



ISCFS 2025

27-30 OCTOBER

Shanghai, China | www.iscfs.org

ISCFS PRESIDENT: DR. XIONGZHENG MU

PRELIMINARY PROGRAM

October 26, 2025

BRIDGING FRONTIERS: INNOVATION AND INTEGRATION IN CRANIOFACIAL SURGERY

INTERNATIONAL SOCIETY OF CRANIOFACIAL SURGERY

OCTOBER 27-30, 2025 | SHANGHAI, CHINA

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WELCOME TO SHANGHAI!



Welcome to Shanghai, the vibrant heart of innovation and culture!

It is my great pleasure to welcome you to the 21st ISCFS Congress in Shanghai. Over four exciting days—from the Monday Pre-Congress sessions through to the main Congress from Tuesday to Thursday—we have an outstanding program lined up for you. Our agenda features a diverse range of cutting-edge presentations including selected podium and poster sessions representing over 38 countries, showcasing the latest advancements in our field.

This Congress is not only about learning, but also about reconnecting. We encourage you to take full advantage of the breaks to catch up with old friends and colleagues. Don't miss the opportunity to explore the newest technologies and products from our industry exhibitors, who have gathered here to support your work and innovation.

A special reminder for all previously confirmed Active Voting members to attend the Business Meeting on Wednesday morning—your participation is vital to shaping the future of our society.

Finally, I invite you to join us for the Gala Dinner on Wednesday evening at the Congress Hotel—an occasion to celebrate our community in style.

I hope you also find some time to explore the gorgeous city of Shanghai and enjoy its unique blend of tradition and modernity.

Thank you for being part of this remarkable gathering. Let's make these four days truly inspiring!

Warm regards,

DR. XIONGZHENG MU
ISCFS President (2023-2025)



Co-Chair of
2025 ISCFs Congress
Dr. Qingfeng Li (李青峰)
Shanghai 9th People's Hospital



Co-Chair of
2025 ISCFs Congress
Dr. Xudong Wang (王旭东)
Shanghai 9th People's Hospital

- Director of the Department of Plastic and Reconstructive Surgery
Vice President of Shanghai Ninth People's Hospital
Shanghai Jiao Tong University School of Medicine
- Yangtze River Scholar Distinguished Professor
- Recipient of the National Science Fund for Distinguished Young Scholars
- President of the Chinese Association of Plastic and Reconstructive Surgeons (CAPRS)
- International Fellow of the American Association of Plastic Surgeons (AAPS)
- Founding Member of the American Society of Reconstructive Transplantation (ASRT)

- Vice President of Ninth People's Hospital
Shanghai Jiao Tong University School of Medicine
- Deputy Director of the National Center for Stomatology
- Chairman of Oral and Maxillofacial Trauma and Orthognathic Surgery Committee
Chinese Stomatological Association
- Vice President of Stomatologist Branch of Chinese Medical Doctor Association
- Director of the Shanghai Children's Craniomaxillofacial Deformity Screening
Diagnosis and Treatment Center



Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine



SINCE 1920


Total Area
277.9 acres


Building Area
498,000m²


Inpatient Beds
2150 beds


Dental Units
1000 chairs


Total Employees
5612

Discipline Characteristics

63 Operations Sections

Stomatology	15
Clinical	38
Medical Technology	10

Discipline Classification

Level 1	5
Level 2	10
Level 3	11
Level 4	27
Medical Technology	10

National Key Discipline

- National Key Discipline(3+1)
- Oral Clinical Medicine
 - Plastic & Reconstructive Surgery
 - Orthopedics
 - Stomatology (Cultivation)

211 Project(4)

- Stomatology
- Plastic & Reconstructive Surgery
- Orthopedics
- Vascular Surgery

Key Discipline of National Administration of Traditional Chinese Medicine

- Mucosal Disease in Integration of Chinese and Western Medicine

National Clinical Key Discipline(16)

- Orthopedics
- Endodontics
- Oral and Maxillofacial Surgery
- Periodontics
- Prosthodontics
- Ophthalmology
- Orthodontics
- Oral Mucosa Surgery
- Plastic & Reconstructive Surgery
- Intervention
- Otorhinolaryngology-Head and Neck Surgery

Scientific Research Platform

National Engineering Research Center

- National engineering research center for tissue engineering
- Ministry of education engineering research center for digital medicine

Shanghai Engineering Technology Research Center

- Clinical transformation of medical 3D printing technology
- Advanced technologies and materials in stomatology
- Innovative orthopedic devices and personalized medicine

