- Biologics: Our Current Consensus on Usage
- Practice Selection: Which Setting is Best for You?

The meeting will conclude with a collaborative Joint Session with the American Academy of Otolaryngology–Head and Neck Surgery at the Los Angeles Convention Center, highlighting interdisciplinary collaboration and expanded educational opportunities for attendees.

Resident's Course

Wednesday, October 14, 2026

1:00 pm – 5:00 pm
Didactic Lectures - Junior Track
Emerald Room
By Invitation Only

1:00 pm – 5:00 pm
Residents Dissection Lab - Senior Track
Stryker Mobile Lab
Outside Parking Lot
By Invitation Only

Thursday, October 15, 2026

7:00 am – 8:00 am
Resident's Course Breakfast
Emerald Room
By Invitation Only

8:00 am – 12:00 pm
Resident's Course Didactic Lectures - Senior Track
Emerald Room
By Invitation Only

8:00 am – 12:00 pm
Resident's Dissection Lab - Junior Track
Stryker Mobile Lab
Outside Parking Lot
By Invitation Only

12:00 pm – 1:00 pm
Lunch and Keynote Lecture
Emerald Room
By Invitation Only

1:00 pm – 3:00 pm
Residents Join Women in Rhinology Symposium
Gold Room
By Invitation Only

6:30 pm – 8:00 pm
Resident's Reception
Tiffany Room

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Thursday, October 15, 2026

11:00 am – 3:00 pm

Women in Rhinology Event

Tiffany Room

3:00 pm – 7:00 pm

ARS Board of Directors Meeting

Crystal Room

7:00 pm – 9:00 pm

Rhinologists in Private Practice Event

Heinsbergen Room

7:00 pm – 9:00 pm

Skull Base and Orbital Surgery Section Event

Tiffany Room

Friday, October 16, 2026

General Session

Biltmore Bowl

8:00 am – 12:10 pm

7:00 am – 8:00 am

Breakfast with Exhibitors in Registry

Welcome

Marc Dubin, MD, FARS

ARS President-Elect and Program Chair

8:05 am – 8:19 am

President's Address

Amber Luong, MD, PhD, FARS

ARS President

Room Moderator: Marc Dubin, MD, FARS

Oral Presentations: Top 5 Clinical Science

*Session Moderators: Charles Ebert, Jr., MD, FARS;
Jessica Grayson, MD*

8:20 am – 8:27 am

FLAVOR phase 2 RCT: Theophylline nasal spray for persistent post-viral hyposmia

Masayoshi Takashima, MD, FARS

8:28 am – 8:35 am

CDHR3 risk variant and epithelial dysplasia predict infection in CRS

Eugene Chang, MD, FARS

8:36 am – 8:43 am

Air pollution associated alterations in the sinonasal microbiome and inflammatory signaling

Hong-Ho Yang, MD

8:44 am – 8:51 am

Remission: Does it really exist? A transcriptomic assessment

Sheherazade Jannat, Research Coordinator

8:52 am – 8:59 am

Association of type 3 inflammation with clinical outcomes in chronic rhinosinusitis

Michael Papazian, MD

9:00 am – 9:05 am

Q&A

9:05 am – 9:15 am

Awards Ceremony

Charles Ebert, Jr., MD, FARS

9:15 am – 10:00 am

Hwang Family Lectureship

Guest Speaker: Sarah Wise, MD, FARS

Title: "The Challenges That Our Mentors Face Can Give Us Strength"

10:00 am – 10:36 am

Break with Exhibitors

Oral Presentations : Top 5 Basic Science

*Session Moderators: Angela Donaldson, MD, FARS;
David Gudis, MD, FARS*

10:37 am – 10:44 am

RADA16 as a drug-delivery scaffold for pseudomonas sinusitis

Do-Yeon Cho, MD

10:45 am – 10:52 am

Tuft cell expansion is steroid resistant in vitro in chronic rhinosinusitis with nasal polyps

Michael Kohanski, MD, PhD, FARS

10:53 am – 11:00 am

TREM2+ macrophages and type 2 inflammation in CRSwNP

Amarbir Gill, MD

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11:01 am – 11:08 am

Novel orphan non-coding RNA signatures reveal endotype-specific regulatory programs in CRS

Hoang Bui-Nguyen, MD, PhD

11:09 am – 11:16 am

Resequencing the international sinonasal microbiome study cohort defines dysbiosis in CRS

Isabella Burdon, MBBS-VI, PhD-III

11:17 am – 11:22

Q&A

11:22 am – 11:25 am

Introductions

11:25 am - 12:10 pm

Lecture

Speaker: Bobby Mukkamala, MD, Immediate Past President, American Medical Association

Title: "Physician Leadership in Advocating for a Healthier Tomorrow"

12:10 pm – 1:00 pm

Lunch with Exhibitors in Regency

12:15 pm – 1:00 pm

Fall Film FESStival

Bernards Room

Friday, October 16, 2026

General Session – Biltmore Bowl

1:00 pm – 5:00 pm

Room Moderator: Benjamin Bleier, MD, FARS

Session Moderators: Anthony Del Signore, MD, FARS; Lauren Roland, MD

1:00 pm – 1:06 pm

Predicting ESS benefit in CRS with multilevel ML and expert benchmarking

Vijay Ramakrishnan, MD, FARS

1:07 pm – 1:13 pm

GenAI utility in predicting sinus surgery outcomes in CRS

Vijay Ramakrishnan, MD, FARS

1:14 pm – 1:20 pm

Machine learning to predict response to appropriate medical therapy for chronic sinusitis

Waleed M. Abuzeid, MD, FARS

1:21 pm – 1:27 pm

Machine learning detection of acute sinusitis from nasal endoscopy video

Akshay Prabhakar, BSA

1:28 pm – 1:34 pm

Multimodal deep learning for differentiating sinonasal tumors using endoscopy and MRI

Xinyan Cui, MD, PhD

1:35 pm – 1:40 pm

Q&A

1:40 pm – 2:10 pm

PANEL: PNN Ablation: Game Changer or Current Trend?

