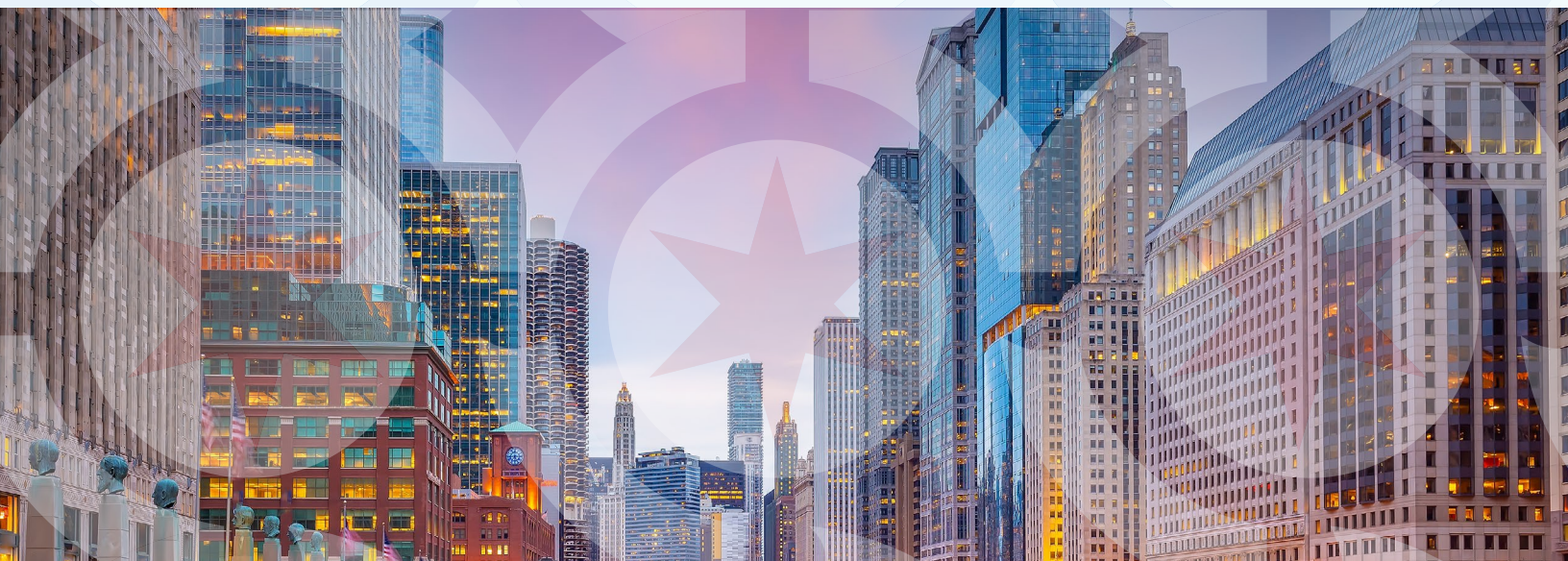


AAFP SPRING MEETING @COSM2024 MAY 15-16 | CHICAGO, IL



AGENDA

Essential Education for Residents



EDUCATIONAL AND RESEARCH FOUNDATION FOR
THE AMERICAN ACADEMY OF FACIAL PLASTIC
AND RECONSTRUCTIVE SURGERY



Leslie R. Kim, MD
Course Chair



Taha Z. Shipchandler, MD, FACS
Course Chair



Catherine P. Winslow, MD
AAFPRS Education Program Director



Anthony E. Brissett, MD
AAFPRS Education Program
Director-Elect

Welcome to the "Windy City" **2024 AAFPRS Spring Meeting @ COSM!**

This one-of-a-kind event is the perfect forum for residents, fellows-in-training and medical students to share ground-breaking and practice-changing research that improves patient care.

We carefully crafted this agenda with you in mind! We aim to address your practice gaps, help you refine your technique, and increase your knowledge.

AAFPRS' comprehensive program features an impressive lineup of presentations from world-renowned experts, as well as top-rated abstracts that highlight important research studies to help move our specialty forward.