Shanghai Key Laboratory

- Stomatology
- Tissue Engineering
- Orthopedic implants
- Translational medicine for ear and nose diseases
- Orbit tumors
- Digestive tract microecology and related major diseases

Shanghai professional technical service platform

- Oral and maxillofacial tumor tissue samples and bioinformatics database
- Biomedical Materials Testing
- Medical implant testing
- Diagnosis and treatment of temporomandibular joint disease and maxillofacial deformity

Top 10 Subjects

Plastic & Reconstructive Surgery
Ranking 1
(volume value 100.00)

Stomatology
Ranking 3
(volume value 65.76)

Otorhinolaryngology-Head and Neck Surgery
Ranking 5
(volume value 60.36)

Orthopedics
Ranking 6
(volume value 66.53)

Ophthalmology
Ranking 7
(volume value 36.17)

SCHEDULE OVERVIEW

SCHEDULE OVERVIEW

MONDAY, OCTOBER 27, 2025	
Room: Jing An Grand Ballroom I+II	
8:00 am	Welcome and Introductions
8:10 am	PANEL 1: Orthognathic & Orthodontics
10:30 am	Coffee Break
10:00 am	PANEL 1: Orthognathic & Orthodontics
12:00 pm	Lunch Break
1:00 pm	Evolving Treatment of Craniosynostosis
3:00 pm	Coffee Break
3:30 pm	Syndromic Craniosynostosis
5:00 pm	Closing Remarks

TUESDAY, OCTOBER 28, 2025		
Poster Session 1: Room: Jing An Grand Ballroom III		
	Room: Jing An Grand Ballroom I	Room: Jing An Grand Ballroom II
8:15 am	Opening Ceremony / President Speech	
8:50 am	Keynote Presentations	
9:20 am	Tessier Medal	
9:45 am	Marchac Award	
10:00 am	Coffee Break	
10:30 am	Invited Lectures	
11:30 pm	Lunch Break	
1:00 pm	Session 1A: Non-Syndromic Craniosynostosis	Session 2: Distraction Osteogenesis of the Craniofacial Skeleton
3:30 pm	Coffee Break	
4:00 pm	Session 1B: Non-Syndromic Craniosynostosis	Session 3: Craniofacial Clefts or Encephaloceles & Neurosurgical Considerations in Craniofacial Surgery
6:00 pm	Welcome Reception in Exhibit Hall	
7:30 pm		

WEDNESDAY OCTOBER 29, 2025		
Poster Session 2: Room: Jing An Grand Ballroom III		
	Room: Jing An Grand Ballroom I	Room: Jing An Grand Ballroom II
7:30 am	ISCFS Business Meeting	
8:30 am	Session 4A: Syndromic Craniosynostosis	Session 5A: Craniofacial Microsomia including Microtia
10:00 am	Coffee Break	
10:30 am	Session 4B: Syndromic Craniosynostosis	Session 5B: Craniofacial Microsomia including Microtia
11:20 am		Session 6: Facial Dysostosis
12:00 pm	Indications for Surgery (Young Surgeons' Committee)	Asian Session
1:00 pm	Session 7: Craniofacial Feminization Surgery and Facial Contouring Surgery	Session 9A: Maxillofacial and Orthodontic Aspects of Craniofacial Surgery
3:30 pm	Coffee Break	
4:00 pm	Session 8: Craniofacial Basic Scienc	Session 9B Maxillofacial and Orthodontic Aspects of Craniofacial Surgery
4:30 pm		Session 1C: Non-Syndromic Craniosynostosis
6:00 pm		
7:00 pm	Gala-Dinner Transfer of Presidency Announcement of 22 nd ISCFS Congress	
10:00 pm		

THURSDAY OCTOBER 30, 2025		
Poster Session 3: Room: Jing An Grand Ballroom III		
	Room: Jing An Grand Ballroom I	Room: Jing An Grand Ballroom II
8:30 am	Session 10A: Cranio-Maxillofacial Trauma	Session 11: Artificial Intelligence, Augmented Reality, Virtual Reality
10:30 am	Coffee Break	
11:00 am	Session 10B: Cranio-Maxillofacial Trauma	Session 13: Cleft Lip and Palate – Complicated or Secondary Problems
12:00 pm	Lunch Break	
1:00 pm	Session 12: Virtual Surgical Planning and Surgical Simulation / Simulation Surgical Education	Session 16: Tumors and Microsurgery in Craniofacial Surgery
3:00 pm	Coffee Break	
3:30 pm	Session 15: Craniofacial Team Coordination and Care Pathways	Session 14: Tumors and Vascular Anomalies
4:20 pm	Session 17: Breathing Difficulties and Airway Management	
5:00 pm	Closing	



