

PROGRAM



American
Cleft Palate-
Craniofacial
Association

ACPA

79TH ANNUAL MEETING
FORT WORTH, TX

2022 > Omni Fort Worth
March 29 - April 2



American Society
of
Craniofacial Surgery

29TH ANNUAL MEETING

Make an *impact*

IN THE CLEFT AND CRANIOFACIAL COMMUNITY

Donate to ACPA's 2022 Thrive Campaign today

The Thrive Campaign is a week-long annual fundraising initiative to provide funding for ACPA programs and services that support patients affected by cleft and craniofacial conditions, their families and the professionals who provide their care.

As ACPA embarks on a new strategic plan, donor support will play an important role over the next three years. Your gift will not only support ACPA's legacy programs, but will also give ACPA the resources to implement new programs as we find innovative ways to reach the people who need us most.

For more information visit the Thrive Table near registration or contact Charlene Bell, Development Manager at Charlene.Bell@acpa-cpf.org or (919) 933-9044 ext. 205.

ACPA'S 2022-2024 STRATEGIC PRIORITIES



Help us lead interdisciplinary cleft and craniofacial care so patients and families



Donate today

Scan the QR code, or visit the Thrive table near registration.



PROGRAM GUIDE

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Setting the Standard for Excellence in Craniofacial Team Care

Learn more about what our teams can do at [NationwideChildrens.org/Plastic-Surgery](https://www.nationwidechildrens.org/Plastic-Surgery)



NATIONWIDE CHILDREN'S®

When your child needs a hospital, everything matters.

CONTINUING EDUCATION

DEADLINE TO COMPLETE EVALUATION TO RECEIVE CREDIT: June 15, 2022

EDUCATIONAL OBJECTIVES: Each learner will be able to discuss new topics and advancements in research, clinical and team-driven care of patients with cleft and craniofacial anomalies. Each learner will be able to identify and consider various clinical techniques, research findings and improvements in team care for affected individuals. Each learner will be able to explain the challenges of outcomes reporting, team coordination, managing patient treatment and considering possible solutions. Each learner will be able to incorporate ideas learned from colleagues across multiple disciplines, teams and locations to better serve their patients through team care.

CONTINUING EDUCATION CREDITS

	ACCME	ANCC	ASHA CEUs	Instructional Level
Convention	24.5	24.5	24.5	Various
Thursday Study Sessions	1.5 each	1.5 each	.15 each	Various
Friday Study Sessions	1 each	1 each	.10 each	Various
Advanced/Foundational	1.5 each	1.5 each	.15 each	Advanced/Introductory
Maximum Available Credits	28.5 hours	28.5 contact hours	2.85 ASHA CEUs	



AMERICAN SPEECH-LANGUAGE-HEARING ASSOCIATION

This program is offered for up to 2.85 ASHA CEUs (Various Levels, Professional Area).

CONTINUING MEDICAL EDUCATION

Accreditation Statement: The American Cleft Palate-Craniofacial Association (ACPA) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide accredited continuing education for physicians.

Designation Statement: ACPA designates this educational activity for a maximum of 28.5 **AMA PRA Category 1 Credits™**. Physicians should only claim credits commensurate with the extent of their participation in the activity.



The American Cleft Palate-Craniofacial Association is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation. This educational activity is offered for up to 28.5 nursing contact hours. Learners will be awarded contact hours for only the sessions they attend.

To receive nursing contact hours, learners must: Attend 1 or more sessions. Attend 80% or more of each session attended. Complete and submit an evaluation form.

CE CHECKLIST

Attendees at the in-person Annual Meeting will also have access to On-Demand virtual courses through June 2, 2022. These virtual courses will also offer accredited continuing education. Go to learning.acpa-cpf.org to access the Annual Meeting Virtual Platform. Please contact meetings@acpa-cpf.org if you have any issues accessing the virtual platform.

For attendees who plan to watch On-Demand virtual courses:

- Log-in to the ACPA Annual Meeting Virtual Platform: learning.acpa-cpf.org.
- Make sure your profile has been fully completed, especially that the correct reporting organization has been selected (ACCME, ANCC, or ASHA).
 - ASHA members, be sure to add your 8-digit ASHA ID to your profile.

To receive credit for in-person sessions:

- In the menu on the right, go to "My Classroom" and select the course "ACPA's 79th Annual Meeting".
 - Click on the Chapter titled "In-Person Meeting" and complete the associated evaluation survey to receive credit for the courses you attended in Fort Worth.

To view and receive credit for On-Demand Virtual courses

- Go to My Classroom and select the course "ACPA's 79th Annual Meeting".
- Virtual courses will be grouped into "Chapters" based on their content and runtime. For each Chapter you view, complete the associated evaluation in order to earn continuing education credits.

To download your CE Certificate

- Once you have finished viewing all On-Demand courses and completing the associated evaluations, click on "My Credit" in the menu on the right.
- Scroll down until you see the course "ACPA's 79th Annual

Meeting". Click on the button labeled "View (ACCME/ANCC/ASHA) Certificate" in order to view/download your CE certificate.

- All attendees must submit their evaluations by June 15, 2022. Credit will not be awarded after that date.

For attendees who do NOT plan to watch On-Demand virtual courses:

- Attendees must check-in when they arrive.
- Attendees must attend at least 80% of each session for which they are requesting CE credits.
- Attendees requesting ASHA CEUs must complete the ASHA continuing education form and evaluation. Attendees must return their completed ASHA continuing education forms to the ACPA Registration Desk when they leave the meeting.
- Attendees must register, attend and evaluate each meeting session for which they are requesting credit.
- Attendees must check-out when they leave the meeting.
 - Evaluations will be available at the ACPA Registration Desk. Attendees must complete and return the Annual Meeting evaluation to ACPA prior to leaving the meeting.
 - Certificates will be sent to attendees within 1-2 weeks of the meeting's conclusion.

SUMMARY OF EVENTS

TUESDAY, MARCH 29

9:30 AM-4:30 PM
Pre-Conference: Extra-Clinical Care
Sundance 1

12:00 PM-8:30 PM
Registration Desk Open

12:30 PM-5:00 PM
ACPA Board Meeting
Sundance 2

5:30 PM-6:30 PM
New Member/First Time
Attendee Reception
Fort Worth 6-8

6:30 PM-8:30 PM
Welcome Reception
Sponsored by KLS Martin
Texas Foyer & Texas EF

WEDNESDAY, MARCH 30

7:30 AM-6:30 PM
Registration Desk Open

8:00 AM-6:30 PM
Poster Session A
Texas A-D
NOTE: Poster sessions are not eligible for accredited continuing education.

8:30 AM-8:45 AM
Opening Ceremony
Texas EF

8:45 AM-9:45 AM
Keynote
Texas EF

10:00 AM-11:30 AM
General Session 1
Texas EF

11:45 AM-12:45 PM
SmileTrain Nutrition Panel
Fort Worth 4-5
NOTE: This session is not eligible for accredited continuing education.

12:00 PM-6:30 PM
Exhibit Hall Open
Texas Foyer

12:00 PM-1:00 PM
Committee Meeting: Advocacy
Sundance 4

12:00 PM-1:00 PM
CPCJ Editorial Board
Sundance 5

1:30 PM-2:30 PM
General Session 2
Texas EF

2:45 PM-4:15 PM
General Session 3
Texas EF

4:30 PM-5:30 PM
Discipline Forums: *Genetics and Pediatrics*
Sundance 3

4:30 PM-5:30 PM
Discipline Forums: *Mental Health*
Sundance 2

4:30 PM-5:30 PM
Discipline Forums: *Orthodontics and Prosthodontics*
Sundance 1

4:30 PM-5:30 PM
Discipline Forums: *Otolaryngology*
Sundance 5

4:30 PM-5:30 PM
Discipline Forums: *Pediatric Dentistry*
Sundance 4

4:30 PM-5:30 PM
Discipline Forums: *Plastic Surgery*
Fort Worth 1-3

4:30 PM-5:30 PM
Discipline Forums: *Speech-Language Pathology*
Fort Worth 4-5

4:30 PM-5:30 PM
Discipline Forums: *Oral-Maxillofacial Surgery*
Sundance 6

4:30 PM-5:30 PM
Discipline Forums: *Nursing and Coordination*
Fort Worth 6-8

5:30 PM-6:30 PM
Dedicated Poster Hours & Exhibitor Reception
Texas A-D & Texas Foyer

6:00 PM-9:00 PM
SmileTrain Workshop
Texas G-J
Attendance by invitation only.

THURSDAY, MARCH 31

6:30 AM-6:30 PM
Registration Desk Open

7:00 AM-7:45 AM
Committee Meeting: Learning Resources
Sundance 1

7:00 AM-7:45 AM
Committee Meeting: Membership
Sundance 3

7:00 AM-7:45 AM
Committee Meeting: Development
Sundance 4

7:00 AM-7:45 AM
Committee Meeting: Education
Sundance 5

7:00 AM-7:45 AM
Committee Meeting: DEI
Sundance 6

7:00 AM-5:00 PM
Poster Session B
Texas A-D
NOTE: Poster sessions are not eligible for accredited continuing education.

7:00 AM-8:00 AM
Dedicated Poster Session
Texas A-D

8:15 AM-9:00 AM
ASCFS Panel
Fort Worth 4-5

9:15 AM-11:00 AM
Junior Investigators Session
Texas EF

9:30 AM-6:30 PM
Exhibition Hall Open
Texas Foyer

11:15 AM-12:30 PM
General Session 4
Texas EF

12:30 PM - 1:30 PM
DuPuy Lunch Symposium
Sundance 4
NOTE: This session is not eligible for accredited continuing education.

