

PRESENTATIONS - PROGRAM AT-A-GLANCE

MEETING HIGHLIGHTS

- 2 days, 2 afternoon breakout sessions
- 76 oral scientific presentations
- Over 170 poster presentations
- Keynote session on Cybersecurity - featuring lessons learned from a recent attack of ENT practice
- Skull Base and Orbital Surgery Section - Breakfast symposium focused on developing an early career skull base practice
- Women in Rhinology Breakfast Roundtable Session
- Maximum of 9.5 AMA PRA Category 1 Credit(s)[™]
- Four 45-min panels highlighting:
 - Artificial Intelligence in rhinology
 - Taking research ideas to products and companies
 - Allergic fungal rhinosinusitis
 - Advances to approaches to skull base outside of the nasal cavity
- Focused panels featuring:
 - Common coding errors
 - Immunomodulators and autoimmune disease; risk of developing CRS?
 - Perioperative care for ESS
 - Environment and epigenetic modifications in CRS

Friday, May 16, 2025

ARS Board of Directors Meeting

1:00 pm – 4:00 pm

Room: Celestin GH

ARS Poster Viewing

9:00 am – 7:00 pm

Elite Hall (Exhibit Hall)

Combined Poster Reception

5:30 pm – 7:00 pm

Elite Hall (Exhibit Hall)

Saturday, May 17, 2025

ARS Poster Viewing

9:00 am – 4:00 pm

Elite Hall (Exhibit Hall)

Saturday, May 17, 2025

Morning Session – Celestin D

8:00 am – 12:00 pm CST

8:00 am – 8:05 am

Welcome

Kevin Welch, MD, FARS, ARS President; Amber Luong, MD, PhD, FARS, ARS President-Elect and Program Chair

Oral Presentations – Top Basic Science

Moderators: Michael Kohanski, MD, PhD, FARS; Edward Kuan, MD, FARS

8:05 am – 8:13 am

Ginsenoside Rb2, TMEM16A channel potentiator: A promising therapeutic strategy for CF sinusitis

Do-Yeon Cho, MD

8:14 am 8:22 am

Interferon signaling and post-Influenza olfactory dysfunction

Carol Yan, MD

8:23 am – 8:31 am

Chronic rhinosinusitis endotyping insights through factor analysis

Brooke Gleason

8:32 am – 8:40 am

Dupilumab initiation associated with differential gene expression in CRSwNP

Christina Dorismond, MD, MPH

8:41 am – 8:49 am

PM 2.5 associated transcriptional pathways

Rory Lubner, MD

8:50 am – 8:55 am

Q&A

8:56 am – 9:05 am

Awards Ceremony

Jean Kim, MD, PhD, FARS

9:05 am – 9:45 am

PANEL: The role of artificial intelligence in advancing rhinology: Clinical applications and educational transformation

Moderator: Bobby Tajudeen, MD, FARS

Panelists: Edward McCoul, MD, FARS; Zara Patel, MD, FARS; Sanjeet Rangarajan, MD, FARS

9:45 am – 10:15 am

Break with Exhibitors

Oral Presentations – Top Clinical Science

Moderators: Stella Lee, MD; William Yao, MD, FARS

10:15 am – 10:23 am

Initial results of a double-blinded, randomized controlled trial of EDS-FLU for chronic ETD

Arthur Wu, MD, FARS

10:24 am – 10:32 am

Evaluating surgical field clarity and cost in endoscopic sinus surgery

Kurt Mueller, MD

10:33 am – 10:41 am

Characterizing the genomic landscape of sinonasal inverted papilloma

Jacquelyn Callander, MD

10:42 am – 10:50 am

PM2.5 CRS inflammatory endotyping

Daniel Lofgren, DO

10:51 am – 10:59 am

Invention of “smell aids”

Kai Zhao, PhD

11:00 am – 11:05 am

Q&A

11:05 am – 11:55 am

PANEL: Concept to Company: Navigating the Journey from Research to Entrepreneurship

Moderator: Greg Davis, MD, FARS

Panelists: Peter Hwang, MD, FARS; Sujuana Chandrasekhar, MD; Brandon McCutcheon, MD

Supported by the Research Grants Committee and Rhinologists in Private Practice Section