Scan QR-Code & Download pdf-Program

ORGANIZATION

VENUE

Jing An Shangri-La, Shanghai
1218 Middle Yan'an Road, Jing An Kerry Centre
West Nanjing Road
Shanghai 200040
China

DATE

October 27-30, 2025

SOCIETY



International Society of Craniofacial Surgery (ISCFS)
ISCFS President 2023-2025: Xiongzhen Mu

CONGRESS SECRETARIAT

boeld communication, Inc.
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www.bb-mc.com

LOCAL PCO

Shanghai Hongbo Exhibition Service Co., LTD
Contact:



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COMMITTEES

SCIENTIFIC COMMITTEE

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Jordan Swanson (United States)
Jesse Taylor (United States)
Mark Urata (United States)
Steven Wall (United Kingdom)
Xudong Wang (China)
Yorikatsu Watanabe (Japan)
Eppo Wolvius (The Netherlands)
Xianxian Yang (China)
Bin Yang (China)

ISCFS

ISCFS

COUNCIL 2025

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Ian R. Munro (United States)
Joseph E. Murray (United States)
Fernando Ortiz-Monasterio (Mexico)
Jorge Psillakis (Mexico)
Kenneth E. Salyer (United States)
Michael Striker (France)
Paul L. Tessier (France)
Jacques van der Meulen (The Netherlands)
Linton A. Whitaker (United States)
S. Anthony Wolfe (United States)

PAST PRESIDENTS:

Richard Hopper
2021-2023 | United States

Eric Arnaud
2017-2019 | France

Fernando Molina
2015-2017 | Mexico

Kaneshige Satoh
2013-2015 | Japan

Scott Bartlett
2011-2013 | United States

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2009-2011 | South Africa

Stephen Wall
2007-2009 | United Kingdom

Anthony Wolfe
2005-2007 | United States

David David
2003-2005 | Australia

Ken Salyer
2001-2003 | United States

Claes Lauritzen
1999-2001 | Sweden

Yu Ray Chen
1997-1999 | Taiwan

Linton Whitaker
1995-1997 | United States

Daniel Marchac
1993-1995 | France

Fernando Ortiz Monasterio
1991-1993 | Mexico

Joseph McCarthy
1989-1991 | United States

Ian Munro
1987-1989 | Canada

Paul Tessier
1985-1987 | France

ISCFS BIENNIAL CONGRESS

2023 20th International Congress – Seattle, WA, United States
2021 19th International Congress – Virtual
2019 18th International Congress – Paris, France
2017 17th International Congress – Cancun, Mexico
2015 16th International Congress – Tokyo Bay, Japan
2013 15th International Congress – Jackson Hole, WY, United States
2011 14th International Congress – Livingston, Zambia
2009 13th International Congress – Oxford, United Kingdom
2007 12th International Congress – Bahia, Brazil
2005 11th International Congress – Queensland, Australia
2003 10th International Congress – Monterrey, CA, United States
2001 9th International Congress – Visby, Gotland, Sweden
1999 8th International Congress – Taipei, Taiwan
1997 7th International Congress – Santa Fe, NM, United States
1995 6th International Congress – St. Tropez, France
1993 5th International Congress – Oaxaca, Mexico
1991 4th International Congress – Santiago de Compostela, Spain
1989 3rd International Congress – Florence, Italy
1987 2nd International Congress – New Delhi, India
1985 1st International Congress – La Napoule, France

ISCFS AWARDS

Paul Tessier Medal

2005 Fernando Ortiz-Monasterio – Mexico
2009 Linton Whitaker – United States
2013 Daniel Marchac – France
2015 Joseph McCarthy – United States
2019 David J. David – Australia

Paul Tessier Memorial Lecture

2003 Michael Longaker – United States
2005 Jeffery Richardson – Australia
2015 Joseph McCarthy – United States
2017 Kenneth Salyer – United States
2019 David J. David – Australia

Ortiz-Monasterio Memorial Lecture

2013 Joseph McCarthy – United States
2015 David David – Australia
2017 Linton Whitaker – United States
2019 Benoit Lengele – Belgium
2023 Oleh Antonyshyn – Canada