12:30 PM-1:30 PM
Committee Meeting: Junior Investigators Session
Sundance 5

12:30 PM-1:30 PM
Committee Meeting: Program Task Force
Sundance 6

12:30 PM-1:30 PM
Ethics SIG
Sundance 1

12:30 PM-1:30 PM
Global Care SIG
Sundance 2

1:30 PM-3:00 PM
Foundational Session - Dentistry/Prosthodontics
Prosthetic Management of Velopharyngeal Dysfunction
Sundance 1

1:30 PM-3:00 PM
Foundational Session - Imaging
MRI for VPI: Implementing and Interpreting Velopharyngeal MRI
Sundance 2

1:30 PM-3:00 PM
Foundational Session - Cleft Lip/Palate Surgery
The Furlow Z-Palatoplasty: Optimizing Surgical Technique and Clinical Outcomes
Texas EF

1:30 PM-3:00 PM
Study Session A - Orthodontics
Management of the Prominent Premaxilla: What's in Your Toolbox?
Fort Worth 4-5

1:30 PM-3:00 PM
Study Session B - Nursing
Four Centers Look at Perioperative Cleft Palate Care
Fort Worth 1-3

1:30 PM-3:00 PM
Study Session D - Other
Collaborative Multi-Institutional Research Emerging from ACPA Special Interest Groups
Fort Worth 6-8

3:15 PM-4:45 PM
Study Session C - Genetics
Genetic Testing in the Craniofacial Clinic: On the Development Of Algorithms for Testing in Patients with Orofacial Clefting, Craniosynostosis, and Branchial Arch Anomalies
Sundance 2

3:15 PM-4:45 PM
Advanced Session - Cleft Lip/ Palate
Buccinator Myomucosal Flap (Buccal Flap): Treatment of the Primary Cleft Palate, Velopharyngeal Dysfunction, & Fistulae. Practical Applications and Tips for Success. Using the Anatomic Cleft Restoration Philosophy for treatment planning.
Texas EF

3:15 PM-4:45 PM
Foundational Session - Speech-Language
Introduction of ultrasound technology in speech intervention for children with cleft palate
Sundance 1

Thursday, March 31 continued

3:15 PM-4:45 PM
Study Session E - Speech-Language
Treating Patients with Complex Speech Disorders Associated with Velopharyngeal Dysfunction
 Fort Worth 4-5

3:15 PM-4:45 PM
Study Session F - Team Care/ Care Coordination
A Holistic Approach to Care for Children with 22q11.2 Deletion syndrome: Reflecting on 10 Years of Family-Centered Team Care
 Fort Worth 1-3

3:15 PM-4:45 PM
Study Session G - Cleft Lip/ Palate Surgery High Fidelity Cleft Lip/ Palate Simulation Devices for Training Centers
 Fort Worth 6-8

5:00 PM-6:30 PM
Ideas & Innovations Sessions
 Texas EF

FRIDAY, APRIL 1

6:30 AM - 7:00 PM
Registration Desk Open

7:00 AM - 8:00 AM
Study H - Feeding/Nutrition
A Roadmap for Successful Infant Feeding and Caregiver Experience: Educational Guidance for the First Year of Life in the Presence of Orofacial Clefting
 Sundance 1

7:00 AM - 8:00 AM
Study I - Cleft Lip/ Palate Surgery (22q) Multidisciplinary Management of Children with 22q11.2 Deletion Syndrome and Velopharyngeal Dysfunction: Strategies for Success
 Sundance 3

7:00 AM - 8:00 AM
Study J - VPI
The Impact of Non-Oral Compensatory Misarticulation Patterns on Perceptual Ratings, Velopharyngeal Imaging and Surgical Decision Making for VPI Management
 Sundance 2

7:00 AM - 8:00 AM
Study K - Cleft Lip/ Palate Surgery
Cleft Lip Repair is Cleft Nose Repair
 Fort Worth 4-5

7:00 AM - 8:00 AM
Study L - Orthodontics
Alternative Approaches for Presurgical Infant Orthopedics
 Fort Worth 1-3

7:30am - 8:30am
ASCFS Breakfast
 Fort Worth 6-8

8:00 AM - 7:00 PM
Poster Session C
 Texas A-D
 NOTE: Poster sessions are not eligible for accredited continuing education.

8:30 AM - 9:30 AM
ASCFS Linton Whitaker Lecture
 Texas EF

8:30 AM - 9:30 AM
Care Coordination/Nursing "Track" 1
 Fort Worth 1-3

8:30 AM - 9:30 AM
Craniofacial Biology
 Sundance 1

8:30 AM - 9:30 AM
VPI / Speech 1
 Fort Worth 4-5

8:30 AM - 9:30 AM
ENT Airway Audiology
 Sundance 2

9:30 AM - 1:00 PM
Exhibition Hall Open
 Texas Foyer

9:45 AM - 10:45 AM
ACPA Annual Business Meeting
 Texas EF

11:00 AM - 12:30 PM
Craniofacial Surgery 1
 Fort Worth 4-5

11:00 AM - 12:30 PM
Care Coordination/Nursing "Track" 2
 Fort Worth 1-3

11:00 AM - 12:30 PM
Speech / VPI 2
 Texas EF

11:00 AM - 12:30 PM
CLP Surgery 1
 Sundance 2

11:00 AM - 12:30 PM
OMFS
 Sundance 3

12:30 PM - 2:00 PM
ASCFS Business Meeting & Luncheon
 Fort Worth 6-8

12:30 PM - 2:00 PM
22q SIQ
 Fort Worth 4-5

12:30 PM - 2:00 PM
Care Coordination SIG
 Fort Worth 1-3

12:30 PM - 2:00 PM
Mental Health SIG
 Sundance 3

2:00 PM - 3:30 PM
Board Meeting
 Sundance 4

2:00 PM - 3:30 PM
Craniofacial Surgery 2
 Fort Worth 4-5

2:00 PM - 3:30 PM
Imaging
 Sundance 3

2:00 PM - 3:30 PM
Feeding/Nutrition
 Texas EF

2:00 PM - 3:30 PM
CLP Surgery 2
 Sundance 2

2:00 PM - 3:30 PM
Pediatrics, Psychosocial and QOL
 Fort Worth 1-3

3:45 PM - 5:15PM
Craniofacial Surgery 3
 Fort Worth 4-5

3:45 PM - 5:15PM
Team Care / Care Delivery
 Fort Worth 1-3

3:45 PM-5:15PM
Dentistry/Orthodontics
 Texas EF

3:45 PM-5:15PM
CLP Surgery 3
 Sundance 2

3:45 PM-5:15PM
Genetics and Epidemiology
 Sundance 3

6:00 PM-7:00 PM
Posters/ Pre-Gala Reception
 Texas A-D/ Texas Foyer

6:00 PM-7:00 PM
President's Circle Reception
 (By invitation only)
 Sundance Foyer & 1

7:00 PM-11:00 PM
Awards Ceremony and Gala Dinner
Sponsored by KLS Martin
 Texas EF

SATURDAY, APRIL 2

8:00 AM-11:30 AM
Registration Desk Open

8:30 AM-9:30 AM
Surgical Short Talks
 Fort Worth 4-5

8:30 AM-9:30 AM
Non-Surgical Short Talks
 Fort Worth 1-3

9:45 AM-11:00 AM
The World Cleft Coalition: Team Reflections
 Fort Worth 1-3

9:45 AM-11:00 AM
ASCFS Post Con Panel
 Fort Worth 4-5

LUNCH OPTIONS:



STARBUCKS®

Starbucks located in lobby. Open until 2:00pm each day for light bites and coffee drinks.



Grab and Go Options
 Located in lobby. Will be available on Thursday from 12:00pm - 1:30pm and Friday from 12:00pm - 2:00pm.



Cast Iron Restaurant is offering Annual Meeting attendees a lunch buffet for \$25 + tax and service between 11:00am and 2:00pm on Wednesday, Thursday, and Friday.

Cast Iron also has an a la carte lunch menu available daily.



A Mother's Room will be open for the duration of the meeting in the private room, Stockyards 2.

WELCOME

Dear ACPA Members and Meeting Attendees,



After two years, we're thrilled to finally be together! With the challenges of the pandemic, including navigating travel restrictions and disruptions to your role in the clinic while away, we understand that it's no easy feat to attend in-person events, so we're especially grateful that you've chosen to join us in Fort Worth. We appreciate your cooperation in ensuring this year's Annual Meeting is a safe experience for all by following our COVID policies and procedures.

Thank you to our 2022 Program Task Force, led by Adriane L. Baylis, PhD, CCC-SLP, for preparing a robust program that will not disappoint and meets the varied needs of our interdisciplinary membership. As we strive to increase global collaboration in the cleft and craniofacial community, we're honored that the Craniofacial Society of Great Britain and Ireland has joined us as the International Partner at this year's Annual Meeting.

I'm particularly looking forward to recognizing and celebrating our colleagues for their achievements and contributions to cleft and craniofacial care at our Annual Awards Gala on Friday. Our recipients all truly embody our vision of leading interdisciplinary cleft and craniofacial care so patients and families thrive.

In between sessions and events, we invite you to explore Fort Worth, a culturally diverse city, rich in African American, Hispanic American, and Native American heritage.

On behalf of the ACPA Board of Directors and the National Office Team, I would like to thank you for joining us in Fort Worth!

Sincerely,

John A. Girotto, MD, MBA, FAAP, FACS

ACPA President

Dear 79th Annual Meeting Attendees,



On behalf of the Annual Meeting Program Task Force, I am excited to welcome you back for this reunion of scientists, clinicians, colleagues, and friends. The Program Task Force has been hard at work this past year to ensure the 79th Annual Meeting has all the high quality educational and research programming, and social gatherings, that you have come to expect of this event. The ACPA national office staff has also been amazing in their support and organization of this meeting and navigating the many challenges that COVID-19 presented this year. Please take the time to stop by our registration area to thank them for all their persistence and hard work to help make this meeting happen this year.

This year's meeting begins with the pre-conference symposium, Extra-Clinical Care, where you'll learn about strategies for connecting with patients and families outside of the walls of the clinic setting. On

Wednesday, we welcome our keynote speaker, Jake French, a nationally recognized advocate for improving the patient experience. Jake will speak on how we can improve team dynamics, including relationship-building strategies, and ways to improve our communication and collaboration skills. After his presentation, our General Sessions begin, structured to include a unique blend of multidisciplinary topics that we are confident will appeal to our diverse membership.

From Study Sessions to Posters, there is something in this program for everyone. Whether you are a student or an ACPA Life Member, we are sure you will find sessions here to meet your learning needs, and an opportunity for dialogue with other attendees. It is our goal that every single attendee leaves this meeting with new clinical and research ideas, as well as new or renewed connections with fellow attendees.

While our social events are structured a bit differently this year, to best meet the health and safety needs of all our attendees, we also hope you will take full advantage of those opportunities to connect with fellow ACPA members, colleagues, and friends.