11:55 am – 12:00 pm

Q&A

12:00 pm – 1:00 pm

Lunch with Exhibitors

Saturday, May 17, 2025

Afternoon Session – Celestin D

1:00 pm – 5:00 pm CST

Room Moderators: Christopher Le, MD, FARS; Chadi Makary, MD, FARS

Scientific Oral Presentations:

Moderators: Naweed Chowdhury, MD; Carol Yan, MD

1:00 pm – 1:06 pm

TRMs, TLS, and type 2 cytokine production in CRSwNP

Tolani Olonisakin, MD, PhD

1:07 pm – 1:13 pm

Nitric oxide synthase expression patterns within the sinonasal tract

W. Jared Martin, BA

1:14 pm - 1:20 pm

Elevation of alarmin cytokines in chronic rhinosinusitis

Sarah Almas, MD

1:21 pm – 1:27 pm

Histopathologic features of eosinophilic vs mixed eosinophilic-neutrophilic chronic rhinosinusitis

Evan Patel, MS

1:28 pm – 1:34 pm

Impact of obesity on the structured histopathology of chronic rhinosinusitis patients

Daniel Ma, BS

1:35 pm – 1:40 pm

Q&A

1:41 pm – 2:04 pm

PANEL: Epigenetic changes in CRS: An unfortunate melding of genetics and environment

Moderator: Devyani Lal, MD, FARS

Panelists: Naweed Chowdhury, MD; Jayant Pinto, MD

Sponsored by the Women in Rhinology Section

Moderators: Victoria Lee, MD, FARS; Nicholas Rowan, MD

2:05 pm – 2:11 pm

ICIs and type 2 inflammatory signatures: Clues on immunologic mechanisms of airway inflammation

Jonathan Zou, BA

2:12 pm – 2:18 pm

Glycosaminoglycans for chronic rhinosinusitis treatment

Fatemeh Zarei Haji Abadi, PharmD

2:19 pm – 2:25 pm

Use of macrolide therapy for the presence of neutrophils on structured histopathology

Alison Yu, MD

2:26 pm – 2:32 pm

Preclinical validation of nasal epithelial stem cell grafting as a therapeutic approach

Do-Yeon Cho, MD

2:33 pm – 2:39 pm

Endoscopic transnasal sphenopalatine ganglion block for chronic craniofacial pain

David Liu, MD, PhD

2:40 pm – 2:45 pm

Q&A

2:45 pm – 3:15 pm

Break with Exhibitors

Moderators: Philip Chen, MD, FARS; Theodore Schuman, MD, FARS

3:16 pm – 3:22 pm

Biomolecular analysis of novel cerebrospinal fluid-specific aptamers

Edward Kuan, MD, FARS

3:23 pm – 3:29 pm

Quantifying eosinophils in sinonasal tissue using optical coherence tomography

Ido Badash, MD

3:30 pm – 3:36 pm

External validation of a diagnostic prediction model for acute invasive fungal rhinosinusitis

Aviv Spillinger, MD

3:37 pm – 3:43 pm

Measuring observer attention to thyroid eye disease: What amount of proptosis is noticeable?

Forrest Fearington, BS

3:44 pm – 3:50 pm

Comparative insights into refractory chronic rhinosinusitis: Next-generation sequencing vs. conventional culture

Emily Moldoff, FNP-C

3:51 pm – 3:57 pm

MRI vs. CT in acute invasive fungal sinusitis: Mapping diagnostic accuracy across sinonasal subsites

Shreya Ramkumar, MD

3:58 pm – 4:04 pm

The use of ChatGPT in shared decision-making in rhinology: A randomized controlled trial

Omer Baker, BS

4:05 pm – 4:10 pm

Q&A

4:11 pm – 4:55 pm

PANEL: Allergic fungal rhinosinusitis: Current and future research directions

Moderator: Lauren Roland, MD

Panelists: Joshua Levy, MD, FARS; Amber Luong, MD, PhD, FARS; Sarah Wise, MD, FARS;

Supported by the Allergy in Rhinology and Women in Rhinology Sections

4:55 pm – 5:00 pm

Q&A

5:00 pm – 5:30 pm

Business Meeting

5:30 pm – 7:00 pm

ARS President's Reception

Room: Strand 10

Saturday, May 17, 2025

Concurrent Afternoon Session – Empire CD

1:00 pm – 5:00 pm CST

Room Moderators: Anthony Del Signore, MD, FARS; Charles Ebert, Jr., MD, FARS

Moderators: Garret Choby, MD, FARS; Jessica Grayson, MD

1:00 pm – 1:06 pm

Comparison of HPV-positive and HPV-negative sinonasal squamous cell carcinoma

Avraham Adelman, BS

1:07 pm – 1:13 pm

Fine particulate matter exposure and sinonasal malignancy

Zechariah Franks, MD, MPH

1:14 pm – 1:20 pm

Improved survival of HPV-related sinonasal squamous cell carcinoma with chemoradiation treatment