Topics cover the entire spectrum of our profession, from basic and advanced procedures to surgical innovations and practice management pearls. Take advantage of this opportunity to get a first-hand look into the art and science of Facial Plastic and Reconstructive Surgery.

While you're here, be sure to have fun. Because COSM convenes members from several organizations, you'll be able to connect with peers from other otolaryngology-focused societies during the many networking breaks. You will have ample opportunities to learn, collaborate, share information, and exchange ideas.

The 2024 AAFPRS Spring Meeting offers all this and more. You've made a great decision by attending this event, and we are delighted you decided to join us.

Welcome. We're glad you're here!

PROGRAM OVERVIEW

LEARNING OBJECTIVES

At the conclusion of this activity, participants should be better able to effectively:

- Comprehend the fundamentals and principles of Facial Plastic and Reconstructive Surgery.
- Describe surgical procedures and minimally invasive treatments that can be used to restore, enhance, and rejuvenate the face.
- Increase awareness of minimally invasive and non-surgical techniques and technologies and understand their indications for use and how they can be incorporated into one's practice.
- Identify the different practice options after graduation and summarize the pros/cons of each career path. Distinguish ways to pursue leadership and growth opportunities within various practice environments.
- Apply evidence-based guidelines, identify unique surgical approaches, and utilize the best clinical practices for providing care to transgender and gender diverse patients.
- Review and recognize the many surgical and non-surgical techniques in Facial Rejuvenation and be able to adequately apply them with different patients and clinical situations.
- Assimilate new knowledge from presented research into his/her practice or research pursuits, as appropriate.
- Outline the best approaches to assess and treat acute and chronic facial paralysis. Identify surgical and therapeutic techniques used to manage chronic facial paralysis.
- Describe the concepts of Preservation Rhinoplasty and become aware of other new and current rhinoplasty techniques, as well as their indications for use.
- Apply new knowledge and expertise while performing procedures in a hands-on, simulated setting. Discuss the core concepts needed to manage Craniomaxillofacial trauma.

ACCREDITATION & CREDIT DESIGNATION

The Educational and Research Foundation for the American Academy of Facial Plastic and Reconstructive Surgery (AAFPRS Foundation) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The AAFPRS Foundation designates this live activity for a maximum of **6.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credits commensurate with the extent of their participation in this activity.

HOW TO CLAIM CME

Continuing Medical Education (CME) Certificates are available to registered attendees who complete a brief evaluation through the AAFPRS CONNECT Portal; instructions for claiming CME will be emailed to attendees after the meeting. *If you have any questions, or need assistance, please contact Karen Sloat at ksloat@aafprs.org.*

DISCLOSURE POLICY

The AAFPRS Foundation strives to ensure balance, independence, objectivity, and scientific rigor in all its educational activities. As such, instructors, speakers, course chairs, planners, and other individuals in a position to control or influence the content of an activity are required to disclose all relevant financial relationships or affiliations. Conflicts of interest are resolved, and educational content is thoroughly vetted for fair, balanced, scientific objectivity and appropriateness of patient care recommendations.

SCHEDULE OF EVENTS

7:30 AM–8 AM
Continental Breakfast

8 AM–8:05 AM
Welcome Remarks
Moderators: Leslie R. Kim, MD
and Taha Z. Shipchandler, MD

8:05 AM–10 AM
FACIAL RECONSTRUCTION

8:05 AM–8:25 AM
KEYNOTE PRESENTATION:
Essentials of Facial Reconstruction
Methods & Tips
Peter C. Revenaugh, MD

8:25 AM–9:15 AM
Oral Abstract Author Showcase
Moderator: Taha Z. Shipchandler, MD

Implications of Adjuvant Radiation
on Paramedian Forehead Flap
Reconstruction
Aarti Agarwal, MD

Sociodemographic Factors
Associated with Reconstruction
of Cutaneous Head and Neck
Malignancy
Shekhar Gadkaree, MD