Moderator: Douglas Reh, MD, FARS

Panelists: Karen Bednarski, MD; Chris Davis, MD, FARS; Anthony Del Signore, MD, FARS

Session Moderators: Omar Ahmed, MD, FARS; Katie Phillips, MD, FARS

2:11 pm – 2:17 pm

NSAID vs opioid analgesia after sinonasal surgery: A randomized controlled trial

Grace Cheung, Medical Student

2:18 pm – 2:24 pm

Reducing particulate in endoscopic drilling: An evaluation of a novel nasopharyngeal suction system

Corinne Stonebraker, BA

2:25 pm – 2:31 pm

Topical vasoconstrictor injection and bleeding in endoscopic sinus surgery: A randomized trial

Azin Tabari, MD

2:32 pm – 2:38 pm

Comparing postoperative CSF leak outcomes between two free mucosal graft harvest sites

Julia Canick, MD

2:40 pm – 2:45 pm

Q&A

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2:45 pm – 3:15 pm

Break with Exhibitors in Regency

*Session Moderators: Karen Bednarski, MD, FARS;
Michael Marino, MD, FARS*

3:15 pm – 3:21 pm

Tezepelumab improves sinonasal outcomes in adults with CRSwNP with a history of prior NP surgery

Stella Lee, MD, FARS

3:22 pm – 3:28 pm

Real-world comparison of Dupilumab and Mepolizumab in CRSwNP

Stella Lee, MD, FARS

3:29 pm – 3:35 pm

Biologic discontinuation in CRSwNP patients

Elchanan Zloczower, MD, MHA

3:36 pm – 3:42 pm

The Dupilumab divide: Sociodemographic disparities in biologic access for CRSwNP

Lisa Chionis Buhler, MD

3:43 pm – 3:47 pm

Q&A

3:48 pm – 4:25 pm

PANEL: Olfactory Dysfunction: Where We Are and What Do We Actually Have to Offer?

Moderator: Zara Patel, MD, FARS

Panelists: Nyssa Farrell, MD; Eric Holbrook, MD, FARS; Lo Ren Hui, MBBS; Carol Yan, MD

*Session Moderators: Mathew Geltzeiler, MD, FARS;
Carol Yan, MD*

4:26 pm – 4:32 pm

Oral antibiotic efficacy for persistent odontogenic sinusitis following dental extraction

Benjamin Wils, MD, MS

4:33 pm – 4:39 pm

21-year institutional review of stentless endoscopic dacryocystorhinostomy

Ren Hui Lo, MBBS, MMED ORL-HNS

4:40 pm – 4:46 pm

Anterior ethmoidal artery flap outcomes for nasal septal perforation repair

Pedro Bonilla, MSc

4:47 pm – 4:53 pm

Return-to-OR outcomes in HHT

Mishek Thapa, BS

4:54 pm – 5:00 pm

Q&A

5:00 pm – 6:30 pm

RAPPers Event

Athenian Room

5:00 pm – 6:30 pm

Poster Mentorship Session

“The Future of Rhinology, One Poster at a Time: Pearls from the Pros”

Moderator: Christopher Roxbury, MD, FARS
Regency Room

The American Rhinologic Society is pleased to introduce the Poster Mentorship Session. This new event will bring trainee poster presenters together with experienced rhinologists in small-group discussions led by ARS member mentors. Trainees will present their research, receive personalized feedback, and connect with peers and faculty in a collaborative environment that promotes mentorship, professional development, and networking. The reception reflects the ARS commitment to education, scholarship, and the development of future leaders in rhinology. We look forward to welcoming trainees, mentors, and members to this exciting event.

7:00 pm – 8:30 pm

President's Reception

Rendezvous Court

Friday, October 16, 2026

Breakout Room B

Emerald Room

1:00 pm – 5:00 pm

Room Moderator: Raj Sindwani, MD, FARS

*Session Moderators: Michael Kohanski, MD, FARS;
Arthur Wu, MD, FARS*

1:00 pm – 1:06 pm

Immunological characterization of sinonasal tissue

Phillip Richards, MD

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1:07 pm – 1:13 pm

Single-cell analysis of AR+ tonsillar hypertrophy reveals altered germinal center responses

Won Jun Noh, MD

1:14 pm – 1:20 pm

Rituximab initiation timing and otolaryngologic outcomes in GPA

Ismail Khaderi, BS

1:21 pm – 1:27 pm

PM2.5 and acute rhinosinusitis incidence

Yen Ting Lu, MD, PhD

1:28 pm – 1:34 pm

Structured histopathology of neutrophilic chronic rhinosinusitis

Harrison Poeszat

1:35 pm – 1:40 pm

Q&A

Session Moderators: Kristine Smith, MD, FARS; Stephanie Smith, MD

1:41 pm – 1:47 pm

Neutrophilic inflammation and treatment burden in type 2 chronic rhinosinusitis with nasal polyps