Jamie Oliver, MD

1:21 pm – 1:27 pm

Quality of life among pituitary adenoma patients with & without middle turbinectomy

Narin Nard Carmel Neiderman, MD MSc

1:28 pm – 1:34 pm

Cost implications of moving lumbar drain placement to IR from the OR

Chau Phung, BA

1:35 pm – 1:40 pm

Q&A

1:41 pm – 2:04 pm

PANEL: Variations in perioperative care in endoscopic sinus and skull base surgery: What is the evidence?

Moderator: Edward Kuan, MD, FARS

Panelists: Mindy Rabinowitz, MD, FARS; Christopher Roxbury, MD, FARS; Eric Wang, MD, FARS

Supported by the Quality Improvement Committee and Skull Base and Orbital Surgery Section

Moderators: Ashleigh Halderman, MD, FARS; Michael Marino, MD, FARS

2:05 pm – 2:11 pm

Vision-guided surgical navigation using computer vision for dynamic intraoperative imaging updates

Waleed M. Abuzeid, MD, FARS

2:12 pm – 2:18 pm

Transforming ENT surgical triage: A novel AI-driven approach to chronic sinusitis management

Bradford Bichey, MD, MPH

2:19 pm – 2:25 pm

Artificial intelligence-based prediction of surgical outcomes in chronic rhinosinusitis

Waleed M. Abuzeid, MD, FARS

2:26 pm – 2:32 pm

Automation of sinus system segmentation using neural networks

James Mihalich, HSD

2:33 pm – 2:39 pm

Performance of deep learning-based segmentation of the paranasal sinuses using computed tomography

Jack Paladin, BS

2:40 pm – 2:45 pm

Q&A

2:45 pm – 3:15 pm

Break with Exhibitors

Moderators: Mathew Geltzeiler, MD, FARS; Elisa Illing, MD, FARS

3:16 pm – 3:22 pm

Impact of stent duration following endoscopic DCR

Maya Hatley, BA

3:23 pm – 3:29 pm

Synthetic interposition grafting to prevent nasal septal perforation after bilateral apposing septal tears during septal surgery

Anthony Di Ponio, DO

3:30 pm – 3:36 pm

Persistent post-surgical sinonasal crusting: A CFD analysis

Persistent post-surgical sinonasal crusting: A computational fluid dynamics analysis

Nidhi Jha, BA

3:37 pm – 3:43 pm

Opioid prescribing for functional endoscopic sinus surgery

Robert Africa, MD

3:44 pm – 3:50 pm

Single-institution review of sphenopalatine ganglion blocks for sinonasal surgeries

Avraham Adelman, BS

3:51 pm – 3:57 pm

Endoscopic endonasal optic nerve decompression: A systematic review

Jeremy Ruthberg, MD

3:58 pm – 4:04 pm

Olfactory recovery in transsphenoidal pituitary surgery

Sanjena Venkatesh

4:05 pm – 4:10 pm

Q&A

4:11 pm – 4:55 pm

PANEL: Endoscopic approaches to the skull base outside the nose

Moderator: Nyall London, MD, PhD, FARS

Panelists: Sungwoo Cho, MD; Je Beom Hong, MD; Lifeng Li, MD

Supported by the International Committee and Skull Base and Orbital Surgery Section

4:55 pm – 5:00 pm

Q&A

5:30 pm – 7:00 pm

ARS President's Reception

Room: Strand 10

Sunday, May 18, 2025

Morning Session – Celestin D

8:00 am – 12:00 pm CST

7:00 am – 8:00 am

WiR Breakfast Roundtable Session

Location: Celestin F

“Career Growth and Development: A Panel Based Discussion of Real-World Scenarios”

Moderator: Ashleigh Halderman, MD, FARS

Panelists: Amber Luong, MD, PhD, FARS, ARS President-Elect and Program Chair; Devyani Lal, MD, FARS (Women in Rhinology Section); Corinna Levine, MD, FARS (Mentorship Committee); Erin Lopez, MD (Diversity & Inclusion Committee)

