

2024 ACPA Annual Meeting Livestream Program

All times are in U.S. Mountain Time Zone (MT)

Wednesday, April 10, 2024

8:15 - 8:45 am

Opening Ceremony and Awards Presentation

8:45 - 9:45 am

Inspirational Keynote

Cleidocranial Dysplasia and CCD Smiles: Our Stories

Kelly Wosnik and Gaten Matarazzo

10:15 - 11:55 am

General Session 1

(10:15) *Perceptual Ratings of Hypernasality Strongly Correlate with Velopharyngeal Gap Size During Sustained Phonation on MRI*

Jessica L. Williams

(10:25) *Utility of Caregiver-Reported Early Milestones in Single Suture Craniosynostosis*

Alexis L. Johns

(10:35) *Examining Factors that Impact Interpretability of Nasopharyngoscopy Assessment*

Taylor Snodgrass

(10:45) *Craniofacial Assessment of Infants with Robin Sequence Treated with an Institution's Orthodontic Airway Plate - Treatment Protocol versus Mandibular Distraction Osteogenesis*

Konstantinia Almpiani

(10:55) *Furlow Palatoplasty vs Intravelar Veloplasty: Examining Early Differences in Speech Sound Development in Toddlers with Repaired Cleft Palate*

Adriane Baylis

(11:05) *Decreasing the Burden of Care: A Cost-Effectiveness Analysis of Early Cleft Lip Repair*

Idean Roohani

(11:15) *Ear and Hearing Care in Infants and Toddlers with Cleft Palate: A Snapshot of Current Practices in the US*

Ursula M. Findlen

(11:25) *Revolutionizing Cleft Care in Underserved Communities: A Mobile Cleft Clinic Powered by Advanced Technology*

Hannah Xu

(11:35) *A Tailored Machine Learning Approach for Cleft Lip Symmetry Analysis*

Karen Gissell Rosero Jacome

(11:45) *Functional Changes to the Soft Palate Following the Use of a Pedicled Buccal Fat Pad Flap During Primary Palatoplasty*

Katelyn J. Kotlarek

1:00 - 2:00 pm

Panels 1

The Role of Advocacy to Improve Access to Care, Community Awareness and Access to Resources in Improving Cleft and Craniofacial Care

Elizabeth Prada, Thomas Samson, Rachel Sharnetzka, Suzanne Woodard, Lexi Stauffer, Lauren Madhoun

3:00 - 4:40 pm

General Session 2A

(3:00) *A Conceptual Thematic Framework of Psychological Adjustment in Caregivers of Children With Craniofacial Microsomia*

Nicola M. Stock

(3:10) *Long-Term Outcomes of a Modified Straight-Line Palate Repair Technique: Low Fistula and Speech Correcting Surgery Rates with Single Layer Closure at the Hard-Soft Junction After 13 Years*

Sasha Lasky

(3:20) *Rates of Velopharyngeal Insufficiency and Fistula Following Primary Palatoplasty: Is Pierre Robin Sequence Requiring Distraction a Predictor of Poorer Outcomes?*

Stefanie E. Hush

(3:30) *Establishing the Pediatric Head Circumference Growth Curve for Patients with Sagittal Craniosynostosis*

Casey Zhang

(3:40) *Quantifying Surgical Outcomes in Patients with Non-Syndromic Craniosynostosis: AI-Driven Real-Time Evaluation of 3D Photogrammetry*

Connor Elkhill

(3:50) *Weight Gain of Infants with Robin Sequence Treated Nonsurgically Using an Institution's Orthodontic Airway Plate: 1-Year Follow-Up*

HyeRan Choo

(4:00) *Navigating Care for Patients with Craniofacial Abnormalities Utilizing Patient Lists in Epic Electronic Medical Record*

Mary Church

(4:10) *Navigating Challenges in Craniofacial Care for Children in the Foster System*