Welcome back to the meeting for cleft and craniofacial professionals and enjoy your time in Fort Worth!

Warmly,

Adriane L. Baylis, PhD, CCC-SLP

ACPA Vice President and Program Task Force Chair

GENERAL INFORMATION AND POLICIES

MEETING APP AND SCHEDULE CHANGES

All attendees will receive a daily email with any session changes, updates and items of note. Any changes or cancellations will also be shared on the ACPA Meeting App. The official meeting app can be downloaded from either the Apple App Store, or Google Play Store. The app contains all abstracts in full.

BADGES AND TICKETS

Name badges are required for all sessions and social events. Attendees will receive applicable tickets at registration. Lost tickets will not be replaced. Tickets will be provided for all attendees and guests for the Awards Gala. There will be a cash bar at both events. One program will be provided to each registered attendee.

FOOD AND REFRESHMENTS

ACPA has arranged for quick-serve lunch options to be made available by the Omni. Additional onsite food and refreshment options include Bob's Steak and Chop House (5:00 - 9:00/10:00pm), Cast Iron Restaurant (Breakfast and Lunch), Wine Thief (Dinner Only), Whiskey and Rye (Brunch, Lunch, and Dinner), and Starbucks (6:00am - 2:00pm). Complimentary coffee and tea will be offered throughout the meeting. Heavy hors d'oeuvres will be provided at the Welcome Reception. Dinner will be provided at the ACPA Awards Ceremony and Annual Gala.

SESSION CAPACITY

ACPA works to schedule sessions in appropriately sized rooms, but the popularity of sessions is not always predictable. If a session reaches capacity, attendees must follow instructions provided by the ACPA National Office Team and the Omni Fort Worth Staff. Fire regulations may require that attendees not block certain areas or that no more people may enter the room. Please be courteous and respectful if you are directed elsewhere.

ATTIRE

Business casual dress is appropriate at the meeting. Cocktail attire is appropriate for the Awards Gala. Please plan to dress in layers or bring a sweater, as temperatures may vary in the meeting rooms.

SPONSORS AND EXHIBITORS

ACPA thanks sponsors and exhibitors for their participation and support. Sponsors and exhibitors are not responsible for the content of this meeting. ACPA does not endorse any sponsor or exhibitor products or services.

CONDUCT POLICY

ACPA expects that everyone who participates in ACPA's Annual Meeting will be respectful of other attendees, vendors, the Omni Fort Worth Staff and all others they meet. Attendees are expected to follow common rules of behavior and respect for private property. Abusive, harassing or threatening behavior directed toward any other attendee or person is not appropriate. Report all incidents in which a meeting attendee is abusive, insulting, intimidating, bothersome or acting in an unsafe or illegal manner to the ACPA Registration Desk or to Omni Fort Worth Security immediately. ACPA encourages attendees to follow recommended precautions to prevent transmission of infectious diseases.

MOBILE DEVICES

Turn off or silence cell phones and/or pagers while sessions are in progress.

INTERNET AND WI-FI

Limited free wireless internet is available in the meeting area.

Network: ACPA Annual

Password: ACPA2022

Password is case sensitive

FIRST AID AND EMERGENCY PROCEDURES

Should an emergency occur, please use your cell phone to call 911. As soon as it is safe to do so, inform the nearest staff member or call the hotel operator via the house phones so that a staff member can escort emergency responders. Be prepared to report the location of the emergency by building, level, and either hall, room or hallway. After you have called for emergency assistance, report the incident to a member of the ACPA National Office Team or to the ACPA Registration Desk.

UNAUTHORIZED PHOTOS AND RECORDING

Photographs, audio recordings or videos of any proceedings, oral presentations or on-screen images during ACPA's Annual Meeting are strictly prohibited. Audience members who attempt to take pictures or video will be asked to leave the meeting rooms.

PHOTOGRAPHY

Candid photos will be taken by ACPA's contracted photographer throughout the week. It is agreed that participation in ACPA's Annual Meeting and all related events implies consent for ACPA to use these photos in print and online marketing. Questions can be directed to the ACPA Registration Desk.

CHILDREN

Children under 13 years of age are not permitted in lecture areas, with the exception of nursing infants.

A Mother's Room is located in the Stockyards 2 on the 3rd floor.

ASCFS ANNUAL MEETING

The American Society of Craniofacial Surgeons (ASCFS) holds its Annual Meeting during ACPA's Annual Meeting.

ACCESSIBILITY FOR REGISTRANTS WITH DISABILITIES

ACPA is committed to compliance with the Americans with Disabilities Act and to making ACPA's Annual Meeting accessible to all. Attendees who need accommodations in order to participate should contact the ACPA National Office Team before the meeting and may visit the ACPA Registration Desk for assistance. Onsite requests will be accommodated to the best of ACPA's ability.

FULL DISCLOSURE POLICY

All speaker disclosures may be found in ACPA's Annual Meeting Abstract Book and on the ACPA Meeting App. ACPA, in compliance with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Integrity and Independence in Accredited Continuing Education (Released December 2020), the American Speech-Language Hearing Association's (ASHA) Continuing Education Board's Requirements, and the requirements of the American Nurses

Credentialing Center's (ANCC) Commission on Accreditation has adopted the following **Full Disclosure Policy**: *Individuals presenting at accredited continuing education activities sponsored or jointly sponsored by the American Cleft Palate-Craniofacial Association must disclose all financial relationships with ineligible companies. Examples of financial relationships include employee, researcher, consultant, advisor, speaker, independent contractor (including contracted research), royalties or patent beneficiary, executive role, and ownership interest. Individual stocks and stock options should be disclosed; diversified mutual funds do not need to be disclosed. Research funding from ineligible companies should be disclosed by the principal or named investigator even if that individual's institution receives the research grant and managed the funds. An ineligible company is any entity whose primary business is producing, marketing, selling, re-selling, or distributing health products used by or on patients. (For specific examples of ineligible companies, visit accme.org/standards).*

FACULTY DISCLOSURE STATEMENTS

It is the policy of ACPA to ensure its programs are fair, balanced, independent, objective and scientifically rigorous. In support of this policy, ACPA requires that: 1) Trade names are to be avoided during presentations. 2) Presentations made at accredited continuing educational activities sponsored or jointly sponsored by ACPA, in compliance with standards for accreditation by ACCME, must include: a. information regarding off-label use(s); b. all commercial or industrial funding, consulting, or equity holdings by the authors of this presentation and/or anyone related to the authors which could be affected by or could have an effect on the content of the presentation. 3) This information will be disclosed to meeting participants through printed and digital materials. Disclosures for all participants can be found in ACPA's Annual Meeting Abstract Book and on the ACPA Meeting App.

DISCLAIMER

The scientific material presented at this meeting has been made available by ACPA for educational purposes only. The material is not intended to represent the only, nor necessarily the best, methods or procedures appropriate for the situation discussed, but rather is intended to present an approach, view, statement, or opinion of the presenter that may be helpful to others who face similar situations. ACPA disclaims any and all liability and injury or other damage resulting to any individual attending a course and for all claims which may arise out of the use of the techniques demonstrated therein by such individuals, whether these claims shall be asserted by members of the healthcare professions or any other person.

79TH ANNUAL MEETING PROGRAM

Full abstracts are available in the ACPA Meeting App, and online in the special Abstract Edition of *CPCJ*.

WEDNESDAY, MARCH 30, 2022

8:00 am - 6:30pm

POSTER SESSION A TEXAS A-D

A comparative assessment of nasal appearance following nasoalveolar molding for treatment of unilateral cleft lip and palate at average follow-up of 5 years of age.

Nicole Kurnik

Adapting Nasopharyngoscopy Training in the COVID Era

Adriane Baylis

Assessing Craniofacial Team Functioning During Virtual Multidisciplinary Team Meetings

Elexis Hollingsworth

Characterizing the Potential Loss of Domain in Palatal Length in Patients with a Wide Cleft Palate: A Case for Buccal Flap Reconstruction in Primary Cleft Palate Repair

Kerry Morrison

Complications of Intraoperative Blood Salvage in the Surgical Management of Craniosynostosis: A Systematic Review

Shelby Nathan

Contributors to Negative Human Milk Feeding Outcomes Among Infants Admitted to the NICU with Cleft Lip and Palate

Neda Tahmasebifard

COVID-19's Impact on Non-Governmental Organizations Involved in Global Cleft Care CranioRate: An image-based, deep-phenotyping analysis toolset, repository, and online clinician interface for craniosynostosis

Taylor Snodgrass

Critical Analysis of Spring Assisted Cranioplasty Peri- and Post-Operative Results in the Context of Surgical Decision Making and Spring Selection

Justin Beireiger

Development of a novel data collection tool for early speech-language intervention in children with cleft palate

Caitlin Cummings

Erector spinae plane nerve block for Autologous Ear Reconstruction

Nicole Kurnik

Evaluating Efficacy, Global Impact, & Trainee Perception of International Speech Therapy Trainings

Margaret Lico

Examining Effective Velopharyngeal Ratio in Healthy Children using Magnetic Resonance Imaging

Eshan Schleif

Health-related Quality of Life in Pediatrics with Craniofacial Conditions during COVID-19: Comparison to a Matched Pre-pandemic Sample

Caitlyn Belza

Implementation of a Craniosynostosis Operative Team for Surgical Streamlining and Safety

Nicole Kurnik

Integrating a Craniosynostosis Registry into the Electronic Health Record

Nicole Kurnik

Magnetic Resonance Imaging for Assessing Velopharyngeal Function: Current Applications, Barriers, and Potential for Future Clinical Translation

Kazlin Mason

Novel Custom Maxillary Disimpaction Splint

Lisa Jolly

Pilot Assessment of Cleft Lip and Palate Patients at a Regional Cleft Center

Sarah Rimmer

Positive Screening Rate for Obstructive Sleep Apnea in the Cleft Palate Population after Buccal Flap Reconstruction

Darin Patmon

Rights of patients with clefts to free feeding

Suely Barros

Smile Finder: An Innovative App to Educate and Connect Cleft Patients to Treatment Centers

Abel Smerica

The Influence of MRI on Quality and Measurement Consistency on the Anatomy of the Velopharynx

Abigail Haenssler

The Network of Health and Social Care Services in the Area of Lip and Palate Malformations: A Study of Brazilian Reality and the Contribution of an International Organization

Maria Ines Gandara Graciano

The use of a 3D Microvideoscope for cleft palate repair.