Larry Wang, MS

1:48 pm – 1:54 pm

Eosinophil peroxidase activity and protein show distinct associations in CRS inflammation

Christian Caceres, MD

1:55 pm – 2:01 pm

Pathways and metabolites in nasal mucus distinguish CRS subtypes

Marisa Griesel

2:02 pm – 2:08 pm

CRS inflammation reduction using LBP

Ahmed Abdelgawad, MD, PhD

2:09 pm – 2:15 pm

Q&A

2:15 pm – 2:45 pm

PANEL: Recalcitrant CRS Without Polyps: Still Not Better...Now What?

Moderator: Regan Bergmark, MD, FARS

Panelists: Fuad Barody, MD, FARS; Chadi Makary, MD, FARS; Warren Mullings, MD; Prof. Alkis Psaltis, MBBS (hons), PhD, FRACS (ORL); Lindsay Ryan, MD

2:45 pm – 3:15 pm

Break with Exhibitors in Regency

Session Moderators: Victoria Lee, MD, FARS; Dennis Tang, MD, FARS

3:15 pm – 3:21 pm

Novel 3D printed “smell-aids” to improve olfactory function in post COVID-19 era

Joanne Xu

3:22 pm – 3:28 pm

OCT for in vivo identification of olfactory neuroepithelium: Proof-of-concept study

Yi-Tsen Lin, MD, PhD

3:29 pm – 3:35 pm

Local immune cell signatures underlying response to platelet-rich plasma for post-viral smell loss

Vivienne Li, BA

3:36 pm – 3:42 pm

Rat model for nose-to-brain delivery to the CNS

Anisha DSouza, PhD

3:43 pm – 3:46 pm

Q&A

Session Moderators: Do-Yeon Cho, MD; Nyssa Farrell, MD

3:47 pm – 3:53 pm

Swab derived eosinophil peroxidase activity identifies eosinophilic chronic rhinosinusitis

Evan Marsh, BS

3:54 pm – 4:00 pm

Nano-plastics exposure in a murine model induce nasal inflammation and p-STAT1 activation

Pallavi Madhusudanan, PhD

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4:01 pm – 4:07 pm

Host-microbe network analysis indicates loss of homeostasis as a hallmark of chronic rhinosinusitis

Vijay Ramakrishnan, MD, FARS

4:08 pm – 4:14 pm

Sinonasal microbiotyping and proteomic endotyping in CRS: An integrated multi-omic analysis

Steven Chen, MD, PhD

4:15 pm – 4:20 pm

Q&A

4:20 pm – 5:00 pm

PANEL: Inside the Review Room: A Mock Grant Review for Industry-Sponsored NIH-Style Research Proposals

Moderator: Murugappan Ramanathan, Jr., MD, FARS
Panelists: Benjamin Bleier, MD, FARS; Stella Lee, MD, FARS; Zachary Soler, MD, FARS

5:00 pm – 6:30 pm

RAPPers Event

Athenian Room

5:00 pm – 6:30 pm

Poster Mentorship Session

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Moderator: Christopher Roxbury, MD, FARS
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7:00 pm – 8:30 pm

President’s Reception

Rendezvous Court

Friday, October 16, 2026

Breakout Room C

Gold Room

1:00 pm – 5:00 pm

Room Moderator: Jivianne Lee, MD, FARS

1:00 pm – 1:30 pm

PANEL: “Biologics: Our Current Consensus on Usage”

Moderator: Jivianne Lee, MD, FARS

Panelists: Amber Luong, MD, PhD, FARS; Christopher Roxbury, MD; Neville Teo, MBBS, MRCS, MMed (ORL); Kevin Welch, MD, FARS; Adam Workman, MD

Session Moderators: Edward Kuan, MD, FARS; Corrina Levine, MD, FARS

1:30 pm – 1:36 pm

Genetic and molecular alterations on clinical outcomes in sinonasal squamous cell carcinoma
Srivatsa Surya Vasudevan, MD, MS

1:37 pm – 1:43 pm

Impact of high-volume steroid irrigation on inverted papilloma recurrence
Lirit Levi, MD

1:44 pm – 1:50 pm

Appropriate follow-up period for asymptomatic post-treatment sinonasal squamous cell carcinoma
Phatchara Ruampattana, MD

1:51 pm – 1:57 pm

Nivolumab confers survival benefit in recurrence sinonasal melanoma
Shweta Anand, MBBS, MS

1:58 pm – 2:04 pm

Sinonasal and skull base tumors: Next generation sequencing
Allison Rollins, MD

2:05 pm – 2:10 pm

Q&A

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Session Moderators: Leah Hauser, MD, FARS; Jose Mattos, MD, FARS

2:11 pm – 2:17 pm

Acoustic quantification of nasal patency

Jacob Johnson, MD

2:18 pm – 2:24 pm

Computer vision-based dynamic CT updates during ESS

Graham Harris, BA

2:25 pm – 2:31 pm

Mucosal sensitivity to air-jet among patients with turbinate hypertrophy and/or septoplasty

Kanghyun Kim, BS

2:32 pm – 2:38 pm

5-year psychological dysfunction outcomes after endoscopic sinus surgery for chronic rhinosinusitis

Allen Zhou, MD

2:40 pm – 2:45 pm

Q&A

2:45 pm – 3:15 pm

Break with Exhibitors in Regency

3:15 pm – 3:55 pm

PANEL: “Practice Selection: Which Setting is Best for You?”