Laura Garcia

(4:20) *Examining the Utility of MRI and Nasopharyngoscopy in the Preoperative Assessment of VPI in Patients with Repaired Cleft Palate*

Jessica L. Williams

(4:30) *Investigating the Feasibility for Ambulatory Primary Cleft Palate Repair*

Allison L. Diaz

Thursday, April 11, 2024

7:00 am - 8:30 am

Instructional Courses and Study Sessions 1

Comprehensive Treatment of Palatal Fistulae: Effective Surgical Techniques

Ghulam Qadir Fayyaz, Jordan W. Swanson

9:00 - 10:00 am

Research Keynote

The Psychology of Facial Difference: Communication, Stigma, and Social Support

Kathleen Bogart

10:15 - 11:55 am**Junior Investigator Session**

(10:15) *Comparison of Orthognathic Surgery Rates Between Furlow Double-Opposing Z-Plasty Versus Straight-line Repair: A Review of Three Decades of Experience*

Sasha Lasky

(10:25) *Pediatric Bone Tissue Engineering: Dipyridamole-Loaded 3D-Printed Bioceramic Scaffolds Can Stimulate Stable Bone Generation in an In Vivo Growing Pig Model Through Facial Maturity*

Allison L. Diaz

(10:35) *Identifying Increased Intracranial Pressure in Non-Syndromic Sagittal Craniosynostosis Using Machine Learning Analysis of CT Images*

Jasmine M. Chaij

(10:45) *Nano-Sized Bone Particles – An Alternative to Autologous Bone Grafting in the Pediatric Patient with Cleft Lip/Palate?*

Sameer Shakir

(10:55) *Laryngeal Aerodynamics and Acoustics in Children with Cleft Palate*

Robert Brinton Fujiki

(11:05) *Formulation of E-Liquid Component in Electronic Nicotine Delivery Systems Affects Craniofacial Development*

Ethan Richlak

(11:15) *Broadening Access to Patient Educational Information in Resource-Limited Settings*

Jinggang J. Ng

(11:25) *Man vs. Machine: 3D Automated Milling of Auricular Frameworks*

Jina Yom

(11:35) *Socioeconomic Deprivation and Language Outcomes in Toddlers with Cleft Palate*

Robert Brinton Fujiki

(11:45) *Leveraging AI's Potential: Real-Time Prediction of Longitudinal Patient Development Using Imaging Data*

Connor Elkhill

1:15 - 2:15 pm**Panels 2**

Variations in Cleft and Craniofacial Care: A Patient-Centered Decision-Making Framework

Geisel Collazo-Garcia, Christian J. Vercler, Angie Zaki-Sabet, Cindy O. Trevino, Julia Corcoran

2:30 - 3:30 pm**Instructional Courses and Study Sessions 2**

Patient Autonomy in the Treatment of Velopharyngeal Dysfunction: Navigating Shared Decision Making

Margaret Lico, Linda D. Vallino Napoli

3:45 - 4:45 pm**Panels 3**

Culturally Sensitive Care for Individuals with Cleft and Craniofacial Differences: Are We Getting Better at Providing Inclusive Care?

Geisel Collazo-Garcia, Natalie Wombacher, Christian J. Vercler, Alexis L. Johns

5:00 - 6:15 pm

Short Talks 1: Surgical

(5:00) *Financial Analysis of Routine Intensive Care Unit Admission Following Palatoplasty in Patients with Robin Sequence*

Nicole C. Episalla

(5:05) *Asymmetric Pre-Graft Expansion Using Clear Aligner Therapy in Patients with Unilateral Cleft Lip and Palate*

Kristen Lowe

(5:10) *Impact of a Multidisciplinary Craniofacial Surgical Team Meeting on Adherence to Clinical Pathways and Perioperative Outcomes in Craniosynostosis Surgery: Does it Help?*

Austin Grove

(5:15) *Abbe Flap Division Before Two Weeks' Time: Harmful or Advantageous?*

John N. Muller, Jr.

