FRIDAY, OCTOBER 29, 2021

08:00 - 09:00  Enhanced Recovery Pathways  
Timothy Marten, MD; Alfonso Barrera, MD; Thomas Mustoe, MD, FACS; Henry Mentz, MD  

10:00 - 12:00  Advances in Nerve Injury  
Gregory Borschel, MD; Phuong Nguyen, MD; Alison Snyder-Warwick, MD; Amy Moore, MD  

10:00 - 12:00  Abstract Presentations: Craniomaxillofacial/Head and Neck Session 1  

Establishing a Novel Treatment Algorithm for Pediatric Mandible Tumor Reconstruction  
Erik Wolfswinkel, MD

Double-Barrel Fibula Flap Mandibular Reconstruction Is Safe and More Amenable to Immediate Dental Implantation Than Single-Barrel Fibula Flaps  
Jorge Trilles

Concomitant Cervical Spine Injuries in Pediatric Maxillofacial Trauma: An 11 Year Review of the National Trauma Data Bank  
Jinesh Shah, MD

Psychometric Validation of the Face-Q Craniofacial Module for Facial Nerve Paralysis  
Lucas Gallo, MD

Pediatric Bone Tissue Engineering: A Short-Term Study Using Dipyridamole-Loaded 3D-Printed Beta-Tricalcium Phosphate Scaffolds to Repair Critically Sized Calvarial Defects in a Growing Translational Animal Model  
Evelyn Demitchell-Rodriguez, MD

Non-Instrumented Free Fibular Transfer for Reconstruction of the Cervical Spine  
Berry Fairchild, MD

Earlier Surgical Intervention May Mitigate Pre-Operative Neural Dysfunction in Craniosynostosis  
Alexandra Junn, AB

Optical Coherence Tomography for Assessment of Elevated Intracranial Pressure in Sagittal Craniosynostosis  
Christopher Kalmar, MD MBA

Comparing Long-Term Outcomes of Open Cranial Vault Reconstruction and Minimally Invasive Strip Cranietomy in Metopic Craniosynostosis  
Ryan Badiee

Socioeconomic Disparities in Craniosynostosis Care  
Christopher Kalmar, MD MBA

Disparities in Geographic Access to Pediatric Trauma Care in the United States  
Jinesh Shah, MD

Trends in Opioid Prescription for Craniofacial Trauma in the US: An 11 Year Retrospective Study  
Matthew Pontell, MD

Hyalomatrix Coverage in Scalp Wounds with Exposed Cranium and Dura  
Steven Kozusko, MD

Assessment of the Wisconsin Criteria at a Level I Trauma Center  
Priya Uppal

Subunit Based Approach to Composite Reconstruction of Facial Gunshot Wounds  
Eric Heffern

Ballistic Injuries to the Mandible  
Blake Berry

An Early Experience with Gender-Affirming Facial Feminization Surgery at a Public, Safety-Net Hospital  
Andre Alcon, MD

1:30 – 3:00  Ballistic Facial Injuries  
Jack Yu, MD; Eduardo Ayuso Rodriguez, MD; Steven Buchman, MD; Robin Yang, MD

1:30 – 3:30  Abstract Presentations: Craniomaxillofacial / Head & Neck Session 2  

Osteoplastic Techniques of Use in the Treatment of Chin Deformities  
Erin Wolfe, B.S.

Disparities in Access to Care for Deformational Plagioccephaly  
Alexandra Junn, AB

Pixel Perfect: Expanding the Role of Virtual Surgical Planning in Adult Orthognathic Surgery  
Karina Charipova, MD

Ergonomics in Craniofacial Surgery: A Survey on Work-Related Musculoskeletal Discomfort and Injury  
Jinesh Shah, MD

Orthognathic Surgery for Craniofacial Microsoma: Outcomes Following Mandibular Distraction  
Evelyn Demitchell-Rodriguez, MD

Definitive Closure of the Tracheoesophageal Puncture Site after Oncologic Laryngectomy: A Systematic Review and Meta-Analysis  
Joseph Escandon, MD

Single Segment Neo-Bandeau Fronto-Orbital Advancement in Children with Craniosynostosis: Technique Adaptation and Cranioometric Analysis  
Zachary Zapatero