Addressing Ectropion Resulting
from Cheek Defects: Borrowing
Blepharoplasty Technique
Sarah Dermody, MD, MPH

To Glue or Not to Glue: Do Fibrin
Sealants Reduce Postoperative
Complications in Facial Plastic
Surgery
Hanel W. Eberly, BS

Microvascular Anatomical
Factors and Their Impact on
Postoperative Outcomes in Free
Flap Reconstruction Surgeries
Soroush Farsi, BS

Assessment of Common Post-
Procedural Instructions in Facial
Plastic Surgery Using AI
Wasiq Nadeem, BS

Buccal Fat Advancement
Transposition (BFAT) Flap for
Reconstruction of Midface
Volume Defects
Chris Park, MD

Anterolateral Thigh Fascia Lata
with Spanning Reconstructive
Plate for Full-thickness Mandibular
Osteonecrosis
Derek J. Vos, BS

9:15 AM–10 AM
PANEL DISCUSSION: Mohs
Reconstruction
Moderator: Scott J. Stephan, MD
Anthony E. Brissett, MD
Michael Fritz, MD, FACS
Jessyka G. Lighthall, MD, FACS
Peter C. Revenaugh, MD

10 AM–10:15 AM
Coffee Break

10:15 AM–10:45 AM
PRACTICE MANAGEMENT

10:15 AM–10:45 AM
PANEL DISCUSSION: Practice Options
After Graduation: Academics, Private,
and More!
Moderator: Leslie R. Kim, MD
Benjamin Caughlin, MD, FACS
Anil Shah, MD
Taha Z. Shipchandler, MD
J. Regan Thomas, MD

10:45 AM–12 PM
FACIAL GENDER AFFIRMATION

10:45 AM–11:05 AM
KEYNOTE PRESENTATION: Essentials
of Gender Affirming Facial Surgery
P. Daniel Knott, MD

11:05 AM–11:30 AM
Oral Abstract Author Showcase
Moderator: Joshua D. Rosenberg, MD

Functional Outcomes After
Feminizing Rhinoplasty
Luv Amin

The Role of Tranexamic Acid and
Hormone Replacement Therapy
on Thromboembolic Risk in Facial
Feminization Surgery
Ariel J. Harsinay, BS

Demographics and Trends in Gender-
Affirming Facial Surgery: 2016–2020
Jason H. Lee, MD

Sinus Evaluation Following Facial
Feminization Surgery: A Retrospective
Analysis of 56 Cases
Brianna L. Murphy, MD

11:30 AM–12 PM
PANEL DISCUSSION: Technical Pearls
in Facial Gender Affirmation Surgery
Moderator: P. Daniel Knott, MD
Regina Rodman, MD
Joshua D. Rosenberg, MD
Jeffrey C. Teixeira, MD, MBA, FACS

12 PM–1 PM
Lunch with Exhibitors

1 PM–2:15 PM

NON-CME SESSION: FACIAL NERVE

1 PM–1:20 PM

KEYNOTE PRESENTATION:

Essentials of Facial Nerve

Management

Samuel L. Oyer, MD

1:20 PM–1:45 PM

Oral Abstract Author Showcase

Moderator: Taha Z. Shipchandler, MD

Systematic Review of Pediatric Gracilis Muscle Transfer Outcomes Based on Donor Nerve

Feyisayo Adegboye

Preemptive Facial Reanimation

Jacob K. Dey, MD

Selective Neurectomy with Regenerative Peripheral Neural Interfaces for Facial Synkinesis

Jeffrey T. Gu, MD

Complex Secondary Lower Lip Reconstruction Using Gracilis Free Flap: A Case Series

Alexandra Welschmeyer, MD

1:45 PM–2:20 PM

PANEL DISCUSSION: Today's Biggest Challenges in Facial Nerve Management

Moderator: Priyesh Patel, MD

Patrick J. Byrne, MD

Samuel L. Oyer, MD

Sofia Lyford-Pike, MD

2:20 PM–3 PM

NON-CME SESSION:

MINIMALLY INVASIVE & NON-SURGICAL TECHNIQUES

2:20 PM–2:45 PM

KEYNOTE PRESENTATION: Essentials of Nonsurgical Techniques–Pearls & Pitfalls

Speaker Nora A. Ibrahim, MD

2:45 PM–3 PM

Oral Abstract Author Showcase

Moderator: Linda N. Lee, MD

Doxycycline Injection for the Treatment of Malar Edema: A Case Series and Literature Review

Neha Garg, BA

The Role of Hyperbaric Oxygen Therapy in Soft Tissue Filler Associated Vascular Occlusion: A Systematic Review

Michael Oca

3 PM–3:20 PM

Coffee Break

3:20 PM–5:15 PM

NON-CME SESSION: FACIAL REJUVENATION

3:20 PM–3:50 PM

KEYNOTE PRESENTATION: Essentials of Facial Rejuvenation

Douglas M. Sidle, MD

3:50 PM–4:10 PM

Oral Abstract Author Showcase

Moderator: Linda N. Lee, MD

Lip Lift: Results Longevity How Long Does it Last?

Nisreen Al-Musaileem, MD

Gaze Patterns During Evaluation of Attractiveness: An Eye-Tracking Investigation of Aesthetic Areas of Interest

Forrest W. Fearington

Postoperative Lymphedema Following Rhytidectomy

Anna Lawrence, MD

Review of 200 Consecutive Deep-Plane Facelifts Performed Under Local Anesthesia

Dilip Madhani, MD

The Benefits of Subcutaneous and Topical Tranexamic Acid Use During Rhytidectomy

Jason D. Pou, MD

Choice of Social Media Platform Usage Predicts Positive Body Dysmorphic Disorder Screening and Interest in Cosmetic Surgery

Eric X. Wei, MD

4:10 PM–4:50 PM

PANEL DISCUSSION: Pearls from Practice–Aging Face Surgery

Moderator: Douglas M. Sidle, MD

Patrick J. Byrne, MD

Grace Lee Peng, MD

J. Regan Thomas, MD

4:50 PM–5:15 PM

KEYNOTE PRESENTATION:

Essentials of Hair Restoration

Sahar Nadimi, MD

5:15 PM–6:30 PM

Wine Down Wednesday | Networking Reception



SCHEDULE OF EVENTS

7:30 AM–8 AM
Continental Breakfast

8 AM–9:40 AM
NON-CME SESSION:
RHINOPLASTY

8 AM–8:20 AM
KEYNOTE PRESENTATION:
Essentials of Rhinoplasty
Dean M. Toriumi, MD

8:20 AM–8:50 AM
Oral Abstract Author Showcase
Moderator: Mingyang L. Gray, MD

Pyriform Aperture Expansion: An Adjunct Technique to Functional Nasal Surgery
Neha Garg, BA

Outcomes of Diced Cartilage Dorsal Augmentation in Dorsal Aesthetic Deformities
Cherian Kandathil, MD

Determining Alar Base Preferences in Black Patients Using Machine Learning
Jordan Kai Simmons, MD

Ergonomic Awareness in Rhinoplasty: Correlating Surgeons' Self-perceptions with OWAS Postural Evaluations
Eve Tranchito, MD

8:20 AM–8:50 AM
Outcomes of Nasal Tip and Septal Extension Grafts with Autologous Versus Homologous Costal Cartilage
Manuela von Sneidern, MD

8:50 AM–9:25 AM
PANEL DISCUSSION: Evolutions in Practice—One Thing I Do Differently Now and Why
Moderator: Shiyin Frances Yang, MD
Grace Lee Peng, MD
Joshua D. Rosenberg, MD
Anil Shah, MD
Dean M. Toriumi, MD

9:25 AM–9:40 AM
NON-CME SESSION: RHINOPLASTY & PRACTICE MANAGEMENT

9:25 AM–9:40 AM
Oral Abstract Author Showcase
Moderator: Mingyang L. Gray, MD

Rhinoplasty Tips and Tricks: Patient Perspective on Social Media
Noor-E-Seher Ali, MD