(5:20) *Springs vs. Helmet: A 15-year Experience with Minimally-invasive Treatment for Craniosynostosis*

Lawrence O. Lin

(5:25) *Biodegradable Metallic Implants in a Minipig Mandible Model: A Pilot Study with Applications to Pierre Robin Sequence*

Justin Cordero

(5:30) *What Free Flaps Are Surgeons Using for Palatal Fistula Repair for Patients with Cleft Palate: A Systematic Review*

Eugene Zheng

(5:35) Discussion

(5:40) *Reporting Demographics, Race, Ethnicity and Socioeconomic Characteristics of Patients with Craniosynostosis: Guidelines for Reporting in Clinical Studies*

Mary Kristine Carbullido

(5:45) *Endoscopic Spring Mediated Distraction for Management of Coronal Craniosynostosis*

Ruth Tevlin

(5:50) *LeFort I Maxillary Distraction with Bollard Plates and Class III Elastics*

Stephen Yen

(5:55) *Back to the Bottle: Comparison of Surgical Outcomes after Changes to Post-Operative Feeding Protocols*

Margaret Lico

(6:00) *Buccal Flap during Primary Furlow Palatoplasty Decreases Likelihood of Velopharyngeal Insufficiency in Patients with Cleft Palate*

Jose E. Barrera

(6:05) *Utility of Patient-Specific Cutting Guides in Le Fort II Distraction with Zygomatic Repositioning*

Nathan Calzadilla

(6:10) Discussion

Friday, April 12, 2024

7:00 - 8:00 am

Instructional Courses and Study Sessions 3

Improving Team Care in your Electronic Health Record

Catharine Garland, Jessica Weberding, Johnice Haddaway Hargadon, Dawn Leavitt, Sara Kinter, Ursula M. Findlen, Kamlesh Patel, Daniel Y. Cho

8:15 - 9:30 am

Concurrent Sessions 1

The Power of Lived Experience: Facing Cleft and Craniofacial Care Forward

Bieke L. kreps, Dina Zuckerberg, Kariym C. Joachim, Jackson Doane, Iva Ballou, Kenny Adouin, Phyllida Swift, Gareth Davies

10:30 - 11:50 am

Concurrent Sessions 2

Psychosocial/Quality of Life 1

(10:30) *Brain Development and Function among Infants with Cleft Lip and/or Palate, Prior to Exposure to Anesthesia*

Amy L. Conrad

(10:40) *Supporting the Relationship Between Cleft Team Providers and Infant Caregivers Through Clinical Social Work Practice and Behavioral Health Assessment Tools*

Jeanette L. Mazon

(10:50) *“My Roadmap”: An Educational Tool for Patients and Families to Understand Cleft Management Plans*

Geisel Collazo-Garcia

(11:00) *Application of an Implementation Science Approach in Cultural Adaptation, Validation Assessment and Evaluation of Organizational Readiness for Social Determinants of Health Screening in Children with Cleft Lip and Palate*

Abdulrasheed Ibrahim

(11:10) *Spiritual Distress in Caregivers of Patients with Cleft and Craniofacial Anomalies – A Single-Center Cross-Sectional Study*

Patrick F. Mercho

(11:20) *Addressing Social Needs During Multidisciplinary Team Visits: Effectiveness of a Screening Program*

Geisel Collazo-Garcia

(11:30) *A Suicide Screening Program for Patients with Cleft: Incidence and Findings*

Sara A. Baysinger

(11:40) *A Virtual Reality Psychosocial Support Tool for Adolescents with Orofacial Clefts*

Grace Peters

1:00 - 2:30 pm

Concurrent Sessions 3

Speech/VPI 2

(1:00) *Analyzing the Articulation Pattern Among Patients with Submucous Cleft Palate*