David Gillett

Tympanostomy Tubes: Are They Necessary? A Systematic Review on Implementation in Cleft Care

Eloise Stanton

Updating Cephalic Index Norms in a Large, Diverse Population

Alannah Phelan

Use of Hyaluronic Acid Fillers to Correct Cleft Lip Asymmetry in Adults: Description of Technique and Patient Reported Outcome Measure using CLEFT-Q.

Richard Thomson

Voice Related Quality of Life in Patients with Oral Clefts

Lateefa Alkharafi

Where is the Care? Identifying the impact of rurality and population density on SLP caseloads and management decisions for children with cleft lip and palate

Makaela Purcell

10:00 am - 11:30 am

GENERAL SESSION 1 TEXAS EF

(10:00 am) Craniofacial Treatment, Medical Traumatic Stress Symptoms, and Resiliency: A Cross-Sectional Survey of Adults and Parents of Children with Craniofacial Conditions

Canice Crerand

(10:10 am) Longitudinal development of stop consonants in the speech of preschoolers with cleft palate

Kathy Chapman

(10:20 am) In Utero Electronic Nicotine Device System Exposures Result in Altered Craniofacial Development

Rajiv Kishinchand

(10:30 am) Using Machine Learning and 3D Facial Projection to Remotely Guide Cleft Surgery

Raj Vyas

(10:40 am) Comparing Apples And Pears" Identifying and Quantifying Differences In Speech Outcome By Sex, Cleft Type And Robin Sequence. The First Step Towards Developing a Risk Adjustment in Service-Level Outcome Reports

Sophie Butterworth

(10:50 am) Velopharyngeal MRI Findings in Patients with VPI

Jessica Williams

(11:00 am) Damaging mutations in Afadin contribute to risk of nsCL/P

Waheed Awotoye

(11:10 am) Evaluation of Bone Graft Outcome in Early verse Late Age Group in Complete Unilateral Cleft lip and Palate

Xuanyu Lu

(11:20 am) The Local Mission: Improving Access to Surgical Care in Middle-Income Countries

Eric Nagengast

(11:30 am) Discussion

1:30 pm – 2:30 pm

GENERAL SESSION 2 TEXAS EF

The Cleft Collective Cohort Studies

Felicity Mehendale

Panelists: *Yvonne Wren, Kerry Humphries, Kanwalraj Moar, Ana Hobbs, Steph van Eeden, John Thompson*

2:45 pm – 4:15 pm

GENERAL SESSION 3 TEXAS EF

1. Twist1 Mutation and Environmental Factors Synergistically Exacerbate Craniosynostosis

Eloise Stanton

2. SNP-SNP interactions and non-syndromic orofacial clefts in the African population

Azeez Alade

3. The Relationship of Speech Articulation and Language Delays on the Development of Phonological Processing (PP) and Rapid Naming (RN) in Young Children with Cleft Lip and/or Palate

Sarah Richards

4. LeFort II/III Midface Advancement: Nationwide Analysis of Complications

Christopher Kalmar

5. A Comparison of Children Having Cleft Lip and Palate Who Are Internationally Adopted With Children Who Are Not Adopted

Claudia Crilly Bellucci

6. The Backbone of a Craniofacial Center: The Evolution of Information Management from the Stone Age to the Digital Age

Liping Zhao

7. Growth Effects on Velopharyngeal Anatomy Within the First Two Years of Life

Katelyn Kotlarek

8. 'Weigh Easy': Pilot Study of a Simplified Home Weight Monitoring System for Infants

Alison Kaye

9. The Impact of the COVID-19 pandemic on a regional Cleft Lip and Palate Surgery Service in the United Kingdom; A review of case-load prioritisation and lessons learned

Ali Jawad

Discussion (15 minutes)

Wednesday, March 30 continued

4:30 pm - 5:30 pm

DISCIPLINE FORUMS

2022 Discipline Forum	2022 Chair	2022 Co-Chair
Genetics and Pediatrics <i>Sundance 3</i>	<i>Kyle Fulton</i>	<i>Carrie Heike</i>
Mental Health <i>Sundance 2</i>	<i>Alexis L. Johns</i>	<i>Ari Rabkin</i>
*Orthodontics and Prosthodontics <i>Sundance 1</i>	<i>Lindsay Schuster</i>	<i>Katherine Kelly</i>
Otolaryngology and Audiology <i>Sundance 5</i>	<i>Jill Arganbright</i>	<i>Sivakumar Chinnadurai</i>
*Pediatric Dentistry <i>Sundance 4</i>	<i>Lizbeth Holguin</i>	<i>N/A</i>
Plastic Surgery <i>Fort Worth 1-3</i>	<i>Noopur Gangopadhyay</i>	<i>Rick Redett</i>
Speech-Language Pathology <i>Fort Worth 4-5</i>	<i>Caitlin Cummings</i>	<i>Katelyn Kotlarek</i>
Oral-Maxillofacial Surgery <i>Sundance 6</i>	<i>Sean Edwards</i>	<i>BJ Costello</i>
Nursing and Coordination <i>Fort Worth 6-8</i>	<i>Kristine Mui</i>	<i>Pat Chibbaro</i>

Accelerating Research and Education in Craniofacial Microsomia
Carrie Heike

An Investigation Into The Use of Standardized Assessment By Multidisciplinary Craniofacial Teams for Quality Improvement of Patient Care
Meredith Albert

Anterior 'W' Tongue Reduction for Macroglossia in Beckwith-Wiedemann Syndrome
Imran Risvi

Application of a 3D-Printed Patient-Specific Composite Anatomy Model in Metopic Craniosynostosis Reconstruction
Mitchell Marques

Assessment of indications and intra- and post-operative outcomes for classical and vertical vector posterior vault expansion surgery
Christopher Hillyar

Case Study: Association of Cranial Suture Synostosis with Kabuki Syndrome
Darisel Ventura Rodriguez

Change in Apnea Hypopnea Index on Polysomnography after Sphincter Pharyngoplasty
Benjamin Kirby

Changes in the Velopharyngeal Port on Long Term Follow up after Furlow Palatoplasty and Sphincter Pharyngoplasty
Benjamin Kirby

Creating a Normative Growth Curve for Pediatric Airway Volume using Three-Dimensional Computed Tomography
Hannes Prescher

Documenting the language environment diversity of infants and toddlers with cleft palate from Spanish-speaking families via a novel language questionnaire
Caitlin Cummings

Gender Disparity in Craniofacial Publications
Suvethavarshini Ketheeswaran

One Stage Surgical Correction of Median Cleft of the Mandible: A Case Report and Review of Literature
Nina Bredemeier

Porous polyethylene versus autologous costochondral reconstruction for microtia: a MarketScan analysis
Ema Zubovix

Practice patterns of Alveolar Bone Grafting in North America- survey of the American Cleft Palate- Craniofacial Association
Fatima Qamar

Scalp-Ear-Nipple Syndrome (SEN) in a Pediatric Patient with Multiple Comorbidities: A Case Report
Katelyn Lewis

Secondary Corrections for Single-sutural Craniosynostosis: Perioperative Outcomes and Predisposing Factors
Aditi Kanth

Skeletal, Dental and Soft Tissue Changes Following Bone-anchored Maxillary Protraction in Growing Patients with Skeletal Class III with and without Cleft Lip and Palate Compared to Unaffected Controls: A Cone-Beam Computed Tomography Study
Jeffrey Stoker

Starting a Specialty Clinic: One Cleft and Craniofacial Team's Process
Lynn Grames

Strategies to Effectively Integrate Clinical Research into the Cleft/Craniofacial Clinic
Alyssa Fogolin

The Development, Trialing, and Adaptation of Standard American English and Spanish Phrases for Assessing Speech in Preschoolers with Cleft Lip and Palate
Kelly Cordero

Training for the Mothers of Children with Cleft Using Instructional Manuals
Suely Barros

Treatment outcomes of presurgical alignment of anterior teeth in alveolar cleft reconstruction with bone grafts: A retrospective study using Cone Beam CT
Samantha Rustia

2. A Prospective Eye-Tracking Study of Visual Attention and Bias Toward People with Facial Anomalies (9:25 am)
Dillan Villavisanis

3. Retrospective Analysis of the Impact of Health Disparities on Treatment for Single Suture Craniosynostosis before and During the Pandemic (9:35 am)
Alyssa Valenti
(Discussion)

4. Current Presurgical Infant Orthopedics Practices among ACPA-Approved Cleft Teams in North America (10:00 am)
Shayna Avinoam

5. Electronic Clinical Integration of Cleft-Q, a Patient Reported Outcome Instrument, in our Multidisciplinary Cleft Care Workflow (10:10 am)
Daniel Cho

6. 10-Year Comparison of Facial Growth and Occlusion in Patients Treated with Active and Passive Presurgical Orthopedic Devices (10:20 am)
Katie Garland

7. Genetic Diagnoses Associated with Velopharyngeal Insufficiency and Future Impact on Clinical Care of Patients with VPI. (10:30 am)
Amanda Martinez

8. Craniopagus Separation Using a Novel Tissue Expander Design (10:40 am)
Joseph Firriolo
(Discussion)

THURSDAY, MARCH 31, 2022

7:00am – 5:00pm

POSTER SESSION B

TEXAS A-D

A Novel Surgical Technique for Large Frontoencephalocele Management: The Mercy Ships Approach
Naikhoba Munabi

A Roadmap to Full 3D Digital Workflow for Fabricating Nasoalveolar Molding Aligners: Shedding Light on the Accuracy of Direct Digital Impressions in Infants with Unilateral Cleft lip and Palate
Rahma Elnaghy

A Telepractice Parent Training Study for Facilitating Speech Development in Preschool Children with Cleft Palate
Paige Ellis

8:30 am – 9:15 am

ASCFS SOFT TISSUE RECONSTRUCTION FOR COMPLEX CRANIOFACIAL CONDITIONS FORT WORTH 4-5

Davinder Singh, Bruce S. Bauer, Stacey H. Francis, John W. Siebert

9:15 am - 11:00 am

JUNIOR INVESTIGATORS SESSION TEXAS EF

1. Speech Errors in Children with Cleft Palate with or without Cleft Lip (9:15 am)
Kari Lien

11:15 am - 12:30 pm

GENERAL SESSION 4 TEXAS EF

When Should a Cleft Stay Unrepaired? Ethical Decision-Making for Team Management of Medically Complex Children
Adriane Baylis, Canice Crerand, Gregory Pearson, Helen Sharp

Thursday, March 31 continued

1:30 pm – 3:00 pm

ADVANCED/FOUNDATIONAL SESSION

Prosthetic Management of Velopharyngeal Dysfunction (F)
SUNDANCE 1

Kaylee Paulsgrove, Kathryn Preston, Barbara Sheller, Randall Bly

MRI for VPI: Implementing and Interpreting Velopharyngeal MRI (F)

SUNDANCE 2

Jamie Perry, Jessica Williams, Taylor Snodgrass, Davinder Singh, Thomas Sitzman

The Furlow Z-Palatoplasty: Optimizing Surgical Technique and Clinical Outcomes (F)

TEXAS EF

Richard Kirschner, Oksana Jackson

1:30 pm – 3:00 pm

STUDY SESSION GROUP 1

Management of the Prominent Premaxilla: What's in your Toolbox?