Moderator: Erin Lopez, MD, FARS

Panelists: Greg Davis, MD, FARS; Doug Farqhar, MD; Jessica Grayson, MD; Katie Melder, MD

Session Moderators: Meha Fox, MD, FARS; Chadi Makary, MD, FARS

3:56 pm – 4:02 pm

National trends in rhinology fellowship training

Samuel E. Razmi, MD, Meng

4:03 pm – 4:09 pm

Rhinology fellowship training in the United States: Insights from a national survey

Daniel Spielman, MD

4:10 pm – 4:16 pm

Gender differences in coding and procedural ratios among academic rhinologists

Abigail Homan

4:17 pm – 4:23 pm

Aging and frailty are drivers of purulence and microbial culture results in chronic rhinosinusitis

Jisue Kang, BA

4:24 pm – 4:30 pm

Q&A

Session Moderators: Naweed Chowdhury, MD; Patricia Loftus, MD, FARS

4:31 pm – 4:37 pm

Infant nasal microbial and clinical signatures linked to early neurodevelopment

Maximilian Bailey, MSc

4:38 pm – 4:44 pm

Early life determinants of the pediatric nasal microbiome in rural Bangladesh

Maximilian Bailey, MSc

4:45 pm – 4:51 pm

Nickel exposure and CRS severity: A Lund-Mckay analysis

Victor M. Arechiga, BA

4:52 pm – 4:58 pm

Military exposures and CRS

Conner Massey, MD

4:58 pm – 5:00 pm

Q&A

5:00 pm – 6:30 pm

RAPPers Event

Athenian Room

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5:00 pm – 6:30 pm

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7:00 pm – 8:30 pm

President’s Reception
Rendezvous Court

Saturday, October 17, 2026

General Session – Biltmore Bowl

8:00 am – 12:00 pm

Room Moderator: Marc Dubin, MD, FARS

Session Moderators: Kara Detwiller, MD, FARS; Nyall London, MD, FARS

8:00 am – 8:06 am

The completion of surgery index (CoSI): A multi-institutional study of surgical adequacy

Alan Workman, MD, MTR

8:07 am – 8:13 am

Integration of structured histopathology with the completeness of surgery index in CRSwNP patients

Vidit Talati, MD, MS

8:14 am – 8:20 am

Application and validation of the novel completion of surgery index (COSI)

Shweta Anand, MBBS, MS

8:21 am – 8:27 am

Assessing surgical extent before biologic therapy for CRSwNP

Alison Yu, MD

8:28 am – 8:34 am

Extent of sinus surgery is associated with disease control in biologic treated type-2 dominant CRS

Nicholas Campion, MBChB, PhD

8:35 am – 8:40 am

Q&A

8:40 am – 9:00 am

ARS Business Meeting & President Citations / MOU Signing with Canada

Amber Luong, MD, PhD, FARS; Brent Senior, MD, FARS

9:00 am – 9:30 am

Break with Exhibitors in Regency

9:30 am – 10:30 am

David W. Kennedy Lectureship

Guest Speaker: Michael Sillers, MD, FARS

“From Nasal Astronomer to Skull Base Surgeon and Beyond: How Innovation and Collaboration Have Launched Modern Rhinology”

Session Moderators: Garret Choby, MD, FARS; Chris Davis, MD, FARS

10:31 am – 10:37 am

Ablation therapies for chronic rhinitis: A randomized comparative study

Benjamin Bernard, MD

10:38 am – 10:44 am

Real world outcomes of posterior nasal nerve ablation across multiple devices

Akshay Prabhakar, BSA

10:45 am – 10:51 am

Clinical outcomes after repeat posterior nasal nerve interventions

Justina Varghese, BA

10:52 am – 10:58 am

Transoral neuromodulation for the treatment of nasal congestion

Abhiram Cherukupalli, MD, MHSc, MSE

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10:59 am – 11:05 am

A novel non-invasive wearable nasal aid to relieve nasal obstruction symptoms among broad patients

Kai Zhao, PhD

11:06 am – 11:10 am

Q&A

11:10 am – 12:00 pm

PANEL: “Everything I Need to Know That I DIDN’T Learn in Kindergarten...or Residency...or Fellowship

Moderator: Tran Locke, MD, FARS

Panelists: Kara Detwiller, MD; Leah Hauser, MD; Michael Kohanski, MD; Tyler Merrill, MD