Jingtao Li

(1:10) *Findings from the Cleft Language and Auditory Skills (CLAS) Study: The Relationship Between Speech, Language and Listening Behaviors*

Stephanie van Eeden

(1:20) *Speech Error Variability in Children with Cleft Palate*

Caitlin Cummings

(1:30) *Comparison Between Speech Therapy and Surgery in Managing Marginal Velopharyngeal Insufficiency*

Jingtao Li

(1:40) *Reference Samples of Glottal Stop and Pharyngeal Fricative from Individuals with Cleft Palate Speech in Pernambuco, Northeast of Brazil*

Micheline Coelho R. Vasconcelos

(1:50) *Agreement During Identification of Compensatory Articulation in Cleft Palate Speech*

Micheline Coelho R. Vasconcelos

(2:00) *Characterizing Speech Phenotype in Individuals with Craniofacial Microsomia: A Scoping Review*

Sara Kinter

(2:10) *The Ongoing Impact of a Cleft Palate Speech Training on the Clinical Practices of 30 Vietnamese Speech-Language Pathologists After Returning to Their Hospitals and Cleft Teams*

Catherine J. Crowley

(2:20) *Between- and Within-Group Differences in Craniofacial and Velopharyngeal Dimensions from 0-12 Months Based on Age and Sex*

Samantha J. Power

3:30 - 5:00 pm

Concurrent Sessions 4

CLP Surgery 4 - Cleft Palate

(3:30) *Technique and Outcomes in Tissue Augmenting Palatoplasty for Cleft Palate Repair: A Single Institution Analysis*

Nicolas M. Kass

(3:40) *Is Tissue Replacement During Primary Palatoplasty a Key to More Consistent Speech Results? A Retrospective Review of 438 Patients Receiving Tissue Replacement Surgery*

Robert J. Mann

(3:50) *Two Stages Palatoplasty with Uvular Flap to Improve Palatal Length. A Comparative Clinical Study*

Marcelo V. Mazzetti

(4:00) *A Nationwide Analysis of Perioperative Complications in Sphincter Pharyngoplasty: A Decade Review*

Idean Roohani

(4:10) *The Horizontal Split Technique of Posterior Pharyngeal Flap Attachment: Speech and Airway Outcomes in 220 Patients*

Carolina J. Romero Narvaez

(4:20) *Evaluation of a New Surgical Tactic in the Prevention of Oronasal Fistula Following Cleft Palate Surgery*

Geza Laszlo Urmenyi

(4:30) *Effect of Age at Pharyngeal Flap Surgery: Impact on Speech and Airway Outcomes*

Lucy E. Moreman

(4:40) *The Association of Pharyngeal Flaps and Obstructive Sleep Apnea in Patients with Cleft Palate: Meta-Analysis*

Vicky Yau

(4:50) *The Marijuana "Pot"hole: Creation of a THC Cessation Guideline for Patients Planning Elective Craniofacial Surgery*

Kristine Miu

Additionally, the following presentations will be recorded and available after the meeting in your online library account*:

*You will receive an email when the archive is ready with a direct link to your ACPA account.

Panels 1

The Next Frontier of Cleft Care in Low- and Middle-Income Countries: Addressing the Disparity in Speech, Audiology, and Otolaryngology Care Globally

Sara Horne, Ryan Belcher, Travis Tollefson

General Session 2B

Sub-Saharan Africa on the Move: A Decade of Growth of Cleft Speech Therapy and VPI Management

Catherine J. Crowley, Sara Horne, Edouardo Adjassin, Solomon Obiri-Yeboah, Calvin Kisembo, Adeola A. Olusanya, Nkeiruka Obi, Jane Ngige, Adam Said Mang'Ombe, Peter P. Donkor

Ethical Considerations for Data Sharing in Craniofacial Research: The Importance of Incorporating Patient, Family, and Community Perspectives into Research Practices