Sponsored by the Women in Rhinology Section, Mentorship Committee, and Diversity & Inclusion Committee

Supported by Aerin Medical

Room Moderators: R. Peter Manes, MD, FARS; Lauren Roland, MD

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

8:00 am – 8:06 am

Association of xylene exposure and non-allergic rhinitis

Evelyn Rowe

8:07 am – 8:13 am

The statistical fragility of efficacy data on intranasal corticosteroids for AR

Shreya Deshmukh, BA

8:14 am – 8:20 am

Investigation of commercially available acoustic vibratory devices for congestion

W. Jared Martin, BA

8:21 am – 8:27 am

Surgical management of rhinitis

Asher Ripp

8:28 am – 8:32 am

Q&A

Moderators: Kent Lam, MD, FARS; Tran Locke, MD, FARS

8:33 am – 8:39 am

Comparing balloon sinuplasty and endoscopic sinus surgery for chronic rhinosinusitis

Miti Parikh, BA

8:40 am – 8:46 am

Surgeon case volume impacts revision rate of endoscopic sinus surgery

Daniel Lee, MD, FRCSC

8:47 am – 8:53 am

Factors influencing early recovery after endoscopic sinus surgery

Felix Fernandez-Penny, BS

8:54 am – 9:00 am

Factors influencing adherence to budesonide nasal irrigation in sinusitis and rhinitis patients

Clifford Jiajun He, BA

9:01 am – 9:04 am

Q&A

9:05 am – 9:20 am

PANEL: Role of the immunomodulators and autoimmune/rheumatologic diseases in patients with CRS

Moderator: Chadi Makary, MD, FARS

Panelists: Stella Lee, MD; Bruce Tan, MD

Supported by the Allergy in Rhinology Section

Moderators: Christopher Le, MD, FARS; Arthur Wu, MD, FARS

9:21 am – 9:27 am

Biologics and acute rhinosinusitis: A protective effect

Wynne Zheng, MA

9:28 am – 9:34 am

Association between US wildfires and increased in acute rhinosinusitis

Lirit Levi, MD

9:35 am – 9:41 am

Rheumatic adverse events in biologics for CRS

Carlos Khalil, MD

9:42 am – 9:45 am

Q&A

9:45 am – 10:15 am

Break with Exhibitors

Moderators: Dennis Tang, MD, FARS; Patricia Loftus, MD, FARS

10:16 am – 10:24

QoL outcomes of ESS with PM2.5 exposure

Chandler Rygalski, MD

10:25 am – 10:33 am

Effects of smoking on 5-year quality of life outcomes after endoscopic sinus surgery

Allen Zhou, MD

10:34 am – 10:42 am

The association of weight loss with improved chronic rhinosinusitis outcomes

Zain Mehdi, BA

10:43 am – 10:51 am

CoSI index predicts success in AERD by asthma control test and SNOT-22 score

Alison Yu, MD

10:52 am – 11:00 am

Psychometric validity and subdomain analysis of the SNOT-22 in cystic fibrosis sinusitis

Christine Liu, BS

11:01 am – 11:05 am

Q&A

11:08 am – 11:50 am

Introduction: Amber Luong, MD, PhD, FARS

From breach to best practices: Lessons for ENT professionals on cybersecurity:

Gavin Setzen, MD, FARS; Terry Ray, VP of Product Strategy at Varonis

11:50 am – 11:55

Q&A

11:55 am – 12:00 pm

Closing Statements

Kevin Welch, MD, FARS, ARS President; Amber Luong, MD, PhD, FARS, ARS President-Elect and Program Chair

Sunday, May 18, 2025

Concurrent Morning Session – Celestin GH

8:00 am – 12:00 pm CST

Room Moderators: Marc Dubin, MD, FARS; Jose Mattos, MD

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

8:00 am – 8:06 am

Analysis of FDA adverse event reports on fluticasone nasal sprays: Xhance vs. Flonase

Thomas Haupt MD

8:07 am – 8:13 am

Impact of topical antibiotics in refractory chronic rhinosinusitis

Allen Zhou, MD

8:14 am – 8:20 am

Delivery of Mupirocin to the paranasal sinuses: Powder versus ointment

Lauren Pinzas, MD

8:21 am – 8:27 am

Utilization, spending, and price of exhalation delivery system with fluticasone, 2018-2023