Daniel Marchac Award

2017 Jesse Taylor – United States
2019 Pradip Shetye – United States
2023 Melissa Kurniawan – The Netherlands

INVITED SPEAKERS



GUANGZHONG YANG

Congress Invited Speaker

Professor Guang-Zhong Yang (CBE, FREng, FIEEE, FIET, FAIMBE, FIAMBE, FMICCAI, FCGI) is the founder and chief scientist of the Institute of Medical Robotics at Shanghai Jiao Tong University. He was the founder and director of the Hamlyn Centre for Robotic Surgery, Imperial College London, UK. Professor Yang's main research interests are in medical imaging, sensing and robotics. He is a Fellow of the Royal Academy of Engineering, fellow of IEEE, IET, AIMBE, IAMBE, MICCAI, CGI and a recipient of the Royal Society Research Merit Award and listed in The Times Eureka 'Top 100' in British Science. Professor Yang is the founding editor of Science Robotics (<http://robotics.sciencemag.org/>) – a journal of the Science family dedicated to the latest advances in robotics and how it enables or underpins new scientific discoveries. He was awarded a CBE in the Queen's 2017 New Year Honour for his contribution to biomedical engineering. He will be speaking about *Surgical Robots: From Minimally Invasive to Ultra-Microscopic*.



YILAI SHU

Congress Invited Speaker

Dr. Yilai Shu is a physician scientist in the department of otolaryngology at Eye & ENT Hospital of Fudan University. He obtained both M.D. and Ph.D. degree in otolaryngology. From 2010 to 2014, he studied as a PhD student in the joint training program and continued his research as a postdoctoral fellow at Massachusetts Eye and Ear-Harvard Medical School. Now, he serves as the vice president of Eye & ENT Hospital of Fudan University and Director of the Diagnosis and Treatment Center for Hereditary Deafness. His clinical interests are Otolaryngology and Neurotology. He is an expert in gene therapy and translational medicine of hereditary deafness based on gene replacement or CRISPR/Cas9 gene editing, hair cell regeneration in the inner ear, and hearing protection. He has developed a gene therapy candidate drug—AAV-hOTOF—for the treatment of hearing loss caused by genetic defects and successfully spearheaded the world's first clinical trial in this groundbreaking field. He was awarded the 2025 ARO Award for Clinical Innovation and the XPLOER PRIZE for his commitment to advancing gene therapy treatments for hearing restoration. He will be speaking about *Gene therapies for congenital deafness: from bench to bedside*.



ZIYI BING

Congress Invited Speaker

Dr. Bing is an experienced internist with a strong background in clinical practice. While her professional expertise lies in medicine, she also has a deep passion for history and culture. In honor of our conference being held here in Shanghai, she will be sharing with us a fascinating perspective on the origins of Chinese writing — from the oracle bone script to the development of Chinese characters.

INVITED SPEAKERS



XIAOXI LIN

Congress Invited Speaker

Professor of Plastic Surgery, Shanghai Jiao Tong University School of Medicine, and Chair of Laser and Aesthetic Medicine at Shanghai Ninth People's Hospital. Dr. Lin is an internationally recognized expert in vascular anomalies, facial reconstructive and aesthetic surgery, and laser medicine. Over the past 30 years, he has pioneered innovative surgical and non-surgical treatments, advanced the understanding of infantile hemangioma, and trained numerous young surgeons. A leader in facial rejuvenation, he developed the cable-stayed bridge rhytidectomy, honored as a Plastic and Reconstructive Surgery cover article and awarded Best Paper in 2019. He has published extensively, delivered keynote lectures worldwide, and received numerous national and international awards for his scientific and clinical contributions. In addition to his medical achievements, Dr. Lin is also a passionate artist, bringing a unique sense of artistry to his surgical practice. At the congress he will be speaking about *Craniofacial Asymmetry Related to Vascular Anomalies: Insights from Characteristics, Surgical Management, and Outcomes*.



YIXIN ZHANG

Congress Invited Speaker

Professor and Chief Physician, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine. Dr. Zhang is a global leader in tissue repair and reconstructive microsurgery, specializing in microsurgical reconstruction, scar management, and functional repair after trauma or tumor surgery. He has pioneered the "Economy of Reconstructive Microsurgery" concept, published over 200 papers, holds more than 20 patents, and has received international recognition including the 2018 Godina Award (ASRM). He serves in key academic and editorial roles worldwide and has trained surgeons globally, combining clinical excellence with innovative research in regenerative medicine and microsurgery. He will be speaking about *"S & S" Concept in Facial Soft Tissue Resurfacing*.



DAVID DAVID

Congress Invited Speaker

Professor David David AC is a pioneering Australian craniofacial surgeon renowned for his transformative work with patients suffering from facial deformities and disfigurements. He founded the Australian Craniofacial Unit in Adelaide in 1975, an initiative that has positively impacted over 17,000 lives both in Australia and internationally. A recipient of the ISCFS Paul Tessier Medal, the highest award in craniofacial surgery, and named the 2018 South Australian of the Year and awarded the Order of Australia (AC), Professor David is a global leader in his field. His Keynote is focusing on *The Australian contribution to the remarkable odyssey in Chinese craniofacial surgery over 40 years: from Chang to Mu*.