Assessment of Intraoperative Transfusion and Blood Loss in Craniosynostosis Repair  

Abstract Presentations: Craniomaxillofacial/Head and Neck Session 3

C103

Digitiform Expansible Cranioplasty for Surgical Correction of Sagittal Synostosis with Clefts

Disparities in Alveolar Bone Grafting and Dental Reconstruction in Patients with Clefts

Proportions of Long-Term Explantations and Complications of Autologous Heterotopic Bone Graft Versus Alloplastic Cranioplasties: A Systematic Review and Meta-Analysis

The Cost of Cleft Care

Incidence of a Patent Mended Suture in Infants up to 18 Months of Age

How Low Should We Go? Safety and Craniofacial Impact of the Low Occipital Osteotomy in Posterior Vault Remodeling

Optimizing Custom Alloplastic Cranioplasty: Experience with a Composite Polyetheretherketone and Porous Polyethylene Implant

A National Assessment on Racial Disparities in Craniofacial Surgery: Discussion of prenatal images, TOP due to cleft

Abstract Presentations: Craniomaxillofacial/Head & Neck Session 4

C104

Complication Profile in Monobloc and Le Fort III Advancements with and without Distraction Osteogenesis: A 46-Year Retrospective Review

Management of External Skin Defects in Patients Undergoing Segmental Mandibulectomy and Reconstruction with a Free Fibula Osteocutaneous Flap

Developing Post-Traumatic Hydrocephalus Following Decompressive Craniectomy Increases Odds of Autologous Cranioplasty Failure, Regardless of Venticuloperitoneal Shunt Placement

Pharyngeal Airway Changes Following Mandibular Distraction Osteogenesis As Evaluated with Laryngoscopy

Major Complications and Associated Risk Factors for Osseous Genioplasty with Bimaxillary Orthognathic Surgery: An ACS-NSQIP Analysis

The Enlarging Tracheoesophageal Puncture Dilemma: Conservative Versus Microvascular Surgical Repair

Decreasing Incidence of Palatoplasty in US Infants – a 17-Year Trend

Facial Nerve Dysfunction after Mandibular Distraction Osteogenesis for Robin Sequence

Facial Nerve Dysfunction after Mandibular Distraction Osteogenesis in Patients with Robin Sequence: A Systematic Review and Meta-Analysis

Timing and Duration of Facial Nerve Dysfunction after Mandibular Distraction Osteogenesis for Robin Sequence

Biomechanical Study of Biodegradable Screw Fixation in Maxillofacial Distraction Osteogenesis

Impact of Varying Segment Lengths of Osteotomized Fibular Free Flaps for Head and Neck Reconstruction: A Multicenter Outcomes Analysis

Predicting Failure of Conservative Airway Management in Robin Sequence

Patient Reported Outcomes in Parry-Romberg Syndrome: Functional and Psychosocial Impact of Disease in Children and Young Adults

Myofascial Flap Closure Decreases Complications in Complex Surgery of the Craniofacial Junction in Ehlers-Danlos Patients

Trends in Medicare Reimbursement for the Top 20 Surgical Procedures in Craniofacial Trauma

Subgaleal Drains Offer Protection Against Infection in Autologous Cranioplasty, Regardless of Defect Size

Evolution of Perioperative Pathways in Cranial Vault Remodeling

Lower Eyelid Reconstruction (including DCR)

Epidemiology of Craniomaxillofacial Trauma at an Urban Level I Trauma Center

Lower Eyelid Reconstruction (including DCR)

Epidemiology of Craniomaxillofacial Trauma at an Urban Level I Trauma Center

Optimizing Timing and Sequencing in the Treatment of Hemifacial Microsomia

Aesthetic Facial Augmentation

Abstract Presentations: Craniomaxillofacial/ Head & Neck Session 5

C104

Abstract Presentations: Craniomaxillofacial/ Head & Neck Session 5

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Abstract Presentations: Craniomaxillofacial/ Head & Neck Session 5

C104
In-House Printed Three-Dimensional Models Used in the Treatment of Acute Cranio-Maxillofacial Fractures: An Alternative to Outsourcing
Michelle Bonapace-Potvin, MD
Joshua Cadwell