12:00 pm

Meeting Concludes

10:10 am – 11:00 am

Updates on Olfactory Dysfunction

Speaker: Alyssa Acevedo

11:00 am – 11:05 am

Q&A

11:05 am – 12:00 pm

Panel: It Takes a Team: APPs and Rhinologists in Contemporary Practice

Moderator: Emily Moldoff, FNP-C

Panelists: Kathleen Low; James Palmer, MD, FARS; Christine Reger, FNP-C

12:00 pm

Meeting Concludes

Saturday, October 17, 2026

Breakout 1

Emerald Room

8:00 am – 12:00 pm

8:00 am – 8:30 am

The Nose Knows: Clues to Autoimmune Disease in Rhinology

Speaker: Meghan Norris, PA-C

8:30 am – 8:35 am

Q&A

8:35 am – 9:00 am

AERD: Aligning Surgical and Medical Care for Optimal Outcomes

Speaker: Christine Reger, FNP-C

9:00 am – 9:05 am

Q&A

9:05 am – 9:35 am

Break with Exhibitors in Regency

9:35 am – 10:05 am

Nose-talgia: Turning the Page on Chronic Rhinitis

Speaker: Jane Wang, FNP-C

10:05 am – 10:10 am

Q&A

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Posters

Regency Room

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5:00 p. - 6:30 pm

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Poster #A001

A case report of total lower lip reconstruction using bilateral nasolabial flap: A sandwich technique

Vishwadeep Khidiya, MS

Poster #A002

A multidisciplinary surgical approach for complex lateral frontal inverted papilloma

Janice Chung, MD

Poster #A003

A new incisionless technique to manage depressed frontal sinus fracture

Mohsen Naraghi, MD, FARS

Poster #A004

A novel minimally invasive balloon septoplasty for nasal airway obstruction

Nathan Barefoot, BS

Poster #A005

Adverse events associated with external nasal dilator use: Analysis of the MAUDE database

Nolan Holbrook, BS

Poster #A006

Aesthetic–functional rhinoplasty paradox

Gaity Wahab, BS

Poster #A007

AI assisted turbinate reduction for surgical planning

James Mihalich, PhD

Poster #A008

AI versus physician diagnosis and management in rhinology

Mitchell Figueroa, BA

Poster #A009

AI-based morphometric outcomes in rhinoplasty: Systematic review and meta-analysis

Emily Uyen Thai, BS

Poster #A010

AI-generated versus traditional patient education materials in rhinologic surgery

Ido Badash, MD

Poster #A011

Air quality and epistaxis emergency department visits

Alexis Hamon, BS

Poster #A012

Analysis of comorbidities in olfactory dysfunction

Isaac Elijah

Poster #A013

Analyzing temporal variations in SNOT-22 scores prior to otolaryngology clinic visits

Sarah Loheide, MD

Poster #A014

Antifungal treatment & survival outcomes in invasive fungal sinusitis

Nidhi Jha, BA

Poster #A015

Asymptomatic isolated sphenoid sinusitis

Matthew Ryan, MD

Poster #A016

Augmented reality in endoscopic skull base surgery

Ibtisam Mohammad, MD

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Poster #A017

Automated segmentation-guided estimation of skull base slope angles using deep learning

Ryan Henn, BA

Poster #A018

Ballistic gel model for preclinical assessment of eustachian tube dilation safety

Gustavo Hernandez

Poster #A019

Bevacizumab reduces epistaxis-related ablation burden in hereditary hemorrhagic telangiectasia

Nathan Barefoot, BS

Poster #A020

Biologic safety in type 2 inflammation: Machine learning analysis of FAERS

Jonathan Zou, BA

Poster #A021

Biologics vs surgery in CRSwNP

Ibtisam Mohammad, MD

Poster #A022

Biphenotypic sinonasal sarcoma: A systematic review

Ng Yong Hong, MBBS (NUS), MRCS (Ireland)

Poster #A023

Bleomycin sclerotherapy for treatment of epistaxis in hereditary hemorrhagic telangiectasia

Helia Mansouri Dana, BSc, MD Candidate

Poster #A024

BMI and BSA impacts on CRS

Teresa Zheng, BS

Poster #A025

Burden of allergic rhinitis in adults with Cystic Fibrosis and chronic rhinosinusitis

Emily Stoller, BA

Poster #A026

Categorical improvements in NC/LoS with Dupilumab in patients with CRSwNP: AROMA registry results

David Jang, MD, FARS

Poster #A027

Chronic rhinosinusitis after Ocrelizumab therapy: Incidence, timing, and associated clinical factors

Amanda Godoi, MD

Poster #A028

Chronic rhinosinusitis management in transplant patients

Michael Keller, BS

Poster #A029

Clinical characteristics, treatment, and survival in skull base metastases

Kaila Ting

Poster #A030

Clinical course, management, and outcomes of sinonasal fibrous dysplasia

Steffen Osborn

Poster #A031

Clinically meaningful improvements in patient reported outcomes with Dupilumab vs placebo in AFRS

Thomas Edwards, MD

Poster #A032

CNN vs. GNN for automated nasal septal perforation detection on CT

Michael Sramek, MD

Poster #A033

Combined endonasal and trans-orbital approach for resection of a medial apical orbital mass

Kevin Jacob, MD

Poster #A034

Comorbid type 2 disorders do not impact AERD severity and outcomes

Tyson Pace

Poster #A035

Comparative safety of biologics in CRSwNP

Ibtisam Mohammad, MD

Poster #A036

Comparing MRI scoring methods to characterize early sinonasal disease in pediatric Cystic Fibrosis

Nina Wade

Poster #A037

Comparison of postoperative pain in patients with and without OSA following ESS

Nader Zalaquett, MD

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Complications of reconstructive surgery in infants with congenital arrhinia

JaVaughn King, BS

Poster #A039

Computer vision techniques for automated eosinophil detection in CRSwNP: A scoping review