Taylor Erickson, MD

8:28 am - 8:32 am

Q&A

Moderators: Jayant Pinto, MD; Kristine Smith, MD, FARS

8:33 am – 8:39 am

U-smell-it: A new app-based olfactory test for rapid screening of smell dysfunction

Benjamin Bernard, MD

8:40 am – 8:46 am

Sodium citrate nasal spray with olfactory training for chronic COVID-19 olfactory dysfunction (RCT)

Lauren Cook, BS

8:47 am – 8:53 am

Nasal cycling and olfactory deposition efficiency

Michelle Kim, BA

8:54 am – 9:00 am

Moving beyond odor identification: Defining olfactory subdomain cutoffs in frailty risk assessment

Varun Vohra, BA

9:01 am – 9:04 am

Q&A

9:05 am – 9:20 am

PANEL: Common coding mistakes

Moderator: Toby Steele, MD

Panelists: Corinna Levine, MD, FARS; Gretchen Oakley, MD, FARS; Vinay Rathi, MD

Supported by the Patient Advocacy Committee and Skull Base and Orbital Surgery Section

Moderators: Leigh Sowerby, MD; Dennis Tang, MD, FARS

9:21 am – 9:27 am

Detection of mild cognitive impairment in older adults through combined olfactory and MoCA testing

Varun Vohra, BA

9:28 am – 9:34 am

Questionnaire of olfactory disorders negative statements in age-related olfactory dysfunction

Rodney Schlosser, MD, FARS

9:35 am – 9:41 am

Gustatory dysfunction is associated with increased mortality among US adults

Simon Chiang, Research Coordinator

9:42 am - 9:45 am

Q&A

9:45 am – 10:15 am

Break with Exhibitors

Moderators: Angela Donaldson, MD, FARS; Isaac Schmale, MD, FARS

10:16 am – 10:24 am

FESS versus biologic therapy for CRSwNP: A systematic review with meta-analysis

Chadi Makary, MD, FARS

10:25 am – 10:33 am

Depression and anxiety in empty nose syndrome: A systematic review and meta-analysis

Anuja Shah, BA

10:34 am – 10:42 am

Association between conflicts of interest and published position on absorbable nasal valve implants

Elizabeth Liao, MD

10:43 am – 10:51 am

Industrial payments to peer reviewers and editorial board members in rhinology journals

W. Jared Martin, BA

10:52 am – 11:00 am

Impact of intraoperative microbreaks on pain and performance in rhinology

Shahed Mohamed, MD

11:01 am – 11:05 am

Q&A

Location – Celestin D

11:08 am – 11:50 am

Introduction: Amber Luong, MD, PhD, FARS

From breach to best practices: Lessons for ENT professionals on cybersecurity:

Gavin Setzen, MD, FARS; Terry Ray, VP of Product Strategy at Varonis

11:50 am – 11:55

Q&A

11:55 am – 12:00 pm

Closing Statements

Kevin Welch, MD, FARS, ARS President; Amber Luong, MD, PhD, FARS, ARS President-Elect and Program Chair

Posters

Poster #G001

20 Year delayed CSF leak

Twenty-year delayed CSF rhinorrhea after facial trauma
Kevin Li, MD

Poster #G002

52-week outcomes from the Phase 3 ENLIGHTEN 1 trial for LYR-210 in CRS

Vineeta Belanger, PhD

Poster #G003

A case of canine transmitted post-operative staphylococcus schleiferi sinusitis

Helena Cabrera, BA

Poster #G004

A case report of persistent epistaxis due to acquired hemophilia

Lauren Storm, BS

Poster #G005

A case report prompting consideration for agammaglobulinemia as a differential diagnosis

Lauren Storm, BS

Poster #G006

A rare presentation of bilateral dentigerous cysts of the maxillary sinus

Cynthia Koenigsberg, MD

Poster #G007

A realistic cadaver model for complex endoscopic retroinfundibular tumor resections

Eve-Marie Roy, MD

Poster #G008

WITHDRAWN

Poster #G009

A three dimensional holistic staging for nasopharyngeal angiofibroma: Georgean experience

Anupam Mishra, MBBS, MS, DNB, FACS

Poster #G010

AERD: Impact of patient demographics on optimal post-desensitization aspirin dosage