Delayed Operation and Complications Following Open Repair of Mandibular Fractures
Hossein Jazayeri

Open Reduction and Internal Fixation Yields Superior Clinical Outcomes to Closed Treatment of Mandibular Condyle Fractures
Joshua Cadwell

Newly Identified Developmental Delays in a Large Population of Children with Non-Syndromic Cleft Lip and/or Palate
Nima Khoshab, MD

Incidence of Orthognathic Surgery in Patients with Repaired Cleft Lip and Palate
Laya Jacob

Socioeconomic Disparities in Cleft Lip Repair
Christopher Kalmar, MD, MBA

A Cross-Sectional Analysis of American Insurance Coverage of Prominairus Otoplasty
Michael Ha, MD

Craniofacial and Volumetric Analysis of Posterior Vault Distraction Osteogenesis: 10 Year Update
Zachary Zapatero

Alterations in Nasal Airway Obstruction after Cleft Tip Rhinoplasty in Mixed Dentition
Anna Carlson, MD

Mandibular Distraction Allows for Safe, Effective, Timely Cleft Palate Repair in RS
Mychajlo Kosyk

Narcotic Utilization after Cleft Lip Repair Based on Local Anesthesia Administered
Christopher Kalmar, MD, MBA

The Implications of Same-Day Discharge after Primary Unilateral Cleft Lip Repair: A NSQIP-Based Study
Nirbhay Jain, MD

Pharyngoplasty Is Associated with Long-Term Sleep-Related Impairment in Patients with Cleft Palate
Sri Harshini Malapati

4:30 - 6:00  Autologous v. Alloplastic Cranioplasty
Chad Gordon, DO, FACS; Branko Bojovic; Edward Davidson, MD; Brian Andrews, MD; Gary Rogers, MD

SUNDAY, OCTOBER 31, 2021

8:00 – 9:00  Kazanjian Lecture:  Arun Gosain, MD

08:00 - 09:00 Abstract Presentations: Craniomaxillofacial/ Head & Neck Session 6

A Survey on Enhanced Recovery after Surgery (ERAS) Elements in Cleft Palate Repair
Christina Grabar

The Role of Facial Sutures in Midface Hypoplasia Associated with Cleft Lip and Palate
Anna Carlson, MD

Cross-Linguistic Speech Evaluation in Patients with Cleft Palate
Jenna Stoehr

A Quantitative Analysis of Awareness for Global Cleft Care
Joshua Weissman

High Fidelity Cleft Lip Simulation Improves Performance and Self-Confidence
Carolyn Rogers-Vizena, MD

The Impact of Early Two-Stage Lip Repair on Speech Outcomes in Bilateral Cleft Lip and Palate
Erin Anstadt, MD

Tissue Augmenting Palatoplasty for Salvage of Speech in Secondary Palate Repair
Jenna Stoehr

Sagittal Growth Restriction of the Midface Following Cleft Lip Repair: A Systematic Review and Meta-Analysis
Karel-Bart Celie, MD

Impact of Socioeconomic Factors on Orthognathic Surgery in Cleft Lip-Palate Patients- a National Assessment
Ryan Keyho

12:00 – 1:30  ASMS ANNUAL BUSINESS MEETING – ASMS MEMBERS ONLY

1:30 - 3:00  Managing Subcondylar Fractures
Larry Hollier, MD; Kamlesh Patel, MD; Srinivas Susarla, MD, DMD; Kavitha Ranganathan, MD; Fan Liang, MD

1:30 - 3:00  Scientific Abstract Presentations: Craniomaxillofacial/ Head & Neck Session 7

Comparative Outcomes of Partial and Full Facial Feminization Surgery: A Retrospective Cohort Study
Bachar Chaya

Decreasing Inpatient Opioid Use Following Orthognathic Surgery
Martin Carney, III, MD

Facial Feminization Surgery and HIV Status Considerations
Ricardo Rodriguez Colon

Facial Gender Confirmation Surgery: Trends from the National Surgical Quality Improvement Program Database
Alexander Murphy

Airway and Feeding in Pierre Robin Sequence: A Comparison of Three Management Strategies
Ibrahim Khansa, MD