Malek Sibai

Poster #A040

Computer vision telemetry for surgical workflow analysis during endoscopic sinus surgery

Corinne Stonebraker, BA

Poster #A041

Cost analysis of in-office vs OR sinus surgery for CRS in Canada's publicly funded healthcare system

Samuel Tholl, BMSc, MD student

Poster #A042

Cost-effectiveness of hemostatic agents in prevention of postoperative epistaxis

Margaret Mitchell, MD, MS-HPEd

Poster #A043

CRS impacts quality of life independent of comorbid mental health in the AoU database

Kevin Ma, BS

Poster #A044

CRSwNP prevalence and incidence in adults and adolescents from 2016–2024

Lauren Peetluk, PhD, MPH

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CT-NAO: An automated CT score for nasal airway obstruction

Shady Soliman, MD, MS

Poster #A046

Cystic Fibrosis mutation classes predict sinonasal and olfactory specific quality of life

Michael Xiang, BA, MA

Poster #A047

Deep learning-driven identification of onodi cells on sinus CT

Jamie Oliver, MD

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Delays in care and chronic rhinosinusitis disease severity

Laura Wild, Medical Student

Poster #A049

Demographic disparities in diagnosis and treatment of anxiety and depressive disorders in CRS

Connie Tian, BS

Poster #A050

Diagnostic characteristics of preoperative imaging for dural involvement in sinonasal and ventral skull base malignancies

Michelle Antony, BS

Poster #A051

Discrepancies between SNOT-22 and objective assessments in CRSwNP

Elchanan Zloczower, MD, MHA

Poster #A052

WITHDRAWN

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Diversity in otolaryngology device clinical trials

Jaladhija Chalichama, BS

Poster #A054

Does frontal sinus disease severity influence postoperative quality of life in CRSwNP?

Mohsen Naraghi, MD, FARS

Poster #A055

Does smell test choice matter in CF patients?

Shannon Robins, MD

Poster #A056

Draf-III with steroid-eluting stents: Symptomatic and endoscopic outcomes in chronic rhinosinusitis

Kyle Richard Betancourt, BS

Poster #A057

Dupilumab and revision ESS trends in CRSwNP

Tyler Jung, BS

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Dupilumab effectiveness through 24 months in patients from the United States with CRSwNP in AROMA

Chris Davis, MD, FARS

Poster #A059

Dupilumab efficacy by prior surgery in patients with CRSwNP and asthma: EVEREST study results

Claire Hopkins, MBChB, PhD

Poster #A060

Dupilumab improves SNOT-5 responses versus Omalizumab in patients with CRSwNP: EVEREST study results

Claire Hopkins, DMBChB, PhD

Poster #A061

Dupilumab tapering in CRSwNP: A systematic review

Alisha Suri, BSc

Poster #A062

Ecological analysis of sinonasal & nasopharyngeal cancer mortality & historical redlining practices

Amanda Hernandez, BA

Poster #A063

Endoscopic skull base surgery post-operative complication rates: A national database analysis

Nicholas Sawicki, BA, MSc Candidate

Poster #A064

Endoscopic-guided resection of maxillary ameloblastoma: A case series

Helia Mansouri Dana, BSc, MD Candidate

Poster #A065

Endotype-guided CRS: Role of polyps & asthma

Linda Liu, MD

Poster #A066

Engineering an accessible simulation-based platform for flexible nasopharyngoscopy skill development

Ashish Dahal, BA

Poster #A067

ENT consults for nasal fractures in multi-trauma at a level I trauma center

Minju Kim, MD

Poster #A068

Environmental exposures, chronic sinusitis, and olfaction in people with Cystic Fibrosis

Larissa Nicolas, MPH

Poster #A069

Ergonomic injury in rhinologic surgery

Ibtisam Mohammad, MD

Poster #A070

ESS is associated with lower incident depression, anxiety, and insomnia in CRSwNP

Haeun Jung, BA

Poster #A071

Evolution of AERD care: A 2017–2023 trend analysis of biologic therapy vs. aspirin desensitization

Aakriti Mathur, BS

Poster #A072

Evolving cause of mortality in sinonasal malignancy

George Ashji, BS

Poster #A073

Ewing's sarcoma and recurrent epistaxis

Kushal Modi, BS

Poster #A074

False positive beta-2 transferrin in a patient with rhinorrhea

Noah Overbeck, BS

Poster #A075

Features of chronic rhinosinusitis in Somali patients

Saahiti Denduluri, BA

Poster #A076

Frailty metrics fail to predict ESS outcomes in CF population

Alec Straughan, MD

Poster #A077

From loss to distortion: Post-COVID parosmia

Jennifer Anyanwu

Poster #A078

From piercing to PEComa: Lessons from a rare sinonasal malignancy

Mohamed Fawaz, Medical Student

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Global patterns of CRS presentation and management

Mitchell Figueroa, BA

Poster #A080

GLP-1 RA use linked to smell/taste changes in overweight & obese patients by BMI

Pablo Llerena, MD-PGY-2

Poster #A081

GLP-1 receptor agonists in CRSwNP: Clinical outcomes and mechanisms

Yehya Maitah, BS

Poster #A082

Health disparities in endoscopic skull base surgery: A scoping review

Esther Lee

Poster #A083

Hemostasis at what cost?