CONFLICT OF INTEREST DISCLOSURES

unless indicated here, no author has any financial relationship to disclose.

ID #	Podium/Poster	Abstract Title	Authors	Presenter	Conflict of Interest DISCLOSURE	Institution	City	State	Country
347	Podium	Occlusal Plane Stability After Curvilinear Mandibular Distraction Osteogenesis	Isabel Ryan, Ashley Chang, Philip Tolley, Alexander Wilson, Nicholas Han, Allison Hu, Scott Bartlett, Jordan Swanson, Hyun-Duck Nah, Jesse Taylor	Alexander Wilson	JWS is a consultant for DePuy Synthes and has received educational grants from KLS Martin. JAT is a co-founder of Ostio, LLC. All other authors have no disclosures.	Children's Hospital of Philadelphia	Philadelphia	PA	United States
350	Podium	A Comparison of Resorbable and Titanium Fixation for Posterior Vault Distraction Osteogenesis	Isabel Ryan, Dillan Villavisanis, Philip Tolley, Nicholas Han, Allison Hu, Jordan Swanson, Scott Bartlett, Jesse Taylor	Isabel Ryan	JWS is a consultant for DePuy Synthes and has received educational grants from KLS Martin. JAT is a co-founder of Ostio, LLC. All other authors have no disclosures.	Children's Hospital of Philadelphia	Philadelphia	PA	United States
412	Podium	Predictive Modeling of Mandibular Distraction Osteogenesis Success to Treat Tongue-Based Obstructive Apnea: Results of a 16-Year, Hospital-Wide Intervention Trial	Nicholas Han, Philip Tolley, Benjamin Massenburg, Zachary Zapatero, Isabel Ryan, Allison Hu, Scott Bartlett, Jesse Taylor, Eric Liao, Joseph Napoli, Jordan Swanson, Santiago Lopez	Santiago Lopez	Dr. Taylor is a co-founder of Ostio LLC. Dr. Swanson has developed educational content for Dupuy Synthes/Johnson and Johnson. The remaining authors have no financial relationships or conflicts of interest to disclose.	Children's Hospital of Philadelphia	Philadelphia	PA	United States
417	Podium	Using Machine Learning for the Objective Evaluation of Surgical Outcomes in Sagittal Craniosynostosis	Saskia Brulleman, Luke Smith, Alexander Rickart, Lara van de Lande, Owase Jeelani, David Dunaway, Silvia Schievano, Simone Foti, Juling Ong	Saskia Brulleman	N.U. Owase Jeelani acts as a consultant for the KLS Martin group. The remaining authors have no financial relationships or conflicts of interest to disclose.	UCL Great Ormond Street Institute of Child Health and Craniofacial Unit	London		United Kingdom
431	Podium	Can We "Overcorrect" Our Way to Normal Appearance in Metopic Craniosynostosis?: A Single-Center's 33 Year Odyssey	Allison Hu, Carrie Morales, Aaron Zhao, David Perrault, Philip Tolley, Nicholas Han, Isabel Ryan, Dominic Romeo, Jordan Swanson, Scott Bartlett, Jesse Taylor	David Perrault	JAT is a co-founder of Ostio, LLC and JWS is a consultant for Depuy Synthes and has received educational grants from KLS Martin. No other financial disclosures for any of the authors.	Children's Hospital of Philadelphia	Philadelphia	PA	United States

CONFLICT OF INTEREST DISCLOSURES

unless indicated here, no author has any financial relationship to disclose.