A Deep Learning Analysis for Facial Plastic & Reconstructive Surgery Fellowship Applications
Shaun Edalati, BS

Streamlining Post-Rhinoplasty Patient Care with Artificial Intelligence
Jordan Kai Simmons, MD

Intraoperative 3D Smartphone Photography of Rhinoplasty Surgery
Ila Youssefi

9:40 AM–9:50 AM
NON-CME SPECIAL PRESENTATION

9:40 AM–9:50 AM
FPSAM: Bringing the Journal Content to You, the Reader
Emelia Hughes, MD

9:50 AM–10:10 AM
Coffee Break

10:10 AM–12 PM
NON-CME SESSION: FACIAL TRAUMA

10:10 AM–10:30 AM
KEYNOTE PRESENTATION:
Essentials of Facial Trauma
Jessyka G. Lighthall, MD, FACS

10:30 AM–10:45 AM
Oral Abstract Author Showcase
Moderator: Dominic J. Vernon, MD

Evaluating Mixed Reality as a Tool for Patient Education of Facial Fractures
Angela A. Colback, BS

Outcomes of Transoral Totally Endoscopic Approach for Open Reduction Internal Fixation of Mandibular Subcondylar Fractures
Anna Celeste Gibson, MD

The Application of Fixation Screws for Select Mandible Fractures
Nicholas W. Zaccor MD, PhD

10:45 AM–12 PM
Maxillofacial Trauma Plating Course
This hands-on plating course provides learners with the opportunity to become more familiar with open reduction and internal fixation. Skull models will be available for each participant, and instructors will guide learners through the basics of applying midface and mandible hardware. *This course is primarily geared toward junior level residents.*

The AAFPRS Foundation thanks Stryker for its generous educational support of this event!

Instructors:
Joseph B. Meleca, MD
Amit B. Patel, MD
Leslie R. Kim, MD
Taha Z. Shipchandler, MD
Dominic J. Vernon, MD

12 PM–1 PM
Lunch with Exhibitors

5:30 PM–7 PM
AAFPRS Poster Reception

Thank You!
FOR COMING TO
AAFPRS@COSM2024

See You in 2026
APRIL 22-23 | PHOENIX, AZ



FACIAL GENDER AFFIRMATION

A001

FUE Hair Graft Efficacy and Satisfaction Following Forehead Contouring

Rohith Kariveda, BA

A002

Intraoperative Lactate Elevation during Gender Affirmation Surgery

Ashwini Sarathy, BS

FACIAL RECONSTRUCTION

A003

Outcomes and Predictors of Second Free Flap Reconstruction of the Head and Neck

Dev R. Amin, MD

A004

Enhancing Healthcare Quality through Comprehensive Patient Interviews: A Case Study on Facial Paralysis

Adriana I. Baez Berrios, BS

A005

Socioeconomic and Demographic Predictors of Surgical Management for Facial Synkinesis

Yasaman Naemi Baghshomali, MSc, PhD

A006

Increasing Skin Thickness Over Alloplastic Cranial Implant: A Novel Approach

Emma N. Beer, MD

A007

A Novel Reconstructive Technique for >80% Upper Lip Defect: Bilateral V-Y Advancement with Mucosal Advancement Flap

Roger Bui, MD

A008

Management of Adult NOE Fractures: A Systematic Review and Meta-Analysis

Keith R. Conti, MD

A009

Comparison of Facial Palsy Detection Rates Between Photo and Video Media

Kayva L. Crawford, MD

A010

Implications of Midface Trauma on Pediatric Facial Growth

Sarah Debs, MD

A011

Underlying Mental Health Disorders in Facial Synkinesis

Nicole G. DeSisto, BA

A012

Management of Ballistic Facial Trauma at a Level One Trauma Center

Sarit Dhar, BS

A013

Socioeconomic Disparities in the Management of Facial Paralysis, A Single Institution Study

Radhika Duggal, MA

A014

Quality and Reliability of YouTube Videos for Trainee Education in Facial Paralysis