Stephanie A. Kraft

Evaluating the Impact of a Global Cleft Speech Mentorship Program on Expanding Practitioner Competency in Low- and Middle-Income Countries

Sara Horne

Impact of a Five-Day Intensive International Training on SLPs' Expertise in Cleft Palate Speech: Results from Oaxaca, Mexico

Catherine J. Crowley

Does Timing Matter? Early vs. Late Tympanostomy Tube Placement in Infants with Cleft Lip and Palate: A Pilot RCT

Katie Garland

Instructional Courses and Study Sessions 1

Cleft Palate Speech Assessment Practice: Rating Speech Parameters with the CAPS-A-AM

Kelly Cordero, Adriane Baylis, Kathy Chapman, Angela Frazer, Kari M. Lien, Judith Trost-Cardamone, Kristina Wilson

Panels 2

Promoting Health Equity in Cleft Care: An Approach to Family Education

Mary Church, Amanda M. Smith, Azure Koehler, Richard Kirschner, Rachel P. Dies, Maleah K. Blake

Instructional Courses and Study Sessions 2

Demystifying Craniofacial Speech for the Non-Speech Pathologist

Lauren Beckett, Hannah R. Sanford-Keller, Kelsey Frazier

Panels 3

Building Capacity in Africa by Being Invisible: The True Magic of Cleft Care

John A. van Aalst, Anne V. Hing, Adetokunbo R. Adebola, Solomon Obiri-Yeboah, Anna White, Thao T. Wolbert

Short Talks 2: Non-Surgical

A Preliminary Review of Hearing Loss in Children with Craniosynostosis

Eric Min

Implementation of a Clinically Feasible Velopharyngeal MRI Assessment Protocol: Factors that Influence Success Rate and Quality of Data

Kazlin Mason

Geospatial Demand for Cleft Care in the United States

Matthew J. Parham

Impact of Social Vulnerability, Race, and Urbanicity on Surgical Timing for Patients with Craniosynostosis

Emily E. Hecox

Growth Velocity in U.S. Children With Orofacial Cleft From Birth to 36 Months of Life

Christy McKinney

A Deep Neural Network for Hypernasality Detection in Patients with Cleft Palate

Kayla Prezelski

Enhancing Mind-Body and Radical Acceptance Skills through Cognitive, Emotional, and Interpersonal Training (EMBRACE-IT): A Pilot Group Intervention for Youth with Craniofacial Conditions

Eric Riklin

Improving Longitudinal Care: Evaluation of Factors that Increase Appointment Adherence Rates for Speech Assessments

Camryn Heister

Pilot Testing the Cellie Coping Kit for Craniofacial Conditions with Families with School-Age Children

Janine Rosenberg

Prenatal Diagnosis and Counseling Offer Superior Family Psychosocial Indicators Compared to 'Birthday Surprise'

Elisa K. Atamian

The Impact of Craniofacial Diagnoses on Patient-Reported Psychosocial Function

Nikhil D. Shah

Immediate Impact of Patient-Reported Outcome Metrics (PROMs) on Provision of Cleft Lip and Palate Care

Nicolette T. Bushman

3D Tomographic Assessment of the Upper Airways in Adolescents and Adults with Treacher Collins Syndrome

Ivy Trindade-Suedam

A Method for Facilitating Inter- and Intra-rater Reliability of Perceptual Speech Ratings of Patients with Cleft Palate/VPD

Adriane Baylis

Instructional Courses and Study Sessions 3

Fringe Feeding Topics: Answers to Families' Next Questions

Karla A. Haynes, Sally Danto, Susan S. Greenberg, Aaron Tanner

Concurrent Sessions 1

Multidisciplinary Treatment of Sleep Apnea in Patients with Craniofacial Anomalies

Karen Carver, Sean Edwards, Fauziya Hassan, Suzanne Barnes, Marilia Yatabe, Erin Kirkham