FORT WORTH 4-5

Ana Mercado, Sean Edwards, Pedro Santiago, Tiago Turri de Castro Ribeiro, Ronald Hathaway, Kathleen Russell, Marilia Yatabe, Brian Sommerlad

Four Centers Look at Perioperative Cleft Palate Care

FORT WORTH 1-3

Melisande Ploutz, Amanda Smith, Karen Via, Miccah Seaman, Megan Halvorson

Collaborative Multi-Institutional Research Emerging from ACPA Special Interest Groups

FORT WORTH 6-8

Jill Arganbright, Oksana Jackson, Yvonne Gutierrez, Emily Gallagher, T. Blaine Crowley, Donna M. McDonald McGinn

3:15 pm – 4:45 pm

ADVANCED/FOUNDATIONAL SESSION

Introduction of ultrasound technology in speech intervention for children with cleft palate (F)

SUNDANCE 1

Sue Ann Lee

Genetic Testing in the Craniofacial Clinic: On the Development of Algorithms for Testing in Patients with Orofacial Clefting, Craniosynostosis, and Branchial Arch Anomalies

SUNDANCE 2

Anne Hing, Emily Gallagher, Penny Chow, Daniela Schweitzer, Yvonne Gutierrez, Jessica Kianmahd, Glenn Rosenbluth, Ophir Klein, Hazel Perry

Buccinator Myomucosal Flap (Buccal Flap): Treatment of the Primary Cleft Palate, Velopharyngeal Dysfunction, & Fistulae. Practical Applications and Tips for Success. Using the Anatomic Cleft Restoration Philosophy for treatment planning. (A)

TEXAS EF

Robert Mann, Jordan Steinberg, Mamdouh Ahmed Aboulhassan, Rohit Khosla

3:15 pm – 4:45 pm

STUDY SESSION GROUP 2

Treating Patients with Complex Speech Disorders Associated with Velopharyngeal Dysfunction

FORT WORTH 4-5

Ellen Ortega-Moore, Cortney Vant Slot, Kristina Wilson

A Holistic Approach to Care for Children with 22q11.2 Deletion syndrome: Reflecting on 10 Years of Family-Centered Team Care

FORT WORTH 1-3

Adriane Baylis, Scott Hickey, Amanda Smith, Richard Kirschner

High Fidelity Cleft Lip/Palate Simulation Devices for Training Centers

FORT WORTH 6-8

Dale Podolsky, Roberto Flores, Rami Kantar, Abel Smerica

5:00 pm – 6:30 pm

IDEAS & INNOVATIONS SESSION

TEXAS EF

1. Training Speech Pathologists to Acquire Standard Videorecorded Speech Samples: Methods for Ensuring High-Quality Speech Outcomes Data
Adriane Baylis
2. Clinical Outcomes of Liposomal Bupivacaine Use in the Pediatric Cleft Palate Population
Erinn Kim
3. Successful Completion of Non-sedated MRI for Visualization of the Velopharynx in Children
Katelyn Kotlarek
4. A Novel Treatment of Pediatric Bilateral Condylar Fractures with Lateral Dislocation of the

Temporomandibular Joint (TMJ) using Transfacial Pinning
Kerry Morrison

5. Artificial Intelligence Methods for the Argenta Classification of Plagiocephaly to Predict Severity, Treatment, and Prognosis
Huan Nguyen
6. CLEFT RR- New Application for genetic counseling in cleft lip and palate
Rosa Helena Lacerda
7. Rescue – A Novel Pin-Retained NAM Expander
Lisa Jolly
8. 2-Stage Premaxillary Setback and Primary Cheiloplasty Using a Custom Stabilizing Oral Splint Allows Safe and Extensive Primary Rhinoplasty
Lisa Jolly
9. MRI Face Scan – A Novel Impression Technique for Nasalveolar Molding Appliances
Brett Chiquet
10. Nutritional Monitoring Through the WhatsApp® Application: A Post-COVID-19 Pandemic Innovation
Cristiano Tonello
11. Auricular Framework Construction Using Allogenic Cartilage in Total Ear Reconstruction Surgery
Jose Palacios
12. Novel Approach to Total Frontal Bone Loss After Surgery for Craniosynostosis – The Modified Visor Bone Flap with Brain Cage
Alyssa Valenti
13. A Simplified, Novel Technique for Second Stage Autologous Microtia Reconstruction
Angelo Leto Barrone
14. The Development and Utilization of Dolls for Psychoeducational Intervention during Pre-Surgical Visits for Children with Microtia
Tanya Auguste Jones
15. The Anatomic Cleft Restoration Philosophy: Treatment of the Unilateral Cleft Lip and Nose
Megan Dietze-Fielder
16. Surgical Models Flatten the Learning Curve When Utilized for Mandibular Distraction Osteogenesis in Patients with Pierre Robin Sequence
Gabrielle Farley
17. Achieving complete nasal lining closure at primary cleft palate repair when the lesser segments have collapsed
Mert Calis

FRIDAY, APRIL 1, 2022

8:00 am – 7:00 pm

POSTER SESSION C

TEXAS A-D

A Novel, Inferiorly-Based Nasal Flap for Correction of Alar Base Malposition and Nasal Stenosis
Narges Horriat

A Review of Cleft Palate International Outreach Organizations in the United States
Lakshmi Kollara

A Single Surgeons Experience of Nagata Microtia Reconstruction: Outcome Analysis and Lessons Learnt
Kinsey Barhorst

Access to pediatric dental care for craniofacial patients in Texas.
Carolyn Kerins

Arch expansion in patients with cleft lip and palate: recent trends
Sanjay Gupta

Assessing the Seromagenicity of Carrier-Free Demineralized Bone Matrix Allograft in Cranial Vault Remodeling
Margarete Knudsen

Association of Oral Frenula Abnormalities and Clinical Signs of Congenital Zika Syndrome: A Prospective Study
Cristiane Fonteles

Bone Anchored Maxillary Protraction: A Shift Forward in the Management of Patients with Unilateral Complete Cleft Lip & Palate
Andrew Grush

Cleft Lip and/or Palate Repair in Children with Hypopituitarism: Analysis of the Kids Inpatient Database
Nicolas Poupore

Does Osteotomy Pattern Increase the Risk of Molar Follicle Disturbance in Subcranial Surgery?
Kathryn Preston

Efficacy of a Dental SafeScraper Device for Harvesting Bone Graft for Pediatric Cranioplasty
Jinggang Ng

Evaluating Facial Perceptions of Cleft Lip Patients Using Eye-Tracking: A Cohort Study.
Imran Rizvi

First in-Human Testing of Autologous Framework Production Employing a Cartilage Sparing Technique
Angelo Leto Barrone

Friday, April 1 continued

Five-Year Periorbital Aesthetic Outcome Comparison Between Fronto-Orbital Distraction Osteogenesis and Fronto-Orbital Advancement & Remodeling for Non-Syndromic Unicoronal Synostosis
Dillan Villavisanis

Incorporating AI for semi-automatic identification of 3D facial landmarks
Nuno Hermann

IQ Assessment in Craniofacial Neurocognitive Studies: Interpreting Results in the Context of an Evidence-Based Systematic Analysis
Aaron Long

Nasal Correction in Binder Syndrome: The Impact of Surgical Timing on Outcomes
Jessica Blum

National Disparities in Insurance Access to Orthotic Helmet Therapy for Deformational Plagiocephaly
Aaron Long

Pharyngeal flap versus sphincter pharyngoplasty for the treatment of velopharyngeal insufficiency in 22q11.2 deletion syndrome: A systematic review
Yitzella Camargo

Post-operative Radiologic Imaging in Secondary Alveolar Bone Grafting for Cleft Lip and Palate: A Systematic Review and Meta-Analysis
Connor Groff

Predictors of Success Following Endoscopic Strip Craniectomy and Orthotic Helmeting for Metopic Craniosynostosis
Alfredo Cepeda

Probe Scoring vs Traditional Speech Development Measures Demonstrating Speech Intervention Change
Paige Ellis

Psychosocial Risk Assessment in Families of Children with Craniofacial Conditions: A Retrospective Chart Review Study
Shivika Udaipuria

Racial Disparities in Cleft Care: Access to Gingivoperiosteoplasty (GPP) & Surgical Outcomes Amongst Races
Fernando Arias

Social experiences and perspectives of children with orofacial clefts: a qualitative systematic review
Emilija Jensen

Surgical Ergonomics in Cleft Palatoplasty: No Pain, No Gain.
Kavya Kelagere Mayigegowda

7:00 am – 8:00 am STUDY SESSIONS GROUP 2

A Roadmap for Successful Infant Feeding and Caregiver Experience: Educational Guidance for the First Year of Life in the Presence of Orofacial Clefting
SUNDANCE 1
Lauren Madhoun, Mary Church, Azure Koehler, Amanda Smith

Multidisciplinary Management of Children with 22q11.2 Deletion Syndrome and Velopharyngeal Dysfunction: Strategies for Success
SUNDANCE 3
Jill Arganbright, Oksana Jackson, Brenda Fetter, Cynthia Solot