Hanel W. Eberly, BS

A015

Trainee Perspectives on MatrixWave vs Erich Arch Bars for Maxillomandibular Fixation using a Manufactured Model

Hanel W. Eberly, BS

A016

Evaluating Complications of Immediate vs. Delayed Reconstruction of Mohs Defects for Facial Non-Melanoma Skin Cancer

Neha Garg, BA

A017

Assessment of Blink Dynamics in Facial Palsy: A Novel Tool

Christopher Guirguis, DMD

A018

A Systematic Review Comparing Cartilage-Invasive Otoplasty with Hybrid Techniques

Sylvia Horne, MD

A019

Open Reduction of Zygomaticomaxillary Complex Fractures Using Intraoperative Computed Tomography

Emelia R. Hughes

A020

Management of Refractory Chronic Perichondritis: A Case Series

Alexandra Ibewuiké

A021

Valentine Anguloplasty Static Facial Sling as a Novel Approach for Facial Nerve Reanimation

Ali Jafar, MD, FRCS

A022

Algorithmic Approach to Achieve Tension Free Closure and Mitigate Recurrence in the Management of Recurrent Neck Keloids

Apram Jyot, MD, DDS

A023

Custom Blades for Autologous Augmentation: Alloplastic Implant Alternative

Saumya Kapoor

A024

Effects of Chemodenervation on the Palpebral Fissure

Corin Kinkhabwala, MD

A025

Validating a Virtual Simulation Tool for Local and Regional Flap Reconstruction in the Head and Neck: A Pilot Study

Ella Koonar, MD MSc

A026

Contemporary Outcomes of the Low Forehead Flap in Nasal Reconstruction

Rui Han Liu, MD

A027

Beyond the Critical Gap: A Long-Gap Facial Nerve Regeneration Rodent Model using the Median Nerve

Morgan D. Mills, MD

A028

Orticochea Flap for Scalp Reconstruction of Moderate to Extensive Defects: Case series and Literature Review

Ritam H. Patel, BS

A029

Investigating Host Cell Integration in Cadaveric Costal Cartilage Allografts Using GFP Transgenic Mice Model: A Pilot Study

Travis Peng

A030

Using Eye-Tracking to Compare Casual Observer Perception of Facial Paralysis Subtypes

Nicholas R. Randall, MD

A031

Post-Operative Cosmetic Scores and Revision Rates after Mohs Reconstructive Surgery

Rahul K. Sharma, MD

A032

Non-Invasive Collagen Imaging in Facial Scars Using Polarization-Sensitive Optical Coherence Tomography (PS-OCT)

Aishwarya Shukla, MD

A033

Cost and Inpatient Burden of Orbital Fracture Management: A 14-year Analysis

Eli Stein, MD

A034

Face to Face with eBikes: An Analysis of Facial Injuries in eBike Accidents

Alexander J. Szymczak, BA

A035

The Role of Imaging in Pediatric Maxillofacial Trauma

Evan B. Hughes, MD, MS

A036

Racial Disparities in Postoperative Outcomes of Head and Neck Flap Reconstruction

Caroline Valdez, BS

A037

Patient Preferences in Facial Nerve Reanimation Surgery

Manuela von Sneider, MD

A038

Diagnosis and Surgical Management of Facial Nerve Disorders in the United States: 2007-2021

Eric X. Wei, MD

FACIAL REJUVENATION

A039

Surgical Outcomes and Aesthetic Results of Various Brow Lift Techniques: A Unique VA Experience

Roger Bui, MD

A040

Soft Tissue Facial Volumetric Variations Post Bariatric Interventions: a Scooping Review

Ali Jafar, MD, FRCSC

A041

Efficacy of Autologous Platelet Rich Plasma and Mesenchymal Stem Cell-Derived Exosomes on Androgenetic Alopecia

Cheska J. Molina, BS

A042

3D Printed Models with Variable Rhytid Patterns for Botulinum Toxin Injection Training

