

# **2022 AAFPRS SPRING MEETING @COSM**

**APRIL 27 – 28, 2022**

**HYATT REGENCY DALLAS | DALLAS, TEXAS**



## **AGENDA**

***ESSENTIAL EDUCATION FOR RESIDENTS***

**[WWW.AAFPRS.ORG/COSM](http://WWW.AAFPRS.ORG/COSM)**



**P. Daniel Knott, MD**  
Course Chair



**Rahul Seth, MD**  
Course Chair



**Catherine P. Winslow, MD**  
AAFPRS Meetings Education  
Director-Elect

# WELCOME

We're excited to invite you to the 2022 AAFPRS Spring Meeting!

Held in conjunction with the Combined Otolaryngology Spring Meetings (COSM), this one-of-a-kind event provides a forum for residents, fellows-in-training and medical students to share ground-breaking and practice-changing research that will improve patient care.

And, because COSM brings together the members of several organizations, you'll be able to network with your peers from nine otolaryngology-focused societies. Don't miss the opportunity to learn, collaborate, and share best practices with colleagues and friends.

Our fresh, innovative program features an impressive lineup of presentations from facial plastic and reconstructive surgery experts, as well as top-rated oral abstracts and posters that highlight important research studies that will move our specialty forward.

**Earn 10.25 AMA PRA Category 1 Credits™ and Gain Essential Education...** as you can see, the 2022 AAFPRS Spring Meeting will provide world-class education and ample opportunities to network with colleagues.

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**Don't miss out-REGISTER TODAY!**  
**[www.AAFPRS.org/COSM](http://www.AAFPRS.org/COSM)**

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All events and activities take place in Central Daylight Time (CDT)

### 7:45 AM–7:50 AM

#### Welcome Remarks | 2022 AAFPRS Spring Meeting Kick-Off

Welcome to COSM and the 2022 AAFPRS Spring Meeting! Join our Course Chairs as they kick off this year's exciting and interactive educational program.

*P. Daniel Knott, MD and  
Rahul Seth, MD*

### 7:50 AM–12 PM

#### Essentials of Facial Plastic Surgery Course

##### Moderators:

*P. Daniel Knott, MD and  
Rahul Seth, MD*

### 7:50 AM–8:20 AM

#### Facial Gender Affirmation

*Charles W. Shih, MD*

### 8:20 AM–8:50 AM

#### Cleft Lip and Palate

*Laura Touns Hetzler, MD*

### 8:50 AM–9:20 AM

#### Cutaneous Lesions and Skin Flaps

*Andrea M. Park, MD*

### 9:20 AM–9:50 AM

#### Head and Neck Reconstruction

*Shaun C. Desai, MD*

### 9:50 AM–10 AM

#### Coffee Break

### 10 AM–10:30 AM

#### Treatment of Facial Paralysis

*Leslie Kim, MD*

### 10:30 AM–11 AM

#### Rhinoplasty

*Anthony E. Brissett, MD*

### 11 AM–11:30 AM

#### Surgical Facial Rejuvenation

*Ryan N. Heffelfinger, MD*

### 11:30 AM–12 PM

#### Non-Surgical Facial Rejuvenation

*Nikita Gupta, MD*

### 12 PM–1 PM

#### Lunch Break

Don't miss the opportunity grab a bite to eat, network with colleagues, and connect with poster authors and exhibitors.