The Impact of Non-Oral Compensatory Misarticulation Patterns on Perceptual Ratings, Velopharyngeal Imaging and Surgical Decision Making for VPI Management
SUNDANCE 2
Jessica Williams

Cleft Lip Repair is Cleft Nose Repair
FORT WORTH 4-5
Raj Vyas

Alternative Approaches for Presurgical Infant Orthopedics
FORT WORTH 1-3
Daniela Tanikawa, Alvaro Figueroa, Carolina Gutierrez, Marina Campodonico, Puneet Batra, Daniela Scarlet Escobar-Palacios

8:30 am – 9:30 am CONCURRENT SESSIONS TEXAS EF

ASCFS Linton Whitaker Lecture
Lisa David

(Discussion)

CARE COORDINATION/NURSING "TRACK" 1* FORT WORTH 1-3

Challenges in Addressing Adherence in Craniofacial Care during COVID-19 (5 minutes)
Laura Garcia

Abuja Craniofacial Hospital for the Needy: A Novel Comprehensive Approach to the problem of Cleft & Craniofacial Care in Developing Countries (10 minutes)
Seidu Bello

Strategies for Cleft Team Providers to Promote ADHD Treatment (20)
Alexis Johns

Zoom in – Virtual Summer Cleft Camp (10 minutes)
Jamie Idelberg

(Discussion)

CRANIOFACIAL BIOLOGY SUNDANCE 1

(8:30 am) Harnessing the Mechanism of JAGGED1- Mediated Craniofacial Bone Regeneration
Archana Kamalakar

(8:40 am) It's All Relative: Associations of Facial Proportionality, Attractiveness, and Character Traits
Dillan Villavisanis

(8:50 am) Operative Management of Bicoronal Craniosynostosis Secondary To TCF12 Gene Mutation
Dillan Villavisanis

(9:00 am) Occipital Bone and Foramen Magnum Morphology Resulting from Premature Suture Fusion in Crouzon Syndrome
Ryan Layton

(9:10 am) Current Understanding of Craniosynostosis and Future Directions
Eloise Stanton

(Discussion)

VPI / SPEECH 1 FORT WORTH 4-5

(8:30 am) Predictors of Speech Development in Young Children with 22q11.2DS
Adriane Baylis

(8:40 am) Understanding the long-term vocational and social impacts of cleft-related speech differences in New Zealand adults
Kenny Arduin

(8:50 am) The correlation between perceptual ratings and nasalance scores in oral-nasal balance disorders: A systematic review
Yilan Liu

(9:00 am) Buccal Myomucosal Flap in the Operative Management of Velopharyngeal Dysfunction (VPD): An Eleven Year Retrospective
Rotem Kimia

(9:10 am) Multiview Videofluoroscopy Training for Radiologists: A Self-Study Package
David Fitzsimons

(Discussion at (9:20 am))

ENT AIRWAY AUDIOLOGY SUNDANCE 2

(8:30 am) 1-Year Follow Up of Two Neonates with Robin Sequence (RS) Treated with Nonsurgical Orthodontic Airway Plate (OAP)
Rhona Galera

(8:40 am) Utilization of the Newborn Hearing Screen as an Opportunity to Improve Access to Care for Neonatal Ear Molding
Safi Ali-Khan

(8:50 am) Pharyngeal Airway Changes Following Mandibular Distraction Osteogenesis As Evaluated with Laryngoscopy
Mychajlo Kosyk

(9:00 am) Non-Surgical Correction of Congenital Ear Deformities: The Relationship Between Age of Presentation and Regression
Nissim Hazkour

(9:10 am) Increase in the frequency of hearing assessments prior to palatoplasty leads to earlier diagnosis of hearing loss in cleft palate patients: an enhanced cleft team audiology protocol
Alexandra Alving-Trinh

(Discussion)

11:00 am – 12:30 pm CONCURRENT SESSIONS CRANIOFACIAL SURGERY 1 FORT WORTH 4-5

(11:00 am) Bigger Is Not Always Better: Impact of Parietal Bone Thickness on Spring Mediated Cranial Vault Expansion in Non-Syndromic Sagittal Craniosynostosis
Dillan Villavisanis

(Discussion)

(11:10 am) Comparing limited strip craniectomy and open vault reconstruction for the treatment of metopic craniosynostosis: quantitative and expert assessments
Michael Benkler

(Discussion)

Friday, April 1 continued

(11:20 am) Intracranial Volumetric Differences in Mercedes Benz Pattern Craniosynostosis
Lucas Harrison

(11:40 am) Does Facial Trauma Require Opioids? Evaluation of a Narcotic-Minimizing Analgesia Protocol in Facial Trauma Management
Margarete Knudsen

(Discussion)

(11:50 am) Diversity and Practice Patterns of Craniomaxillofacial Surgeons
Jessica Blum

(12:00 pm) Casting an Eye on Fibrous Dysplasia of the Orbit
Jessica Blum

(12:10 pm) Fat Grafts Supplemented with Adipose-Derived Stem Cells for Soft Tissue Reconstruction in Children with Craniofacial Microsomia
Daniela Tanikawa

(Discussion)

CARE COORDINATION/NURSING “TRACK” 2 FORT WORTH 1-3

Supporting Our Colleagues Through Mentorship (5 minutes)
Patricia Chibbaro

Successful Execution of surgical outreach programmes for oro-facial cleft repair by an indigenous foundation, the role of administration (10 minutes)
Tomi Ajose-Adeogun

An overview of the multicentre, multidisciplinary clinical audit process and Clinical Excellence Network of the Craniofacial Society of Great Britain and Ireland for monitoring and improving dental outcomes for children with a cleft in Ireland (20 minutes)
Kirsten FitzGerald

Ten-year experience of an indigenous surgical mission for the care of orofacial cleft patients; Outline of administrative challenges and Methods of mitigation. (10 minutes)
Seidu Bellow

(Discussion)

SPEECH / VPI 2 TEXAS EF

(11:00 am) Operative Management of Velopharyngeal Dysfunction (VPD) in 22q11.2 Syndrome: An Eleven Year Retrospective
Rotem Kimia

(11:10 am) Study Design and Methodology of the Velopharyngeal Insufficiency Outcomes Prediction Study (VPI-OPS)
Thomas Sitzman

(11:20 am) Speech Treatment for Patients with Velocardiofacial Syndrome: A Safer Alternative to Traditional Pharyngeal Flaps
Samuel Mann

(Discussion)

(11:40 am) Velopharyngeal Outcomes after Palatoplasty for Patients Wide Cleft Palate and Robin Sequence
Kouen Lee

(11:50 am) Comparison of the VELO-P with Perceptual and Instrumental Assessment in Children Ages 5-7 Years
Natalie Wombacher

(12:00 pm) Speech Analysis of Patients with Cleft Palate using Artificial Intelligence Techniques: A Systematic Review
Andi Zhang

(Discussion)

CLP SURGERY 1 SUNDANCE 2

(11:00 am) A comparison of intravenous ketorolac to oral ibuprofen for management of post-operative pain in palatoplasty patients
Alfredo Cepeda

(11:10 am) Comparison of Clonidine and Gabapentin in Peri-Operative Recovery After Primary Palatoplasty
Alison Kaye

(11:20 am) Factors Associated with Decreased Length of Stay After Primary Palatoplasty
Alison Kaye

(Discussion)

(11:40 am) The Yin and Yang of Primary Unilateral Cleft Lip and Nose Repair: Opposing cleft and non-cleft side changes and the importance of balance in achieving harmony
Benjamin Massenburg

(11:50 am) Decreasing the Burden of Care on Patients with Cleft Lip Nasal Deformities Using Early Cleft Lip Repair
Christian Jimenez

(12:00 pm) Evaluation of the Effectiveness of Multimodal Analgesia Combining a Modified ERAS Protocol and Supra-zygomatic Maxillary Nerve Block in Cleft Palate Repair
Stefanie Hush

(Discussion)

OMFS SUNDANCE 3

(11:00 am) A 3-Dimensional evaluation of the effects of unilateral vertical mandibular distraction osteogenesis on airway volume among patients with hemifacial microsomia
Sarah Pak

(11:10 am) Virtual 3D Reduction of Displaced Mandible Fractures: In-House Virtual Planning Workflow
Justin Beiriger

(11:20 am) The Impact of Neonatal Mandibular Distraction on Long-Term Mandibular Growth and Morphology
Justin Beiriger

(11:40 am) High-Volume Orthognathic Surgery: Disparities in Patient Populations, Admission Charges, and Surgical Complications
Christopher Kalmar

(Discussion)

Clinical and Radiographic Predictors of Orthognathic Surgery in Cleft Lip and Palate Patients
Cleo Yi

Visual Perceptions of Hemifacial Microsomia Reconstruction: A Prospective Study with Eye Tracking Technology and Linear Mixed Effect Model Analysis
Dillan Villavisanis

(Discussion)

2:00 pm – 3:30 pm CONCURRENT SESSIONS CRANIOFACIAL SURGERY 2 FORT WORTH 4-5

(2:00 pm) Surgical outcomes of cranioplasty procedures with 3D-printed implants: a systematic review
Rachel Pyon

Surgical Management in Isolated Squamosal Craniosynostosis: A Systematic Review
Fedra Fallahian

Hospital Admission Charges for Complex Midface Advancement in Pediatric Patients
Christopher Kalmar

(Discussion)

Machine Learning in Metopic Craniosynostosis: Does Phenotypic Severity Predict Long-Term Aesthetic Outcomes?
Jessica Blum

Metopic Severity and Intracranial Pressure: The Whole Story or Just a Chapter?
Jessica Blum

(3:00 pm) A Treatment Algorithm for Patients Presenting with Sagittal Craniosynostosis After the Age of One Year: Follow up After 6 Years
Justin Beiriger

(Discussion)

IMAGING SUNDANCE 3

(2:00 pm) Measuring deformational plagiocephaly and brachycephaly using a smartphone in a prospective study
Can Kocabalkanli

(2:10 pm) Evaluating SWAG and Its Validity When Compared to 3D Imagery of Secondarily Grafted Cleft Sites
John Peterman

(2:20 pm) 3D Photogrammetry to Quantify the Severity of Metopic Craniosynostosis
Madeleine Bruce