Parker Tumlin, MD

MINIMALLY INVASIVE TECHNIQUES

A043

Augmented Reality in Facial Plastic Surgery: A Systematic Review

Feyisayo Adegboye

A044

Cutaneous Hypersensitivity to Chlorhexidine Following Facial Fat Grafting: A Delayed Intradermal Response

Brady J. Anderson, MD

A045

Conflicts of Interest in Literature on Bioabsorbable Implant for Treatment of Nasal Valve Collapse

Aaliyah C. Riccardi, MD

A046

The Use of Fat Grafting to Camouflage Challenging Nasal Irregularities in Thin Skin Patients

Jason Lee Azzi, MD

PRACTICE MANAGEMENT

A047

Increased Prevalence of Positive Body Dysmorphic Disorder Screening During COVID-19

Eric X. Wei, MD

A048

Scroll or Learn? Evaluating Rhinological Surgery Educational Content on Social Media

Ogechukwu S. Anwaegbu, BS

A049

Ergonomics in Facial Plastic and Reconstructive Surgery: A Clinical and Operative Evaluation

Neha Garg, BA

A050

Artificial Intelligence in Facial Plastic Surgery: Utility as a Patient Resource

Walter M. Jongbloed, MD

A051

Breaking the Norm in Medical Face Burn Research: A Call to Action

Joshua Lewis, BS

A052

Magic Mirror in the Pocket: A Scoping Review on the Use of Smartphones in Facial Plastic Surgery

Cai Long, MD

A053

Associations Between Social Media Usage, Body Dysmorphia Symptoms, and Interest in Cosmetic Surgery

Steven Losorelli

A054

Trends in the Evaluation of Facial Plastic and Reconstructive Surgery Fellowships by Prospective Candidates

Natasha Mayer, BS

A055

Litigation Following Surgery for Acute Traumatic Facial Injuries

Mattie Rosi-Schumacher, MD

A056

An Analysis of Social Media-Based Patient Education Materials Related to Microtia and Aural Atresia

Megan LeBeau Swonke, MD

A057

Treatment of Acute Facial Paralysis: Identifying Opportunities for Optimization

Manuela von Sneidern, MD

RHINOPLASTY

A058

Efficacy and Feasibility of Augmented Reality in Rhinoplasty

Feyisayo O. Adegbeye, BA

A059

Risk Factors and Outcomes of Revision Rhinoplasty

Dev R. Amin, MD

A060

Assessing the Efficacy of Patient Education to Mitigate Stress Among Surgery Patients: A Randomized Controlled Trial

Ranny Assaf, MD

A061

The Role of Nasal Surgery in Patients with Erectile Dysfunction and Comorbid Anosmia

Himani Devabhaktuni, B.S

A062

Comparing Ease-of Use and Cost-Effectiveness of 3D Printed Materials for Nasal Osteotomies

Dana Goldenberg

A063

Cadaveric Costal Allograft for Structural Support in Dorsal Augmentation Rhinoplasty

Daniel B. Hall, MD

A064

Rhinoplasty Patient Reported Outcomes Research: A Review of the Literature

Amrita Hari-Raj, MD

A065

Postoperative Recovery and Complications in Obstructive Sleep Apnea Patients After Nasal Surgery: A Comparative Analysis

Nam K. Lee, MD

A066

Standardization of the Nasal Valve Exam: Considerations and Implications

Jordan Kai Simmons, MD

A067

Dorsal Hump Reduction and Keystone Injury in a Fresh Cadaveric Model

Roy W. Qu, MD

A068

Sculpting Diversity: Exploring the Field of Ethnic Rhinoplasty

Devaun Reid, BS

A069

Long-Term Outcomes Following Rhinoplasty using the Combined Septal Extension-Columellar Strut Graft

Mattie Rosi-Schumacher, MD

A070

Nasal Analysis: a Comparison Across Training Levels

Tissana Vallecillo, MS

A071

Evaluating the Efficacy of Septoplasty for Nasal Valve Collapse: A Retrospective Study

Eric X. Wei, MD

NOTES



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