ID #	Podium/Poster	Abstract Title	Authors	Presenter	Conflict of Interest DISCLOSURE	Institution	City	State	Country
503	Podium	Contemporary Management of the Midface in Apert Syndrome	Meagan Wu, Allison Hu, Isabel Ryan, Nicholas Han, Philip Tolley, Jordan Swanson, Scott Bartlett, Jesse Taylor	Jesse Taylor	JAT is a co-founder of Ostio, LLC and JWS is a consultant for Depuy Synthes and has received educational grants from KLS Martin. No other financial disclosures for any of the authors.	Children's Hospital of Philadelphia	Philadelphia	PA	United States
504	Podium	The APERT Severity Scale: A Quantitative Tool for Risk Stratification in Apert Syndrome	Allison Hu, David Perrault, Philip Tolley, Isabel Ryan, Nicholas Han, Eric Liao, Jordan Swanson, Scott Bartlett, Jesse Taylor	Allison Hu	JAT is a co-founder of Ostio, LLC and JWS is a consultant for Depuy Synthes and has received educational grants from KLS Martin. No other financial disclosures for any of the authors.	Children's Hospital of Philadelphia	Philadelphia	PA	United States
505	Podium	Ocular Morbidity and Visual Outcomes in Rare Craniofacial Clefts: A Contemporary Cohort Study of 102 Cases	Allison Hu, Jinggang Ng, Anny Zhong, Gil Binenbaum, Isabel Ryan, Nicholas Han, David Perrault, Philip Tolley, Jordan Swanson, William Katowitz, Scott Bartlett, Jesse Taylor	Allison Hu	JAT is a co-founder of Ostio, LLC and JWS is a consultant for Depuy Synthes and has received educational grants from KLS Martin. No other financial disclosures for any of the authors.	Children's Hospital of Philadelphia	Philadelphia	PA	United States
511	Podium	Indications and Trends in Emergent Airway and Ocular Interventions for Syndromic Craniosynostosis: A 40-Year Retrospective Review	Allison Hu, Nicholas Han, Isabel Ryan, Philip Tolley, Maura Guylar, Jordan Swanson, Jesse Taylor, Scott Bartlett	Maura Guylar	JAT is a co-founder of Ostio, LLC and JWS is a consultant for Depuy Synthes and has received educational grants from KLS Martin. No other financial disclosures for any of the authors.	Children's Hospital of Philadelphia	Philadelphia	PA	United States
513	Podium	Isolated Squamosal Synostosis: A Rare Craniosynostosis Subtype Revisited Through Cohort Analysis	Shih-Shan Chen, Connor Wagner, Isabel Ryan, Allison Hu, Nicholas Han, Philip Tolley, Jesse Taylor, Jordan Swanson, Scott Bartlett	Shih-Shan Chen	JAT is a co-founder of Ostio, LLC and JWS is a consultant for Depuy Synthes and has received educational grants from KLS Martin. No other financial disclosures for any of the authors.	Children's Hospital of Philadelphia	Philadelphia	PA	United States

CONFLICT OF INTEREST DISCLOSURES

unless indicated here, no author has any financial relationship to disclose.

ID #	Podium/Poster	Abstract Title	Authors	Presenter	Conflict of Interest DISCLOSURE	Institution	City	State	Country
514	Podium	Clinical and Aesthetic Outcomes of Neo-Frontobandeau Technique for Fronto-Orbital Advancement	Allison Hu, Philip Tolley, Isabel Ryan, Nicholas Han, Scott Bartlett, Jesse Taylor, Jordan Swanson	Jordan Swanson	JAT is a co-founder of Ostio, LLC and JWS is a consultant for Depuy Synthes and has received educational grants from KLS Martin. No other financial disclosures for any of the authors.	Children's Hospital of Philadelphia	Philadelphia	PA	United States
515	Podium	Posterior Cranial Vault Remodeling vs Spring-Mediated Remodeling for Sagittal Synostosis: An Outcome Analysis of 377 Patients	Allison Hu, Brandi Golden, Philip Tolley, Nicholas Han, Isabel Ryan, Scott Bartlett, Jesse Taylor, Jordan Swanson, Aaron Zhao	Jordan Swanson	JAT is a co-founder of Ostio, LLC and JWS is a consultant for Depuy Synthes and has received educational grants from KLS Martin. No other financial disclosures for any of the authors.	Children's Hospital of Philadelphia	Philadelphia	PA	United States
516	Podium	Sex-Based Differences in Zygomatic Morphology: Implications for Facial Feminization Surgery	Allison Hu, Alvin Yu, Carrie Morales, Philip Tolley, Nicholas Han, Isabel Ryan, Jesse Taylor, Scott Bartlett, Jordan Swanson	Alvin Yu	JAT is a co-founder of Ostio, LLC and JWS is a consultant for Depuy Synthes and has received educational grants from KLS Martin. No other financial disclosures for any of the authors.	Children's Hospital of Philadelphia	Philadelphia	PA	United States
517	Podium	Endoscopic-Assisted vs Open Fronto-Orbital Distraction Osteogenesis for Unilateral Coronal Synostosis: A Comparative Photogrammetric Analysis	Allison Hu, Meagan Wu, Connor Wager, Dillan Villavisanis, David Perrault, Nicholas Han, Isabel Ryan, Philip Tolley, Gregory Heuer, Scott Bartlett, Jordan Swanson, Jesse Taylor, Helen Zhou	Allison Hu	JAT is a co-founder of Ostio, LLC and JWS is a consultant for Depuy Synthes and has received educational grants from KLS Martin. No other financial disclosures for any of the authors.	Children's Hospital of Philadelphia	Philadelphia	PA	United States
657	Podium	Robotic-Assisted Cleft Lip Repair: Feasibility and Insights from a Pilot Study Using a Novel 3D-printed Cleft Model	Hannah BROWN, Leticia Lenki, Andrew Wilmer, Luz Diaz, Jack Stubbs, Rajendra Sawh-Martinez	Hannah BROWN	Medical Micro Instruments (MMI) - Grant/research support	University of Central Florida College of Medicine	Orlando	FL	United States
689	Podium	Craniofacial Feminization and Masculinization Surgery: Three-Year Single Surgeon Experience	Gerhard S. Munding, M.D., M.B.A.	Gerhard S. Munding, M.D., M.B.A.	I receive honoraria from Johnson and Johnson MedTech for participating in educational surgical courses and honoraria from the AO Foundation for participation in educational surgical courses and AO Expert Group meetings.	Crane Surgical Services	Austin	TX	United States
772	Podium	Evaluating long-term outcomes of fronto-orbital advancement in metopic synostosis: insights from 3D photogrammetry	Melissa Kurniawan, Pauline Tio, Irene Mathijssen, Marie-Lise van Veelen, Mieke Pleumeekers, Tareq Abdel Alim	Melissa Kurniawan	This work was supported by For Wis(h)dom Foundation grant reference 'Wigschedel' and ZonMw Doelmatigheid grant number 10390022210013	ErasmusMC	Rotterdam		The Netherlands
789	Podium	A modified surgical correction for trigonocephaly: long-term evaluation	Amir Elbarbary, Hazem Mostafa	Amir Elbarbary	Honoraria as Chair, AO CMF International Board + Faculty EACMFS Postgraduate Program + Advisory Board NF1, Astrazeneca	Plastic Surgery Department, Ain Shams University	Cairo		Egypt