Ibtisam Mohammad, MD

Poster #A084

High-risk zip code and survival in endoscopically resected SNSCC

Rijul S. Kshirsagar, MD

Poster #A085

Hyalohyphomycotic vs. non-hyalohyphomycotic invasive fungal sinusitis in heme malignancies

Tejas Athni

Poster #A086

Imaging findings associated with persistent IIH after CSF leak repair

Nadine Javier, BS

Poster #A087

Impact of sinus surgery on nitric oxide concentration in the maxillary sinus

Jessica Chan, BS

Poster #A088

Improvements in symptoms and sense of smell with tezepelumab in severe, uncontrolled CRSwNP

Jean-Pierre Llanos, MD

Poster #A089

Inhaled methoxyflurane vs placebo for outpatient sinus procedures: A double-blind RCT

Helia Mansouri, BSc, MD Candidate

Poster #A090

Intranasal lidocaine with epinephrine: Rare but catastrophic complications

Ibtisam Mohammad, MD

Poster #A091

Intra-orbital gas as a marker of aggressive orbital infection

Shriya Airen, MD

Poster #A092

Maxillary balloon dilation for odontogenic sinusitis: A multi-institutional case series

Young I. Kim, BSA

Poster #A093

Mepolizumab improves nasal symptoms and olfactory function in CRSwNP: interim data from REALITI-N

Elisama Baisch, MD

Poster #A094

Mepolizumab improves work productivity and HRQoL in CRSwNP: REALITI-N at 3 and 6 months

Elisama Baisch, MD

Poster #A095

Modified Draf IIc vs. Draf III outcomes in CRS patients

Mina Motasaddizarandy

Poster #A096

Mucocele histopathology

John Paul Arios, Medical Student

Poster #A097

Mucocele of the OCR presenting as CN VI Palsy

Hector Perez, MD

Poster #A098

Multi-institutional evaluation of non-rhinogenic headache associated with rhinitis symptoms

Jinny Choi, Medical Student

Poster #A099

Nasal airway obstruction – Influence on athletic performance in elite athletes

Jack Gillespie, Research Coordinator

Poster #A100

Nasal airway optimization as a gatekeeper to obstructive sleep apnea treatment

Ibtisam Mohammad, MD

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Nasal swab immune profiling defines CRS immunotypes by spectral cytometry

Farhoud Faraji, MD, PhD

Poster #A102

Nasal tumoral calcinosis in end-stage renal disease

Victor M. Arechiga, BA

Poster #A103

Nodal burden predicts survival in sinonasal neuroendocrine carcinoma

Brandon Tapasak, MD

Poster #A104

Olfactory testing and treatment practices among rhinologists

Leigh Sowerby, MD

Poster #A105

One-year outcomes of ESS with short-term Dupilumab in type 2 CRSwNP

Chin-Nung Liu, MD

Poster #A106

Outcomes of aspirin desensitization vs. biologic therapy in AERD

Tyson Pace

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Outcomes of ESS for CRS in PCD: A systematic review

Justin Raucheisen, Medical Student

Poster #A108

Patient global impression of disease change and severity with dupilumab vs placebo in AFRS

Thomas Edwards, MD

Poster #A109

Patient reported outcomes and minimal clinically important difference after endoscopic DCR

Hoang Bui-Nguyen, MD

Poster #A110

PDE2a inhibition reduces nasal tuft cell calcium signaling and IL-25 release

Kyle Polen, BS

Poster #A111

Pediatric acute complicated sinusitis with orbital superior/lateral subperiosteal abscess outcomes

Avishi Singh, BS

Poster #A112

Pediatric AFRS recurrence: A systematic review and meta-analysis

Shravan Patel, BS

Poster #A113

Pediatric endoscopic skull base surgery

Ibtisam Mohammad, MD

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Post op complications and ICU utilization after EETS

Fahad Hasnain, MD

Poster #A116

Postoperative outcomes following endoscopic sinus surgery under TIVA vs IA

Peter Benjamin, BS

Poster #A117

Postoperative pain after septoplasty and ESS

Ibtisam Mohammad, MD

Poster #A118

Post-rhinoplasty obstruction discordance

Gaity Wahab, BS

Poster #A119

Predicting response to Mepolizumab: A clinical and transcriptomic analysis

Leandra Mfuna Endam, Research Coordinator

Poster #A120

Predictors of complications and CSF leak in endoscopic endonasal skull base surgery: 10-year study

Neeraj Suresh, MD

Poster #A121

Predictors of early postoperative complications following FESS

Ismail Khaderi, BS

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Predictors of refractory CRS after FESS

Ismail Khaderi, BS

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Prescribing practices of intranasal corticosteroids for chronic rhinosinusitis amongst United States

Dennis Menjivar

Poster #A124

Prognostic implications of p16 and HPV discordance in sinonasal squamous cell carcinomas

Ralph Abi Hachem, MD

Poster #A125

Progress in biologic therapy for CRSwNP: A 3-year educational analysis

Jennifer Boyd, MBA, CHCP

Poster #A126

Psmammomatoid ossifying fibroma with skull base extension: Case report and literature review

Andrew Belilos, BS

Poster #A127

Psychological dysfunction and 5-year general health outcomes after endoscopic sinus surgery

Allen Zhou, MD

Poster #A128

Racial differences in pediatric allergic rhinitis diagnosis and management

Abigail Contello, BS

Poster #A129

Real-world effectiveness of Dupilumab in CRSwNP

Sarah K. Wise, MD, FARS

Poster #A130

Real-world evaluation of polyp and symptom burden at time of biologic prescription for CRSwNP