## SCHEDULE OF EVENTS

**1 PM–1:30 PM****FACIAL REJUVENATION:  
HOW I DO IT***Moderators: P. Daniel Knott,  
MD and Rahul Seth, MD***1 PM–1:05 PM****Face & Neck Lift***Ryan N. Heffelfinger, MD***1:05 PM–1:10 PM****Browlift***Tang Ho, MD***1:10 PM–1:15 PM****Upper/Lower  
Blepharoplasty***Manoj Abraham, MD***1:15 PM–1:20 PM****Fillers and Botulinum  
Toxins***Andrea Park, MD***1:20 PM–1:25 PM****Minimally Invasive  
Rejuvenation***Nikita Gupta, MD***1:25 PM–1:30 PM****Discussion****1:30 PM–2:15 PM****Podium Talks:  
Oral Abstracts—FACIAL  
REJUVENATION****Moderators:***P. Daniel Knott, MD and  
Rahul Seth, MD***1:30 PM–1:35 PM****Browlift Efficacy:  
Correlation of Artificial  
Intelligence with Excursion  
Measurements***Steven Callori, MPH***1:35 PM–1:40 PM****Review of 75 Patients With  
Lower Blepharoplasty With  
Fat Transfer Under Local  
Anesthesia***Sunder Gidumal, MD***1:40 PM–1:45 PM****The Influence of Face Mask In  
Browlift Patients' Emotional  
Expression Using A.I.***Jose Muro-Cardenas BA***1:45 PM–1:50 PM****Health Utility Measures Among  
Patients with Androgenetic  
Alopecia After Hair Transplant***Roy Xiao, MD, MS***1:50 PM–1:55 PM****Variation in lip morphology and  
aesthetics in the young female  
population***John F. Ryan, MD***1:55 PM–2 PM****Split Face Study of the  
Laterality of Facial Aging  
Patterns***Caroline Hudson, MD***2 PM–2:05 PM****Standardized Photography  
Analysis for Evaluation of  
Patients with Androgenetic  
Alopecia***Ciersten Burks, MD***2:05 PM–2:15 PM****Discussion****2:15 PM–2:45 PM****Podium Talks:  
Oral Abstracts—FACIAL  
GENDER AFFIRMATION****Moderators:***P. Daniel Knott, MD and  
Rahul Seth, MD***2:15 PM–2:20 PM****Multi-Procedural Facial  
Feminization Surgery: A  
Review of Outcomes and  
Complications***Nissim Hazkour, BA***2:20 PM–2:25 PM****Description of New Cricoid  
Augmentation Technique of  
Chondrolaryngoplasty***Sarah Khayat, MD***2:25 PM–2:30 PM****Scarless Transvestibular  
Feminizing  
Chondrolaryngoplasty in 54  
Patients***Michael Eggerstedt, MD***2:30 PM–2:35 PM****Comparing Postoperative  
Opioid Use in Staged Gender  
Affirming Surgery***Arushi Gulati, MD***2:35 PM–2:45 PM****Discussion****2:45 PM–3:15 PM****Coffee Break**