Low Rate of Ectropion after Subciliary Incision for Lower Blepharoplasty and Orbital Floor Repair: An Institutional Experience.
Allison Seitz

The Professional and Personal Impact of Involvement in International Global Health Outreach on Student Volunteers
Jenna Stoehr

Expanding Smartphone Follow-up after Patient Discharge from International Facial Reconstruction Collaborations in Ethiopia
Daniel Bradley, BMBS, Bmedsci (Hons)

Comparing Facial Growth in Patients Treated with Active and Passive Presurgical Orthopedic Devices
Mehrad Mojtabah Jaber, MD

Smart Assessment Tool: Objective Assessment of Local Flap Surgical Designs in Facial Reconstruction
Johanna Suskin, BA

Reevaluating the Need for Orthopantomography in the Management of Mandibular Trauma: Is Computed Tomography Enough?
Alexandra Alving-Trinh

Radiographic Optic Nerve Findings and Their Clinical Implications in the Setting of Craniofacial Trauma
Elizabeth Boudia, MD

From Presentation to Decannulation: Comprehensive Treatment and Reconstructive Algorithm for Functional Restoration after Ballistic Injury to the Face

4:30 - 6:00  Facial Feminization: Forehead Contouring, Rhinoplasty, and Mandible Contouring
Jess Ting, MD; William Hoffman, MD; James Bradley, MD, FACS; Devin O’Brien Coon, MD; Justine Lee, MD, PhD, FACS
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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Author(s)</th>
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<tbody>
<tr>
<td>4:30 - 6:00</td>
<td><strong>Abstract Presentations: Craniofacial/Head &amp; Neck Session 8</strong></td>
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<tr>
<td></td>
<td>Minimizing Duration of Headframe Wear for Le Fort I Maxillary Advancement with Distraction Osteogenesis Using Rigid External Distraction Devices</td>
<td>Erin Wolfe, B.S.</td>
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<td>Craniofacial Practice Patterns in Secondary Cleft Rhinoplasty Procedures</td>
<td>Joshua Weissman</td>
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<td>Safety of Contemporary Resorbable Fixation Systems for Craniofacial Reconstruction</td>
<td>Christopher Kalmar, MD MBA</td>
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<td>Virtual Coordinate System in Unicoronal Synostosis</td>
<td>Xiaona Lu, MD</td>
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<td>Long-Term Growth, Functional, and Aesthetic Outcomes after Fibula Free Flap Reconstruction for Mandibullectomy Performed in Children</td>
<td>Farooq Shahzad, MD</td>
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<td>The Low Medial Horizontal Cut in the Sagittal Split Osteotomy: Defining the Safe Margins to Prevent Inferior Alveolar Nerve Injury</td>
<td>Srinivas Susarla, MD, DMD</td>
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<td>Trends in Procedural Coding for Treatment of Mandibular Fractures across Academic Institutions</td>
<td>Andrew Ferry</td>
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<td>Racial Disparities in the Surgical Management of Benign Craniofacial Bone Lesions</td>
<td>Sarah Phillips, BS</td>
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<td>Secondary Reconstruction in Free Flap Failures in Head and Neck Cancers; A Critical Analyses to Surgical Decision-Making</td>
<td>John Gatti, MD</td>
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<td>Nasal Dorsum Reduction during Skin Cancer Surgery: Improving Aesthetics While Facilitating Reconstruction</td>
<td>Seth Aschen, MD</td>
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<td>Public Misperception and Lack of Equity in Head and Neck Cancer Research</td>
<td>Rou Wan</td>
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<td>Nasal Alar and Tip Reconstruction Following Mohs Surgery Using Fresh Frozen Cadaveric Cartilage: A Novel Approach</td>
<td>Emma Johnston</td>
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<td>The Role of Sentinel Lymph Node Biopsy in Cutaneous Head and Neck Melanoma: A Systematic Review and Meta-Analysis</td>
<td>Alvaro Reategui, BA</td>
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<td>Three-Dimensional Analysis of Edema Resolution Following Orthognathic Triple Jaw Surgery</td>
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<td>4:00 – 9:00</td>
<td><strong>ASMS PRESIDENTIAL RECEPTION at the GEORGIA AQUARIUM</strong></td>
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<td>ASMS Members &amp; Invited Guests (RSVP Required)</td>
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<td>4:00 – 8:00 Enjoy open admission to the Georgia Aquarium</td>
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<td>6:00 – 9:00 Private Reception in the Arctic Room, overlooking the Beluga Whale Tank</td>
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<td><strong>MONDAY, NOVEMBER 1, 2021</strong></td>
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<td>08:00 - 09:00</td>