Krithika Kuppusamy, BS

Poster #G011

AI ChatGPT normal sinus CT scans

Anthony Saad, BA

Poster #G012

AI endoscopic and CT sinus anatomy

Anthony Saad, BA

Poster #G013

AI large language model and skull-base guidelines

Anthony Saad, BA

Poster #G014

AI sinus pathology diagnosis

Anthony Saad, BA

Poster #G015

AI-generated responses to complication queries: A comparative analysis in rhinology

Luke Schwetschenau, BS

Poster #G016

Air pollution exposure and sinusitis incidence in central New York secondary to increased wildfires

Christopher Bushnell, BS

Poster #G017

An uncommon etiology of chronic rhinosinusitis: Ectopic teeth in a patient with autoimmune disorders

Shahed Mohamed, MD

Poster #G018

An unusual case of pterygopalatine fossa angioleiomyoma

Leo Song, Medical Student

Poster #G019

Analysis of postoperative length of stay following endoscopic endonasal pituitary surgery

Gaurav Jategaonkar

Poster #G020

Analyzing intolerance to aspirin therapy after desensitization (ATAD) in AERD Patients

Lancelot Herpin, MD/MSTR Candidate

Poster #G021

Anemia in orbital floor fracture

Joseph Celidonio, Medical Student

Poster #G022

Antibiotic utilization for chronic rhinosinusitis

Larry Wang, MS

Poster #G023

Artificial intelligence in chronic rhinosinusitis

Karena Zhao, BS

Poster #G024

Assessment of lifetime inhalational exposure burden and associations with chronic rhinosinusitis

Nina Westcott

Poster #G025

Assessment of variability in sinonasal anatomic measurements relevant for nasoseptal flap harvest

Beatrice Katsnelson

Poster #G026

Association between ultraprocessed food intake and sinusitis

Anthony Thai, MD

Poster #G027

Association of asthma and allergic rhinitis with depression in chronic rhinosinusitis patients

Sherron Thomas, BSA

Poster #G028

Association of preoperative vascularization patterns and embolization methods with recurrence in JNA

Brennan Olson, MD, PhD

Poster #G029

Atypical eosinophilic angiocentric fibrosis

Eugene Oh, BS, MSE

Poster #G030

Barriers to CRS care for sexual and gender minorities

Faizaan Khan, BS

Poster #G031

Baseline healthcare resource utilization in patients with CRSwNP from the AROMA global registry

Scott Nash, MD

Poster #G032

Bibliometric analysis of top cited septoplasty publications

Jonathan Collard de Beaufort

Poster #G033

Bibliometric analysis on Dupilumab and chronic sinusitis with nasal polyposis

Pauline Huynh, MD

Poster #G034

Biological subtypes of nasal polyps by laser-capture microdissected gene expression profiling

Shen Kai Ng, BSc. (Hons)

Poster #G035

Can sinonasal surgery decrease the risk of cardiovascular disease?

Sarah Ridge, MD

Poster #G036

Cannabis use and chronic rhinosinusitis

Austin Lee, BS

Poster #G037

Cavernous carotid pseudoaneurysm case report

Josef Shargorodsky, MD, MPH

Poster #G038

CCI in SNSCC

David Herz, BS

Poster #G039

CFD modeling of swirling effect to the drug spray for sinus disease treatment

Zheng Li

Poster #G040

Characterization and description of extra-olfactory REAH

Jakob Fischer, MD

Poster #G041

Characterizing the nasal vestibule swell body

Michael Werner, MD, PhD

Poster #G042

WITHDRAWN

Poster #G043

Chronic sinusitis and rheumatoid arthritis flare following treatment of Cushing's syndrome

Sandhya Ganesan, BS

Poster #G044

Clinical factors for odontogenic maxillary sinusitis and endoscopic transnasal apicoectomy

Kenta Fukui, MD

Poster #G045

Comparative analysis of fungal organisms in invasive fungal rhinosinusitis

Janice Chung, MD

Poster #G046

Comparison of NGS and traditional culture in identifying pathogenic bacteria in CRS

You Kim, BS

Poster #G047

Concordance between at-home finger-prick and blood allergen-specific IgE allergy testing

Ezer Benaim, MD

Poster #G048

CRS and isolated orbital floor fractures

Katherine Yu, MD

Poster #G049

ctHPVDNA for recurrence detection in HPV+ SNSCC

Elise Krippaehne, BS

Poster #G050

Cytokine sampling in the sinonasal cavity

Yasine Mirmozaffari, BS

Poster #G051

Digital health access and use among patients presenting to a tertiary rhinology center

Elise Krippaehne, Clinical Research Fellow

Poster #G052

Direct-to-consumer customized nasal sprays for allergy relief: A market overview

Lauren Cook, BS

Poster #G053

Disease severity as a predictor of Dupilumab response in patients with CRSwNP

Kelsey Limage, BS

Poster #G054

Does superior ophthalmic vein thrombosis require anticoagulation?