**3:15 PM–4 PM****RHINOPLASTY: HOW I DO IT**

**Moderators:** *P. Daniel Knott, MD and Rahul Seth, MD*

**3:15 PM–3:20 PM****Dorsal Augmentation**

*Joshua D. Rosenberg, MD*

**3:20 PM–3:25 PM****Osteotomies**

*Roxana Moayer, MD*

**3:25 PM–3:30 PM****Dorsal Preservation**

*Peter C. Revenaugh, MD*

**3:30 PM–3:35 PM****Tip Aesthetics and Grafts**

*Taha Z. Shipchandler, MD*

**3:35 PM–3:40 PM****Management of Middle Vault and FNX Grafts**

*Laura Toups Hetzler, MD*

**3:40 PM–3:45 PM****Alar Base Reduction**

*Laura Garcia-Rodriguez, MD*

**3:45 PM–3:50 PM****Caudal and Dorsal Septal Reconstruction**

*Roxana Moayer, MD*

**3:50 PM–3:55 PM****Rib Grafting**

*Clint Humphries*

**3:55 PM–4 PM****Discussion****4 PM–5 PM****Podium Talks:****Oral Abstracts—FACIAL RECONSTRUCTION****Moderators:**

*P. Daniel Knott, MD and Rahul Seth, MD*

**4 PM–4:05 PM****Bell's Palsy and COVID-19: Insights from a TriNetX Analysis**

*Divya Balchander*

**4:05 PM–4:10 PM****Imaging Utilization Pre- and Post-2013 AAO-HNSF Bell's Palsy Clinical Practice Guidelines**

*Lekha Yesantharao, BS*

**4:10 PM–4:15 PM****Assessing the Prevalence of Burnout Among Female Microvascular Surgeons**

*Tania Benjamin, MD*

**4:15 PM–4:20 PM****Comparison of Venous Anastomosis Technique on Free Tissue Transfer Failure Rates**

*Shayan Fakurnejad, MD*

**4:20 PM–4:25 PM****Outcomes Associated with the Performance of Multiple Free Tissue Transfers in a Single Day**

*Arushi Gulati, BS*

**4:25 PM–4:30 PM****Discussion****4:30 PM–4:35 PM****The Posterior Tibial Free Flap for Head and Neck Reconstruction**

*Alexandra E. Kejner, MD*

**4:35 PM–4:40 PM****The Customized Surgical Treatment of VPI with Pharyngeal Flaps**

*Rohun Gupta*

**4:40 PM–4:45 PM****The Impact of Sociodemographic Factors on Mohs Micrographic Surgery and Reconstruction**

*Isabelle Gengler, MD*

**4:45 PM–4:50 PM****Characterizing Olfactory Dysfunction in Patients with Cleft Nasal Deformities**

*Sarah M. Russel, MD*

**4:50 PM–4:55 PM****How Time to Mohs Reconstruction Affects Outcome: a Systematic Review and Meta-Analysis**

*Sebastian Sciegienka, MD*

**4:55 PM–5 PM****Discussion****5 PM–5:30 PM**

**Wine Down Wednesday**  
Join us for a quick happy hour as we wrap up the first day of COSM 2022!

**5:30 PM–6 PM**

**Meet the Authors**  
Connect with abstract authors and learn more about their posters and ground-breaking research.

## SCHEDULE OF EVENTS

**7:45 AM–8:15 AM****FACIAL RECONSTRUCTION:  
HOW I DO IT****Moderators:** *P. Daniel Knott, MD and Rahul Seth, MD***7:45 AM–7:50 AM****Mandible Reconstruction***Yadranko Ducic, MD***7:50 AM–7:55 AM****Forehead Flaps***Stephen S. Park, MD***7:55 AM–8 AM****Tongue and Oral Cavity***Jacqueline A. Wulu, MD***8 AM–8:05 AM****Laryngopharyngectomy***Amy L. Pittman, MD***8:05 AM–8:10 AM****Radical Parotid  
Reconstruction***Miryam Loyo Li, MD***8:10 AM–8:15 AM****Discussion****8:15 AM–9:25 AM****Podium Talks: Oral  
Abstracts—FACIAL  
RECONSTRUCTION****Moderators:***P. Daniel Knott, MD and  
Rahul Seth, MD***8:15 AM–8:20 AM****Measurement of Force on  
Nasal tip and Pinna Caused  
by Protective Mask Use***Rahul M. Varman, MD***8:20 AM–8:25 AM****Spatial analysis identifies  
differential gene and  
protein expression in Keloid  
fibroblasts***Lamont Jones, MD, MBA***8:25 AM–8:30 AM****Risk Factors for Same Day  
Surgery Cancellations in Head  
and Neck Reconstructive  
Surgery***Natalie A. Derise, MD***8:30 AM–8:35 AM****Improving Access to Care: 3D  
Printed Nasal Prostheses after  
Subtotal Rhinectomy***Maria C. Masciello, MD, MS***8:35 AM–8:40 AM****Considerations for Tragal  
Reconstruction in Porous  
Polyethylene Microtia Repair***Alexandra Shams Ortiz, MD***8:40 AM–8:45 AM****Through a New Lens:  
Optimizing Color Match in  
Microvascular Free Flap  
Reconstruction***Neil N. Patel, MD, MSc***8:45 AM–8:50 AM****Discussion****8:50 AM–8:55 AM****Comparison of Facial Injuries  
Between Professional Fighting  
Sports***Alexander J. Jones, MD***8:55 AM–9 AM****Facial Trauma Management  
During the Covid-19 Pandemic***Saikrishna Gourishetti, MD***9 AM–9:05 AM****Trends in Head and Neck  
Injuries Related to Electronic vs  
Pedal Bicycle use in the U.S.***Lauren C. Williams, MD***9:05 AM–9:10 AM****Improving Triage and Care  
Efficiency in Facial Trauma: A  
Quality Improvement Project***Joshua Zeiger, MD***9:10 AM–9:15 AM****Effects of a Pandemic on  
Head and Neck Trauma: A  
Retrospective Chart Review***Ethan Grant***9:15 AM–9:25 AM****Discussion****9:25 AM–9:50 AM****Podium Talks:  
Oral Abstracts—MINIMALLY  
INVASIVE TECHNIQUES****Moderators:***P. Daniel Knott, MD and  
Rahul Seth, MD***9:25 AM–9:30 AM****Histomorphologic Study  
Comparing Ablative Laser  
vs Microneedling With  
Radiofrequency***Eleni A Varelas, BA***9:30 AM–9:35 AM****Treatment of Festoons with  
Radiofrequency Microneedling***Garrett Ni, MD***9:35 AM–9:40 AM****Effects of Topical Cannabidiol  
On Wound Healing in Mice***David Alberto Rengifo, MD***9:40 AM–9:45 AM****The Effects of Cannabinoids  
on Wound Healing***Aniruddha C. Parikh, MD***9:45 AM–9:50 AM****Discussion****9:50 AM–10:15 AM****Coffee Break**