(Discussion)

(2:40 pm) Trends in cleft palate incidence in the era of obstetric sonography and early detection
Omri Emodi

(2:50 pm) Age-dependent machine learning model improves head shape characterization and provides longitudinal evaluation of patients with craniosynostosis
Connor Elkhill

(3:00 pm) In-house sterilized 3D-printed templates for pediatric cranioplasty: a comparative analysis
Rachel Pyon

Friday, April 1 continued

(3:10 pm) Development of a Craniofacial Soft Tissue Anthropomorphic Database: Application of Diffeomorphic Algorithms to MRI
Dillan Villavisanis
(Discussion)

FEEDING/NUTRITION TEXAS EF

(2:00 pm) Human Milk Feeding of Infants Admitted to NICU with Cleft Lip and Palate
Neda Tahmasebifard

(2:10 pm) Efficacy and satisfaction in an educational intervention for pediatric nutrition directed to health professionals that assist patients with cleft lip and palate
Jose Espinoza Mancera

(2:20 pm) Rethinking the Rule of 10s: Early Cleft Lip Repair Improves Weight Gain
Katelyn Kondra
(Discussion)

(2:40 pm) Growth of Infants with Pierre Robin Sequence in First Two Years of Life
Lauren Madhoun

(2:50 pm) Situational Analysis about the quality of nutritional care in multidisciplinary centers for care of patients with cleft lip and palate in Mexico, Central America and the Caribbean
Marcia Rosario Perez

(3:00 pm) A Qualitative Study of Current Practice and Training Trends for Feeding Services in Infants with Cleft Palate
Katelyn Kotlarek

CLP SURGERY 2 SUNDANCE 2

(2:00 pm) Associations of Facial Ratios, Attractiveness, and Masculinity-Femininity: Insights from 597 Individuals
Dillan Villavisanis

(2:10 pm) Designing the Prolabial Flap in Revisional Bilateral Cleft Lip Surgery: Clinical and Quantitative Analysis Of Post-Operative Stretch with Longer-Term Follow-up
Alina Sinha

Implementation of an Ambulatory Cleft Lip Repair Protocol: Surgical Outcomes
Jenn Park
(Discussion)

Post-operative Hypocalcemia in Patients with 22q11.2 Related Disorders
Jill Arganbright

COVID Cleft: A national evaluation of cleft care operating through the COVID-19 Pandemic in the United Kingdom
Neil Brierley

National Undervaluation of Cleft Surgical Services: Evidence from a Comparative Analysis of 50,450 Cases
Danielle Rochlin

PEDIATRICS, PSYCHOSOCIAL AND QOL FORT WORTH 1-3

(2:00 pm) Risk factors for late diagnosis of positional plagiocephaly and impact on helmet therapy: A review of 25,322 patients
Naikhoba Munabi

(2:10 pm) Caregiver Observations of Infant Comfort, Behavior and Emotional Adjustment Before and After Surgery for Cleft Lip
Claudia Crilly Bellucci

(2:20 pm) The CLAPA Adult Services Project: Using Evidence-Based Practice to Design and Deliver New Interventions
Kenny Ardouin

(Discussion)

(2:40 pm) The Global Smile Foundation Surgical Program : Clinical and Economic Impact in Developing Countries
Robert Younan

(2:50 pm) COVID Check-In: Optimizing Cleft & Craniofacial Team Care during COVID-19 using an on-line social pediatrics screening instrument
Christine Loock

(3:00 pm) Neurodevelopment in Patients with Nonsyndromic Sagittal Craniosynostosis: Six-Month Postoperative Follow-up
Alexis Johns

(Discussion)

3:45 pm – 5:15 pm CONCURRENT SESSIONS CRANIOFACIAL SURGERY 3 FORT WORTH 4-5

Efficacy of Virtual Reality Surgical Planning and Intraoperative Navigation for Facial Fractures: A Preclinical Validation Study
Sydney Mathis

Cell-Augmented Scaffold-Enhanced (CASE) Cranioplasty: A New Regenerative Paradigm for Interval Autologous Cranioplasty
Margarete Knudsen

Regional Changes Following Endoscopic Strip Craniectomy for Sagittal Craniosynostosis: Recipe for Success?
NOTE: Not eligible for accredited continuing education.
George Washington
(Discussion)

Impact of Tranexemic acid in Pediatric Cranial Vault Reconstruction: A single institution's retrospective analysis
Edgar Soto

The Clinical Significance of Clinoccephaly in Late-Presentation Sagittal Craniosynostosis
Justin Beiriger

Evaluation of head height after endoscopic repair of sagittal craniosynostosis
Andrew Linkugel

Making the Diagnosis in Sagittal Craniosynostosis: It's Height, Not Length, That Matters
Jessica Blum
(Discussion)

3:45 pm – 5:15 pm TEAM CARE/CARE DELIVERY FORT WORTH 1-3

(4:00 pm) Achieving Standardized Measurement of Aesthetic, Dental, and Speech Outcomes in Children with Cleft Lip and/or Palate: A Pilot Study of a Multifaceted Implementation Strategy
Thomas Sitzman

(4:10 pm) Sociodemographic Factors: Effect on Patient Reported Outcomes in Pediatric Cleft Lip and Palate Patients
Elysa Chapa

(4:20 pm) Standardized screening of social risk factors and unmet social needs in patients with craniofacial anomalies during multidisciplinary team visits: addressing unmet social needs.
Geisel Collazo

(Discussion)

(4:40 pm) Emergency Response Protocols for Overseas Outreach Settings: Global Smile Foundation Strategy
Antonio Melhem

(4:50 pm) Evaluation and Optimization of the Craniosynostosis Triage Pathway
Melissa Roy

(5:00 pm) Application of Safety Protocols for International Cleft Outreach Programs During the COVID-19 Pandemic: Global Smile Foundation Precaution Guidelines and Implications
Omar Al Abyad
(Discussion)

3:45 pm – 5:15 pm DENTISTRY/ORTHODONTICS TEXAS EF

(4:00 pm) Association Between Dental Caries and Orofacial Clefts: Meta-analysis
Tamer Marzouk

(4:10 pm) Dental Arch Relationship Outcomes in Children with UCLP Operated on One-Stage and Two-Stage Primary Palatoplasty
Terumi Ozawa

(4:20 pm) Effect of Gingivoperiosteoplasty and Nasoalveolar Molding on Maxillary Transverse Dimension in Patients with Complete Unilateral Cleft Lip and Palate
Yassmin Parsaei
(Discussion)

(4:40 pm) Presurgical cleft management of infants: A survey of ACPA approved and international cleft palate and craniofacial teams
Sven Jensen

(4:50 pm) The Effect of Earlier Bone Grafting, Prior to Orthodontic Treatment, on SWAG Ratings of Graft Outcomes
Catherine Lowry

(5:00 pm) Longitudinal Assessment of Dento-skeletal Dimensions In Children with Repaired Unilateral Cleft Lip and/or Palate Deformity
Satinder Singh
(Discussion)

CLP SURGERY 3 SUNDANCE 2

(4:00 pm) Artificial Intelligence for the Evaluation of Unilateral Cleft Lip Severity
Eric Nagengast

(4:10 pm) 10-Year Comparison of Nasolabial Aesthetic Outcomes Between Patients Treated With and Without Presurgical Orthopedic Devices
Katie Garland

Friday, April 1 continued

A Survey based assessment of Alveolar Bone Graft protocols in North America.
Pardeep Kaur

(Discussion)

Comparison of Pre-surgical Anthropometric Measures of Right and Left Complete Unilateral Cleft Lips and/or Palates.
David Chong

The white skin roll flap and lip contour lines in unilateral cleft lip repair
Lucia Pannuto

The Role of Postoperative Nasal Stents in the Preservation of Nasal Symmetry and Prevention of Nostril Stenosis in Cleft Rhinoplasty: A Systematic Review
David Nguyen

(Discussion)

3:45 pm – 5:15 pm

**GENETICS AND EPIDEMIOLOGY
SUNDANCE 3**

(4:00 pm) COMT rs4818 polymorphism and psychological and psychiatric health in individuals born with cleft lip and palate
Alexandre Vieira

(4:10 pm) Effect of Analysis Methods and Phenotype Stratification for Identification of Nonsyndromic Cleft Lip and Palate Genetic Loci
Brett Chiquet

(4:20 pm) Crowdsourcing in Cleft & Craniofacial Surgery: A Systematic Review
Dillan Villavisanis

(Discussion)

(4:40 pm) Demographics and Trends of Patients with Cleft Lip and Palate Born in Tennessee from 2000-2017
Siddharth Patel

(4:50 pm) Disparities In Access To Surgical Care For Newborns With Craniosynostosis Exist In The United States in 2020 Despite Health Care Reform
Jeffrey Goldstein

(5:00 pm) Syndromic Cleft Lip/Palate Representation in GeneReviews
Emily Hansen-Kiss

(5:10 pm) Craniosynostosis: an exploratory epidemiologic and genetic studies in an African population
Mavis Asante

(Discussion)

SATURDAY, APRIL 2, 2022

8:30 am - 9:30 am

**SURGICAL SHORT TALKS
FORT WORTH 4-5**

Note: Short Talks (5 min)

1. The Vertical Vector Spring PVE
Juling Ong
2. Risk Factors for Late (>18 Months) Cranial Surgery for Craniosynostosis
Darin Patmon
3. Outcomes associated with vomer flap repair and early versus late alveolar bone grafting in patients with cleft lip and palate
Paul Ratmeyer
4. Improvement of Nasal Airway Obstruction After Secondary Cleft Rhinoplasty: A Longitudinal Study using the Nasal Obstruction Symptom Evaluation Scale
Anna Carlson
5. Increased Perioperative Complications in Craniosynostosis Surgery After 18 Months of Age
Harminder Sandhu
6. Nasopharyngeal Stenosis 101: A Review for Craniofacial Teams on a Rare Condition
Erik Wolfswinkel
7. Sand Dollar and Staves Technique for Treatment of Unilateral Lambdoid Craniosynostosis: A Comparative Pilot Study
Andrew Ferry
8. Reliable, reproducible and teachable: correction of transverse facial clefts with the anatomic approximation approach across 3 generations of cleft surgeons
Nicole Kurnik
9. Long-term Results of Our Modified Tajima (NANIWA) Technique to Repair Unilateral Cleft Lip
Mariko Noto