CONFLICT OF INTEREST DISCLOSURES

unless indicated here, no author has any financial relationship to disclose.

ID #	Podium/Poster	Abstract Title	Authors	Presenter	Conflict of Interest DISCLOSURE	Institution	City	State	Country
820	Podium	Long Term Nerve Function Outcomes of Transverse-Curved Ramus Osteotomy in Mandibular Distraction Osteogenesis: A Retrospective Case Series	Emily Yanoshak, Gabriella Squeo, Daniel Alejandro Mendoza Isaula, Eileen Wen, Hibo Wehelie, Jennifer Goldman, Jonathan Black	Emily Yanoshak	Jonathan Black is a consultant for Stryker Corp.	University of Virginia	Charlottesville	VA	United States
823	Podium	From Helmet to Outcome: Machine Learning Prediction of Cranial Remodeling in 6,694 Infants	Jay G Berry, Krystof Stanek, James H Wynne, Isabel Stringfellow, Daniel M Balkin	Jay G Berry	The authors disclose that the predictive tool for helmet therapy outcomes described in this manuscript is currently under review for United States patent approval. Additionally, JHW is employed by Boston Orthotics & Prosthetics, a provider of cranial helmet orthosis treatment. This affiliation did not influence the study design, data analysis, interpretation, or reporting of results.	Complex Care, Division of General Pediatrics, Department of Pediatrics, Boston Children's Hospital	Boston	MA	United States
849	Podium	Overcoming Depth-Perception Limitations in Augmented Reality-Guided Craniotomies with a Tool-Track Workflow	Alexander Marston, E. Brandon Strong, Marc Fischer, Gabriel Urreola, Jeffrey Potts, Craig Senders, Andrew Hernandez, E. Bradley Strong, Christian El Amm, Julia Sharma	Jeffrey Potts	E. Brandon Strong, Jeffrey Potts, and Christian El Amm all have equity in Xironetic.	University of California, Davis	Sacramento	CA	United States

Monday, October 27, 2025 | Room: Jing An Grand Ballroom I+II

ISCFS 2025 Pre-Congress Symposium

Pre-Congress Symposium Chairs: Xudong Wang (China), Lun-Jou Lo (Taiwan, China), Jong-Woo Choi (Korea, Republic of)