**10:15 AM–10:55 AM****FACIAL PLASTICS POTPOURRI**  
(Non-CME Presentation)**Moderators:** *P. Daniel Knott, MD*  
and *Rahul Seth, MD***10:15 AM–10:20 AM****Treatment of Flaccid Facial Paralysis***Patrick J. Byrne, MD***10:20 AM–10:25 AM****Treatment of Synkinesis and Bell's Palsy***Peter Revenaugh, MD***10:25 AM–10:30 AM****Septal Perforation Repair***Scott J. Stephan, MD***10:30 AM–10:35 AM****Mandible Fractures***Raj C. Dedhia, MD***10:35 AM–10:40 AM****BDD and the Challenging Patient***Robert H. Deeb, MD***10:40 AM–10:45 AM****International Facial Plastic Surgery***Manoj T. Abraham, MD***10:45 AM–10:50 AM****Otoplasty***Scott J. Stephan, MD***10:50 AM–10:55 AM****Discussion****10:55 AM–12 PM****Podium Talks:****Oral Abstracts—**  
**RHINOPLASTY****Moderators:***P. Daniel Knott, MD* and  
*Rahul Seth, MD***10:55 AM–11 AM****L-Strut Division Technique for Correction of Severe Caudal Septal Deviation: Outcomes***Sonam Dodhia, MD***11 AM–11:05 AM****The Autogenous Tissue Graft in Septal Perforation Repair***Cullen M. Taylor, MD***11:05 AM–11:10 AM****Nasal Septal Perforation Reconstruction with Polydioxanone Plate: A Systematic Review***Hedyeh Ziai, MD***11:10 AM–11:15 AM****Septal Perforation Repair Quality of Life Outcomes Using the Glasgow Benefit Inventory***Cullen M. Taylor MD***11:15 AM–11:20 AM****Nasal Septal Perforation Repair with Temporal Fascia and Polydioxanone Plate***Megan Falls, MD***11:20 AM–11:25 AM****Discussion****11:25 AM–11:30 AM****Revision Rates of Septoplasty in the United States***Gun Min Youn***11:30 AM–11:35 AM****Outcomes in Dorsal Preservation Rhinoplasty: A Meta-Analysis of Contemporary Techniques***Tristan Tham, MD***11:35 AM–11:40 AM****Spreader Grafts and Autospreaders in Rhinoplasty: A Systematic Review and Meta-analysis***Cherian K. Kandathil, MD***11:40 AM–11:45 AM****Keys to Success in African American Rhinoplasty***Jason Litner, MD, FRCSC* and  
*Peyman Solieman, MD***11:45 AM–11:50 AM****Characterizing the Rhinoplasty Outcomes Most Important to Rhinoplasty Patients***Parsa Pamenari Salehi, MD***11:50 AM–11:55 AM****Outcomes After Septorhinoplasty in Patients With Cleft Nasal Deformity***Raluca E. Gosman, BS***11:55 AM–12 PM****Discussion****12 PM****Adjournment***See you next year!**Save the Dates for COSM 2023**May 3–7, 2023 | Hynes**Convention Center**Boston, Massachusetts*