Concurrent Sessions 2

Craniofacial Surgery 1

Anatomy of the Orbit in Unilateral Coronal Synostosis (UCS): Segmentation and Quantification of the Orbital Cavity in Terms of Surrounding Bony Structures in a Large Sample of Individuals with UCS

Tron A. Darvann

Timing of Spheno-occipital Synchondrosis Fusion in Muenke Syndrome

Meagan Wu

The Spectrum of Severity in Metopic Craniosynostosis: Updating the Record using the CranioRate™ Machine Learning Algorithm

Anne E. Glenney

The Impact of Intraoperative Parameters on Pediatric Craniosynostosis Surgical Outcomes

Grace Longfellow

Comparison of Long-term Relapse Rates in Syndromic versus Non-Syndromic Coronal Synostosis

Tayla Moshal

Genetic Heterogeneity is not Associated with Craniofacial Surgical Burden in Patients with Saethre-Chotzen Syndrome

Dominic J. Romeo

Evaluation of Outpatient Minimally Invasive Single Suture Craniosynostosis Repair and an Analysis of Early Complications

Abdullah Said

Early Posterior Vault Distraction Osteogenesis for Syndromic Craniosynostosis: Surgical Burden and Treatment Patterns

Meagan Wu

Elevated Intracranial Pressure in Patients with Craniosynostosis by Optic Nerve Sheath Diameter and Optical Coherence Tomography

Dominic J. Romeo

Concurrent Sessions 3

Feeding/Nutrition/Nursing

Infant Growth Nutrition Feeding Home Monitoring Program for Infants with Cleft Palate

Megan Halvorson

How are Interdisciplinary Providers Trained in Feeding Infants with Cleft Palate?

Evy Loomis-Goltl

Comparing Feeding Management between Infants with Cleft Palate with and without Pierre Robin Sequence

Jessica L. Williams

A Dedicated Multidisciplinary Growth and Feeding Clinic for Infants with Cleft Lip and/or Palate Demonstrates Need for Intervention in a Vulnerable Population

Kayla Prezelski

Leveraging Active Machine Learning for Efficient Record Screening in a Systematic Review of Growth in Young Children with Orofacial Clefts

Anna Meehan

Breast Milk Feeding and Weight Trajectories in Infants with Robin Sequence

Ian M. Pollack

Social Vulnerability Index Influences Early Nutritional Outcomes in Patients with Cleft Palate

Ashlie A. Elver

Developing a Remote Patient Monitoring Program to Track Feeding Progress and Monitor Frequent Weights in the Cleft and Craniofacial Population

Jessica Weberding

Primary Surgeries Outcomes: Implementation of an Audit Protocol for Comprehensive Cleft Care and Quality Improvement in a Middle-Income Country Cleft Center

Melissa Zattoni Antonelli

Concurrent Sessions 4

Quality Improvement

Over the Ridge: Discerning Metopic Ridge vs. Metopic Craniosynostosis Using an Image-Based, Deep-Phenotyping Toolset

Cristian Gonzalez

Developing the ASCFS ERAS Pathway for Craniosynostosis

Alexandra D. Center

Building the Leadership and Quality Improvement Capacity in Cleft Care in Africa: Mind the Gap

Claudia Malic

Evaluation and Narrative Review of a Cleft-Craniofacial Research and Mentoring Program

Nicolas M. Kass

Optimization of the Electronic Health Record for Craniofacial Team Care

Catharine Garland

Cleft Care: Populations with Unique Needs

Sandra R. Barrett, Jennifer Shiel

A New Resource to Educate and Empower Patient Families: The Utilization of a Therapeutic Library for Children for Uncovering and Addressing Unmet Psychosocial Needs of Patients

Born With Craniofacial Differences

Sharon Vargas

The Benefits of an Outreach Coordinator on a Cleft/Craniofacial Team

Jamie Idelberg

Generating Post-Operative Discharge Instructions with ChatGPT: A Qualitative Analysis

Andi Zhang