<td><strong>Non-invasive for Non-sagittal Synostosis</strong></td>
<td>Lisa David, MD; Kamlesh Patel, MD; Brooke French, MD; Albert Woo, MD; Oluwaseun (“Seun”) Adetayo, MD, FAAP, FACS</td>
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<td>10:30 - 12:00</td>
<td><strong>ABC's of Cleft Palate Repair</strong></td>
<td>Anand Kumar, MD; Amanda Gosman, MD; S. Alex Rottgers, MD; James Seaward, MD</td>
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<td>10:30 - 12:00</td>
<td><strong>Abstract Presentations: Craniofacial/Head &amp; Neck Session 9</strong></td>
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<td>Soft Tissue Molding As a Non-Surgical Adjunct in the Treatment of Nasal Deformities</td>
<td>Erin Wolfe, B.S.</td>
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<td>Implementation of a Modified Enhanced Recovery Protocol in the Surgical Management of Pediatric Velopharyngeal Insufficiency</td>
<td>Samuel Payne, MD</td>
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<td>Sociodemographic Disparities in Access to Secondary Cleft Rhinoplasty</td>
<td>Sarah Phillips, BS</td>
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<td>Overcorrection in Trigonocephaly: Morphometric Analysis of a Standardized Approach to Fronto-Orbital Advancement</td>
<td>Miles Pfaff, MD</td>
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<td>Characterizing the Coverage Landscape for Rhinoplasty and Septoplasty</td>
<td>Brooks Knighton</td>
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<td>Depressor Anguli Oris Muscle Block Predictive Value to Myectomy Outcomes in a Single Postparesic Facial Synkinesis Cohort</td>
<td>Cristina Sanchez</td>
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<td>If at First You Don’t Succeed: Identifying the Risk Factors for Repeat Operative Intervention in Patients with Nasal Bone Fractures That Underwent Initial Bedside Closed Reduction</td>
<td>Vinay Rao, MD</td>
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<td>Orbitalofacial Morphology Changes with Different Suture Synostosis in Crouzon Syndrome</td>
<td>Xiaona Lu, MD</td>
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<td>Is ERAS for Everyone?: A Comparison of Pain Control Outcomes across Veau Classifications Following Primary Palatoplasty</td>
<td>Alfredo Cepeda, MD</td>
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<td>Bilateral Buccal Flap Revision Palatoplasty to Correct VPD: Perceptual Speech, Acoustic, and Aerodynamic Outcomes</td>
<td>Joseph Napoli, MD, DDS</td>
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<td>Fistula Rates in Conversion Furlow Palatoplasty with and without Buccal Flap Augmentation</td>
<td>Austin Lignieres</td>
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<td>Objectifying Depressor Anguli Oris (DAO) Counteraction to a Natural Smile in Synkinetic Facial Palsy Patients with High-Resolution Ultrasound</td>
<td>Leonard Knoedler</td>
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<td>A Single Institutional Review of Periauricular Vestiges and Renal Anomalies: The Role of Screening Renal Ultrasound</td>
<td>Carlotta Barbon, MD</td>
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<td>1:30 - 3:00</td>
<td><strong>Management of Parry-Romberg Syndrome--When and How?</strong></td>
<td>John Siebert, MD; Ingrid Ganske, MD MPA; S. Alex Rottgers; Matthew Greives, MD</td>
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<td>1:30 - 3:00</td>
<td><strong>Abstract Presentations: Craniofacial/Head &amp; Neck Session 10</strong></td>
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<td>Initial Management of Orbital Trauma; Is an Ophthalmologic Evaluation Necessary?</td>
<td>Maria Yan, MD</td>
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<td>Understanding the Management of Traumatic Orbital Apex Syndrome: A Systematic Review of the Literature</td>
<td>Ankoor Talwar</td>
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<td>Influence of Nonsyndromic Biceronal Synostosis and Syndromic Influences on Orbit and Periorbital Malformation</td>
<td>Xiaona Lu, MD</td>
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<td>Concomitant Ocular Trauma in Orbital Fractures; Predictors of Surgical Vs. Medical Intervention?</td>
<td>Maria Yan, MD</td>
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<td>Comparing Depressor Anguli Oris Myectomy Versus Transfer to Depressor Labii Inferioris Smile Parameters in Synkinetic Facial Paralysis Patients</td>
<td>Cristina Sanchez</td>
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<td>Are Two Veins Better Than One in Free Flap Head &amp; Neck Reconstruction?</td>
<td>Daniel Boczar, MD</td>
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Novel and Affordable Low-Cost Technique for Fixation of Parasymphyseal Fractures in Infants with Unerupted Dentition
Mohammed El Fahar, MD, PhD, EBOPRAS, DAFPRS