## FACIAL RECONSTRUCTION

**B001**

**FACE TO FACE: Evaluating the Characteristics of the AAFPRS Humanitarian Program**

*Sunder Gidumal, MD*

**B002**

**Complex Vestibuloplasty for Total Lip Reconstruction: A Novel Fascial Sling Technique**

*Jumah G. Ahmad, MD*

**B003**

**Systematic Review and Meta-Analysis of Antibiotic Use in Moh's Surgery**

*Ethan Hunter Arnaud, MD*

**B004**

**Quality Improvement in Facial Laceration Care**

*Benjamin Brownlee, MD*

**B005**

**Ophthalmologic Outcomes of Orbital Floor Repair in ZMC Fracture**

*Aman S. Buttar*

**B006**

**Racial Disparities in the Surgical Management of Facial Paralysis**

*Kayva L. Crawford, MD*

**B007**

**Impact of COVID 19 on operative maxillofacial trauma cases at level 1 trauma center**

*Srihari Daggumati, MD*

**B008**

**Quantitative Electromyography in Synkinetic Muscles of Facial Expression**

*Seth J. Davis*

**B009**

**Isolated traumatic orbital fractures: an analysis of the National Trauma Data Bank**

*Emma De Ravin, BS*

**B010**

**Primary & Cable Graft Neuroorrhaphy for Facial Nerve Repair**

*Eleni A Varelas, BA*

**B011**

**Diagnosis and reconstructive challenges in patients with Natural Killer/T-cell lymphoma**

*Maria Catalina Espinosa, MD*

**B012**

**Anabolic Steroids Use in Facial Nerve Injury: A Systematic Review**

*Brandon S. Gold, BA*

**B014**

**Chemodenervation of the posterior belly of the digastric muscle in facial synkinesis**

*Elizabeth S Longino, MD*

**B015**

**Predicting the Outcome of Bell's Palsy Based upon Comorbidities and Presentation**

*Ronit Malka, MD*

**B016**

**Clinical Outcomes of Facial Nerve Paralysis Due to GSWs**

*Heather Merkouris, MS2*

**B017**

**Use of Temporoparietal Fascia Flap for Wound Complication of Transcutaneous Hearing Aid**

*Tate M Naylor MD*

**B018**

**Cervical Cosmetic Recontouring in Post-Operative Head and Neck Patients**

*Subin Paul*

**B019**

**Open anterior skull base reconstruction: an algorithmic approach and systematic review**

*John F. Ryan, MD*

**B020**

**Ancillary Procedures to Nasal Reconstruction after Mohs Surgery**

*C. Yoonhee Ryder, BS*

**B021**

**Quality of Life in Patients with Post-Paralysis Synkinesis**

*Lucy Shi, MD*

**B022**

**Closure of a Large Scalp Defect Using External Tissue Expansion**

*Meryam Shikara, MD*



**B023**

Delays in Craniomaxillofacial Trauma Care Increase Complication Rates in Rwanda

*Gaelen MD, MPhil*

**B024**

A Unique Case of Subcutaneous Basal Cell Carcinoma of the Midface

*Bethzaida Suarez Gonzalez, MD*

**B025**

Temporalis Muscle Transfer in Facial Reanimation: A Systematic Review and Meta-analysis

*Saud Sunba*

**B027**

Facial translocation in pediatric patient

*Juan F Vergara, MD*

**B028**

A Prospective Study of the Effects of Social Disparities on Facial Trauma Patient Outcomes

*A. Mitchel Wride, BA*

**B029**

A Prospective Study Comparing the Management Across Specialties of Facial Trauma Patients

*A. Mitchel Wride, BA*

**B030**

Traumatic Facial Nerve Injuries: Epidemiologic Analysis of the National Trauma Data Bank

*Katherine Xu, BS*

**B031**

Submandibular Gland Flap for Reconstruction of Oropharyngeal Defects

*Albert Yang, MD*

**B032**

Trends in Facial Reanimation Following Facial Nerve Sacrifice

*Joshua Zeiger, MD*

### FACIAL REJUVENATION

**B035**

Facial Bone and Soft Tissue Changes: An Imaging Review of a Single Cohort Over Time

*C. Cameron Brawley, MD*

**B036**

Differences in the Impact of Facial Surgery Scarring Between Asian and Caucasian Patients

*Stuti P. Garg, BA*

**B037**

Effect of K-AdviColl on the Expression of a Panel of Skin-Relevant genes

*Gail Humble, MD*

**B038**

Most Common Complications of Plastic Surgeries Above the Clavicle

*Hector L. Linares Garcia, MBA, MEng*

**B039**

First Injection Aspiration of Hyaluronic Acid Filler to Avoid Vascular Complications

*Kevin J. Quinn, MD*



### MINIMALLY INVASIVE TRENDS & TECHNIQUES

#### B041

Comparative Efficacy of Intralesional Injections for the Treatment of Hypertrophic Scars

*Sina Dadafarin*

#### B042

Use of an Ultrasonic Surgical Aspirator for Cosmetic Removal of Lip Hamartomas

*William Montagne III, MD*

### PRACTICE MANAGEMENT & MARKETING

#### B043

Does the Presence of Fellows Affect Consultation-to-Surgery Conversion Rates?

*Sinehan Bayrak, MD*

#### B044

Evaluation of Mobile and Digital Single Lens Photography For Peri-operative Planning

*Neal Deot, MD*

#### B045

Concomitant Ocular and Intracranial Injury Associated with Fractures of the Orbital Roof

*James Eng, MD*

#### B046

Interview Experience of AAFPRS Fellowship Applicants in the COVID-19 Era

*Cedric Thiel, MD*

### RHINOPLASTY

#### B047

A Case Series of Patients with Nasal Piercings Undergoing Rhinoplasty

*Priyanka K. Bisarya*

#### B048

Utility of long-acting local anesthetics in reducing post-operative opioid use

*Kyle S. Kimura, M.D.*

#### B049

Understanding Features of the 'Ideal Nose' Prioritized by the General Population

*Parsa Pamenari Salehi, MD*

#### B050

A Dynamic Endonasal Columellar Strut Placement

*Jose R. Sanchez-Perez MD*

#### B051

Systematic Review of Commercially Available Costal Cartilage Processing Technologies

*Milind Vasudev*

#### B052

Integral management of the alterations of the position and shape

*Juan Fernando, MD*

#### B053

Lateral Crural Repositioning: Implications on Nasal Function

*Robert T. Cristel, MD*