Emily Sagalow, MD

Poster #G055

Does the modified endoscopic denker procedure impact aesthetic outcomes?

Felix Fernandez-Penny, BS

Poster #G056

Does total inferior and middle turbinectomy always lead to empty nose syndrome?

Nidhi Jha, BA

Poster #G057

Drugs, money, and sex: An update on gender and industry sponsorship within otolaryngology

Emma Elbert, BS

Poster #G058

Dupilumab for pediatric CRSwNP with immunodeficiency

Olivia Nieto Rickenbach, MD

Poster #G059

Ectopic olfactory neuroblastoma within the maxillary sinus: A case report and literature review

Ryan Hudnall, MD

Poster #G060

Effect of sinus surgery on nasal discharge

Erin Briggs

Poster # G061

Effectiveness of middle meatal spacers in reducing synechia post-ESS: Updated meta-analysis

Raisa Chowdhury

Poster #G062

Endoscopic resection of nasopharyngeal salivary neoplasm: Case report

Thant Zaw, MD

Poster #G063

Endoscopic sinus surgery for recurrent acute sinusitis: A systematic review and meta-analysis

David Liu, MD, PhD

Poster #G064
WITHDRAWN

Poster #G065
Enhancing pituitary surgery patient education materials with language learning models
Samantha Spence, Medical Student

Poster #G066
Esthesioneuroblastoma of maxillary sinus: Obscure sinonasal source of hyponatremia in adolescent
Sarah Debs, MD

Poster #G067
Ethmoid sinus CSF leak repair in Puerto Ricans
Giovanny Pérez, MD

Poster #G068
Evaluating online patient materials regarding balloon sinuplasty
Shreya Bhalla, BS

Poster #G069
Evaluation of a balloon dilation system: A cadaveric study
Yasine Mirmozaffari, BS

Poster #G070
Feminization rhinoplasty surgery effect on nasal cavity volume
Narin Nard Carmel Neiderman, MD, MSc

Poster #G071
FESS indications in cystic fibrosis population on CTFR modulator therapy
Alec Straughan, MD

Poster #G072
Frontal sinus auto-obliteration
Lucas Cruz, BA

Poster #G073
Gustatory dysfunction and volatile organic compounds in industrial and fuel emissions
Sophie Yu

Poster #G074
Gustatory dysfunction is associated with reduced dietary micronutrient intake
Sophie Yu

Poster #G075
Histopathologic analysis of transplant patients with chronic rhinosinusitis
Abdulkader Yassin-Kassab, MD

Poster #G076
Hypoglossal nerve stimulator use in patients with hereditary hemorrhagic telangiectasia
Kathryn Mozzochi

Poster #G077
WITHDRAWN

Poster #G078
Identification of key allergens associated with recalcitrant cough with and without asthma
Claudia Cabrera, MD, MS

Poster #G079
Immunophenotyping chronic rhinosinusitis by flow cytometry of nasal and nasopharyngeal swab samples
Farhoud Faraji, MD, PhD

Poster #G080
Impact of depression on postoperative complications following septoplasty with turbinoplasty
Iman Adibi, BS

Poster #G081
Impact of immunosuppression on refractory CRS: Outcomes of topical antibiotic treatment
Bastien Valencia, MD

Poster #G082
Impact of medication adherence on rhinosinusitis patient outcomes
Clifford Jiajun He, BA

Poster #G083
Improvement of mouth breathing after nasal surgery
Ayham Alkarmi, MD

Poster #G084
IMRIS for pituitary adenoma resection: A single-center 13-year review and observational study
Chad Purcell, MD

Poster #G085
Industrial and fuel emissions are associated with non-allergic rhinitis
Sophie Yu

Poster #G086
Inferior meatal antrostomy in select maxillary pathologies
Ronald S. Wang, BS

Poster #G087
Institutional analysis of PLT in pituitary surgery
Thomas Scharfenberger, BS

Poster #G088
Insurance and surgical intervention in CRS
David Herz, BS

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