Joshua Smith, MD

Poster #A131

Referral patterns and survival in sinonasal SCC

Jacob G. Eide, MD, FARS

Poster #A132

Reversible smell loss in allergic rhinitis: Clinical insights and therapeutic implications

Dr. Md Aqiv Javed, DO, FICS

Poster #A133

Revision rates following inferior turbinate reduction surgery

Shahid Iqbal

Poster #A134

Rhinosinusitis in adults on immunomodulating therapies: A scoping review

Obadah Tolaymat, Medical Student

Poster #A135

Rhinosinusitis in adults with autoimmune diseases: A scoping review

Tyler Wanstreet, MD

Poster #A136

Risk of endoscopic sinus surgery post-solid organ transplantation

Michael Keller, BS

Poster #A137

Safety and efficacy of a novel radiofrequency device for submucosal turbinate reduction

Dr. Tal Marshak, MD

Poster #A138

Selecting medical vs procedural therapy for vasomotor rhinitis

Ibtisam Mohammad, MD

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Septoplasty reimbursement in California

Layla Ali, BA

Poster #A140

Serous versus mucinous submucosal gland density in chronic nonallergic or mixed rhinitis

Emmanuel Meram, BS

Poster #A141

Severe complications after neoadjuvant ipilimumab/nivolumab for sinonasal mucosal melanoma

Ibtisam Mohammad, MD

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Single institution evaluation of CSF leaks in non-pituitary suprasellar, ACF, and PCF pathology

Kristen Zayan, MD

Poster #A143

Sinonasal adenosquamous carcinoma: Experience and treatment outcomes

Narin Carmel, MD, MSc

Poster #A144

Sinonasal and skull base manifestations of IgG4-related disease: A case series and literature review

Carolina Arcoverde, MD

Poster #A145

Sinonasal outcomes after endoscopic endonasal orbital decompression for thyroid eye disease

Laura Cho

Poster #A146

Sinusitis after zygomatic implants: Radiographic findings and outcomes

Peter Giannaris

Poster #A147

SNOT-22 changes during AECRS

Keeler Kime, BS

Poster #A148

Socioeconomic factors and biologic use in CRSwNP

Afi Kole, BA, MS

Poster #A149

Socioeconomic factors and dental access in odontogenic sinusitis

Peter Giannaris

Poster #A150

Stretcher utilization as a modifiable driver of surgical turnover time in sinonasal surgery

Lauren Schlegel, MD

Poster #A151

Surgical extent and post-op surveillance in invasive fungal sinusitis

Nidhi Jha, BA

Poster #A152

Surgical extent scoring in endoscopic sinus surgery: A scoping review

Alexander Lein, MD

Poster #A153

Survey on epistaxis after posterior nasal nerve ablation

Jacob Schwartz, Medical Student

Poster #A154

SVI influence on CRS severity

Phillip Richards, MD

Poster #A155

Symptoms characteristics in GERD and sinonasal complaints

Ryan Ziltzer, MD, MPH

Poster #A156

Targeted review on disease burden in AFRS

Aakash Gandhi, Dr.

Poster #A157

Temporary visual impairment and ophthalmoplegia after intranasal anesthetic infiltration

Aman Singh

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Tezepelumab improves nasal airflow in adults with uncontrolled CRSwNP from WAYPOINT

Andrew Lane, MD, FARS

Poster #A159

Tezepelumab reduces sinus inflammation and opacification in adults with CRSwNP from WAYPOINT

Joseph Han, MD, FARS

Poster #A160

The behavioral impact of alcohol sensitivity in AERD

Noah Braunstein, Clinical Research Coordinator

Poster #A161

Timing of biologic therapy relative to initial ESS for CRSwNP

Tushar Shenoy

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Topical antibiotic irrigation efficacy in refractory chronic sinusitis

James Widner, BS

Poster #A163

Treatment of nasal airway obstruction in austere environments

Jack Gillespie, Research Coordinator

Poster #A164

Underreporting of olfactory dysfunction

Isaac Elijah

Poster #A165

Utilization of posterior nasal nerve ablation among Medicare beneficiaries, 2014-2024

Jeffrey Bellinger, MD

Poster #A166

Validity of diagnosing acute bacterial rhinosinusitis by history alone

Ethan Hicks

Poster #A167

Video-based intervention for rhinologic instrumentation training

Corinne Negvesky, BS



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Housing: [ARS at Biltmore Los Angeles](#)

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The Biltmore Los Angeles Hotel
Los Angeles, CA

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- Annual David Kennedy Lectureship
 - Guest Speaker: Michael Sillers, MD, FARS
- Annual Hwang Family Lectureship
 - Guest Speaker: Sarah Wise, MD, FARS
- Symposia Sessions • Fall Film Festival
- Guest Countries - Australia, Brazil, Malaysia, Singapore
- President's Reception • Section Events



Registration and Housing to open August 2026

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April 9-10, 2027
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Seattle, WA

ARS 16th
Summer Sinus Symposium
July 15-17, 2027
Omni Interlocken Hotel,
Broomfield, CO

ARS 73rd Annual Meeting
September 16-18, 2027
Hyatt Regency New Orleans Hotel
New Orleans, LA

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