10. The Efficacy of Multimodal Analgesia Combining an Enhanced Recovery Protocol with Bilateral Suprazygomatic Maxillary Nerve Blocks in Patients Undergoing Two-Jaw Orthognathic Surgery
Alexis Tashima

**NON-SURGICAL SHORT TALKS
FORT WORTH 1-3**

Note: Short Talks (5 min)

1. Private Insurance vs. Medicaid: Impact on Initiation of Breast Milk Feeding Among Infants with CL/P
Gabrielle Stowe
2. Institutional Trends in Opioid Prescribing and Utilization after Primary Cleft Lip and Palate Repair
Gina Sacks
3. Protective Effect of Preoperative Speech Surgery on the Incidence of Postoperative Surgically Relevant Velopharyngeal Dysfunction Following Maxillary Distraction or Advancement
Alexis Tashima
4. Health-Related Quality of Life in Pediatric Patients with Congenital and Traumatic Facial Conditions
Rishi Modi
5. Differences in Psychosocial Burden of Pediatric and Adult Patients with Congenital vs Traumatic Facial Differences
Karen Leung
6. Differences in Healthcare Utilization of Pediatric and Adult Patients with Congenital vs Traumatic Facial Differences and Impact of Psychiatric Distress
Karen Leung
7. A 40 year review: Comprehensive care for Parry-Romberg Syndrome
Ingrid Ganske
8. Examining linguistic disparities in patient experiences with virtual craniofacial care
Ryan Badiie
9. Estimated Time of Arrival: Impact of Healthcare disparities on Access to Multidisciplinary Cleft Palate and Cleft Lip Care
Paul Asadourian
10. Factors Associated with Poor Outcomes of Orthotic Helmet Therapy for Deformational Plagiocephaly
Aaron Long

9:45 am - 11:00am

**THE WORLD CLEFT COALITION:
TEAM REFLECTIONS
FORT WORTH 1-3**

Serena Kassam, Jamie Perry, Gareth Davies, Erin Stieber, Hugh Brewster, Ruben Ayala, Usama Hamdan

**ASCFS POST CON PANEL
FORT WORTH 4-5**

John van Aalst, Allison M. Dobbie, Bill P. Magee, Ananth S. Murthy, David J. Reisberg, Rosemary Seelaus, Magdalena Soldanska

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A device designed for removal

Concealed distraction mechanism

The concealed slot location potentially reduces exposure to osteotomy site. With less exposure, risk for tissue interference may be reduced



Type II anodization

Device body and footplates undergo Type II anodization, improving the surface finish. This finish may reduce the risk for tissue and bone adhesion, potentially simplifying removal

Pediatric Mandibular Distractor
with anti-reverse mechanism

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In 2019, ACPA began inviting allied organizations to the Annual Meeting through the International Partner initiative, in an effort to collaborate more frequently in between the meetings of the International Cleft Congress. We are honored that the Craniofacial Society of Great Britain and Ireland will be joining us as the International Partner at this year's Annual Meeting.

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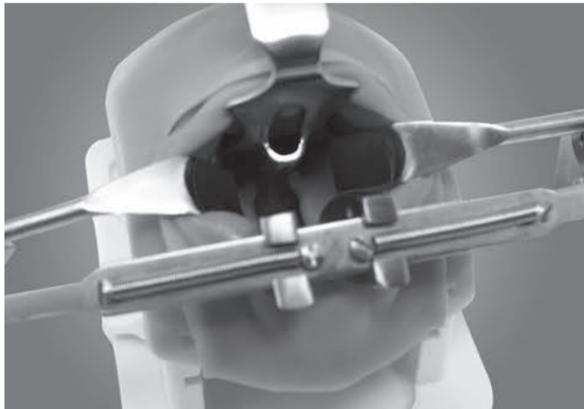


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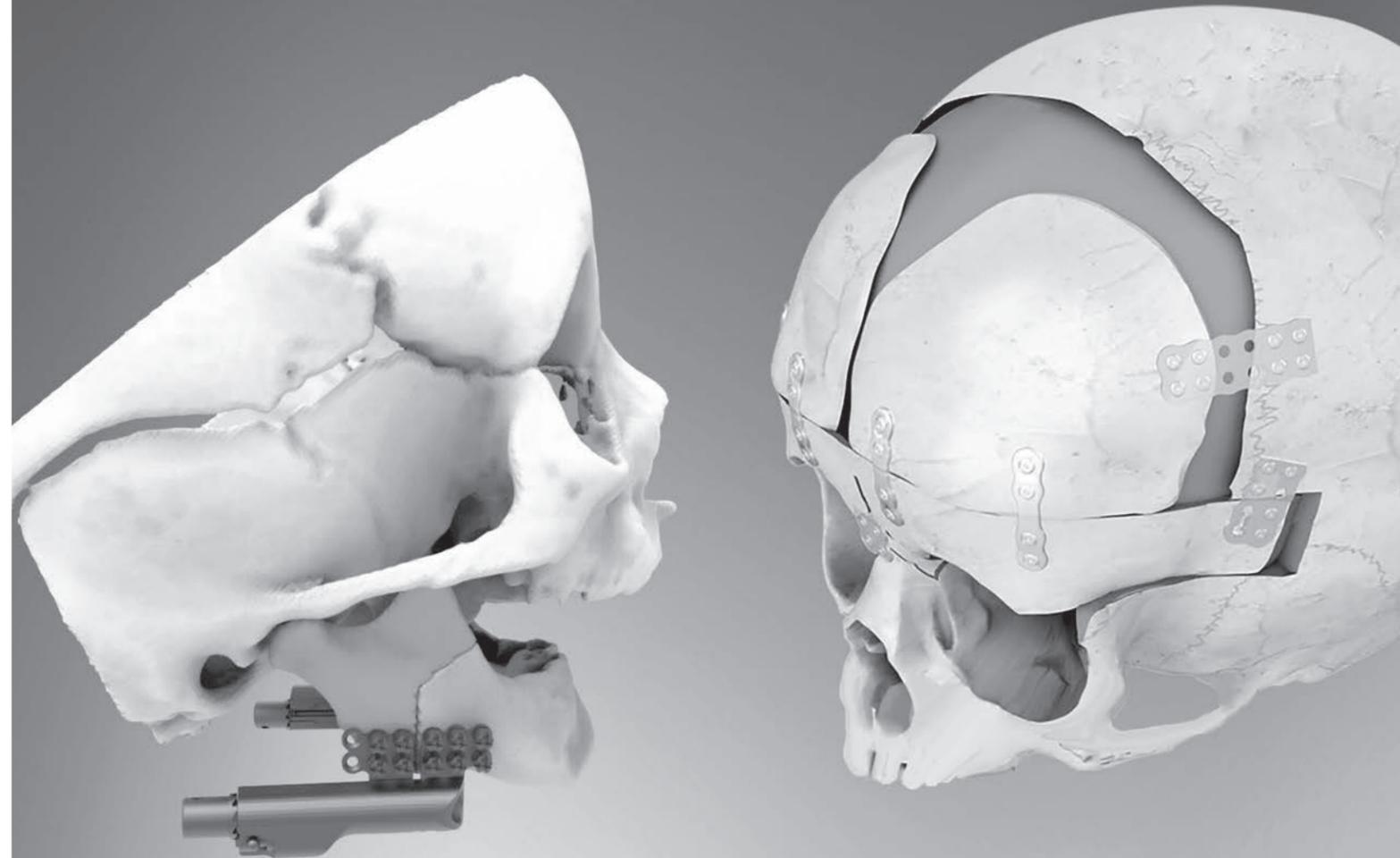
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ACPA's 2022-2024 Strategic Plan

ACPA is proud to announce the 2022-2024 Strategic Plan, establishing a roadmap for the association to ensure growth and impact, and inspire our members, patients and families. Approved by the Board of Directors on January 27, 2022, ACPA will reimagine what is possible for our community while being well-prepared for what is an ever-changing world.

COMMUNICATION AND ADVOCACY

- Set the standard and be the source to promote team care as the best model for cleft-craniofacial care
- Communicate the importance of access to and value of team care to legislators, the public, providers and affected individuals

Indicators of Success

- Increased awareness of the organization by the public, providers, and legislators
- Increase access to cleft and craniofacial care
- Elements of quality team care are recognized by patients and providers
- Collaborations are established with organizations that share similar advocacy goals

DRIVE EXCELLENCE AND INNOVATION IN EDUCATION

- We will be leaders in the dissemination of evidence-based education for patients, families, and professionals
- We will cultivate innovative multimodal educational offerings

Indicators of Success

- There is increased access and utilization of educational resources by patients and families throughout their entire healthcare journey
- Expanded the reach of ACPA in-person, virtual, and hybrid educational offerings to include greater national and international engagement
- Successfully expand and promote all aspects of interdisciplinary continuing education

RESEARCH ADVANCEMENT, ENGAGEMENT, AND COMMUNICATION

- Foster development and promote involvement in innovative research from all stakeholders
- Promote the advancement of science via the dissemination and discussion of basic science, clinical, and outcomes research through a variety of platforms

Indicators of Success

- Professionals have access to the latest research findings, as a supplement to *CPCJ*

- Patients and families have free access to the latest research findings and ongoing research studies
- ACPA has developed a framework for research discussion, collaboration, and identifying sources of funding
- Expanded reach of *CPCJ* resulting in an increased impact factor

COLLABORATION, NETWORKING, AND CONNECTIONS

- Encourage collaborations that enhance our ability to reach families and providers, locally, nationally and internationally to enable an environment that brings together families and providers across specialties and experiences

Indicators of Success

- We have defined collaborative relationships with other groups that have common clinical interests. Regular communication with these organizations, include inter-organizational input into ACPA projects, identifying different ways to collaborate and implement

EMBRACE AND ADVANCE DIVERSITY, EQUITY, AND INCLUSION

- Promote diversity and respect; identify and dismantle barriers to involvement; and create a welcoming and inclusive environment so that all ACPA members, employees, and families can thrive

Indicators of Success

- Increased sense of belonging among members and families
- Leadership, membership, and resources show increased diversity
- Increased member recruitment and retention rate including international members



**American Cleft Palate–
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