A Demographic Analysis of Craniomaxillofacial Trauma in the Era of COVID-19
Robert Clark

Progressive Refinements of Free Fibula Flap for Skeletal Reconstruction of the Head and Neck Region: A Single Surgeon’s Experience
Fuat Baris Bengur, MD

Biomaterials for Correction of Temporal Hollowing: A Systematic Review
Nusaiba Baker

Microtia Ear Reconstruction Using the Nagata Technique: An Outcomes Analysis Focusing on Revisions
David Lobb, MBChB

Multiscale Sterilizable 3D Printed Auricular Templates to Guide Cartilaginous Framework Sizing and Sculpture during Autologous Microtia Reconstruction
The Role of 3D Scanning Technique in Accurate Evaluation of the Skin Surface Area of the Skin Deficiency and the Skin Acquired in Tissue Expander Reconstruction Patients
Verrucous Venous Malformation: A Case Series
Hannah Dowdy-Sue

3:30 - 5:00 Rarer Cutaneous Malignancies (ie. DFSP, Merkel)
Brian Gastman, MD; Devra Becker, MD; Jonathan Lee, MD, MPH; Rogerio Neves, MD, PhD

3:30 - 5:00 Abstract Presentations: Craniomaxillofacial/ Head & Neck Session 11
C104
A Comparative Study of the Effectiveness of Endoscopic Assisted Strip Craniectomy in the Treatment of Single Suture Craniosynostosis Beyond 3 Months of Age
Maria Yan, MD

Does Different Cranial Suture Synostosis Influence Orbit Volume and Morphology in Apert Syndrome?
Xiaona Lu, MD

Estimated Blood Loss in Surgical Craniosynostosis Repair: A Predictor of Longer Hospital and ICU Stays
Tracey Cook, MD

ICP and Follow up Monitoring in Pediatric Craniosynostosis: A Cross-Sectional Survey of Craniofacial Center Surgeons
Rosaline Zhang, MD

Clinical Significance of Clinocephaly in Late-Presentation Sagittal Craniosynostosis
Miles Paff, MD

National Trends in Deep Venous Thrombosis and Pulmonary Embolism in the Adult Craniofacial Population
Grant Lewin

Decreasing Inpatient Opioid Use Following Orthognathic Surgery
Martin Carney, III, MD

Decreasing Inpatient Opioid Use Following Orthognathic Surgery
Joseph Firriolo, MD

Cranioptagus Separation Using a Novel Tissue Expander Design
Michaela O’Connor

Analysis of Referral Patterns for Patients with Craniofacial Skeletal Trauma and Concurrent Traumatic Brain Injury (TBI)
Christina Beck, PhD

Gender Disparities in Craniofacial Surgery
Brittany Lala, MD

Socioeconomic Status and Health-Related Quality of Life of Craniofacial Patients
Jessica Blum

Multimodal Analgesia Decreases Postoperative Narcotic Use in Pediatric Patients Undergoing Orthognathic Surgery
Gabriela del Pilar Garcia Nores

The Effect of Early Cleft Lip Repair on Infant Weight Gain

5:00 – 6:00 Closing Ceremonies (formerly plaques & gavels)
GWCC – Room C 111