8:00 AM	WELCOME SPEECH Xiongzheng Mu (China)
8:10 AM	The Orthodontic Role for Orthognathic Surgery Min Zhu (China)
8:35 AM	Mandibular Ramus Split: Methods and Complications Lun-Jou Lo (Taiwan (China))
8:55 AM	The Accurate Reposition of Maxilla According to the Situations Jong-Woo Choi (Korea, Republic of)
9:25 AM	Genioplasty: The Variations and the Tips Xudong Wang (China)
9:45 AM	Discussion
10:05 AM	Coffee Break in Exhibition
10:30 AM	Workshop IP: Step-By-Step Bi-Maxillary Virtual Planning Noah Zisterer (Germany)
11:30 AM - 12:00 PM	PANEL: THE TIPS AND FLAWS OF VIRTUAL OG SURGERY
11:30 AM	Detecting Surgical Feasibility and Difficulty Lun-Jou Lo (Taiwan (China))
11:37 AM	The Benefits & the Limits of Current Virtual OGS Jong-Woo Choi (Korea, Republic of)
11:44 AM	The Tricks of SOM Technique: Virtual and Reality. What if the Guides not Fitting? Occlusal Plane Altering: Virtual Planning and the Tips on Table Xudong Wang (China)
11:51 AM	Panel Discussion Xiongzheng Mu (China), Lun-Jou Lo (Taiwan (China)), Jong-Woo Choi (Korea, Republic of), Xudong Wang (China)
12:00 PM	Lunch Break in Exhibition

1:00 - 3:00 PM	EVOLVING TREATMENT OF CRANIOSYNOSTOSIS Session Chairs: Richard Hopper (United States), Irene Mathijssen (The Netherlands), Jesse Taylor (United States)
1:00 PM	FOA in Unicoronal Synostosis with the Use of a Distractor – United States Jordan Swanson (United States)
1:17 PM	FOA in Unicoronal Synostosis with the Use of a Distractor – Sweden Lars Kölby (Sweden)
1:34 PM	FOA in Unicoronal Synostosis with the Use of Springs – The Netherlands Sarah Versnel (The Netherlands)
1:51 PM	Typical and Atypical Cranial Distractions for Craniosynostosis Jong-Woo Choi (Korea, Republic of)
2:08 PM	Preserving Growth when Treating Craniosynostosis Amanda Gosman (United States)
2:25 PM	Will AI replace us in Diagnosing Single Suture Synostosis? Jesse Goldstein (United States)
2:42 PM	Discussion
3:00 PM	Coffee Break
3:30 - 5:00 PM	SYNDROMIC CRANIOSYNOSTOSIS Session Chairs: Richard Hopper (United States), Irene Mathijssen (The Netherlands), Jesse Taylor (United States)
3:30 PM	Chaos to Flow: Unified Interdisciplinary Language in Craniosynostoses Pramod Subash (India)
3:47 PM	Will AI Replace us in Diagnosing Syndromic Craniosynostosis? Roman Khonsari (France)
4:04 PM	Grading Complex Craniosynostosis so We Can Compare Like to Like Richard Hayward (United Kingdom)
4:21 PM	Waterfall Treatment Pathways for Syndromic Craniosynostosis Richard Hopper (United States)
4:38 PM	Outcomes of Occipital Distraction versus Fronto-Orbital Jesse Taylor (United States)
4:55 PM	Predicting OSA and Hydrocephalus Through Genetic Profiling in 350 Crouzon/Pfeiffer Patients Irene Mathijssen (The Netherlands)
5:12 PM	The Japanese Experience with Monobloc Yoshiaki Sakamoto (Japan)
5:29 PM	Discussion

Tuesday, October 28, 2025

Scientific Program

Room:
Jing An Grand
Ballroom III

POSTER SESSION (see page 81)

Open for viewing from first Coffee Break to last session.
Poster presentations will take place during Lunch Break.

Room: Jing An Grand
Ballroom I+II
8:15 – 10:30 AM

OPENING CEREMONIES

8:15 AM **Opening Ceremony & President's Welcome**
Xiongzheng Mu (China)

8:30 AM **Welcome**
Hao Wu (China)

8:35 AM **Welcome**
Jianguang Xu (China)

8:50 AM **Keynote Presentation: The Australian Contribution to the Remarkable Odyssey in Chinese Craniofacial Surgery over 40 Years: From Chang to Mu**
David David (Australia)

9:05 AM **Keynote Presentation: The Evolution of Chinese Pictographic Culture**
Ziyi Bing (China)

9:20 AM **Introduction "Tessier Medal"**
Xiongzheng Mu (China)

9:30 AM **Tessier Lecture**
Eric Arnaud (France)

9:45 AM **Marchac Award**
presented by by ISCFS Past President Richard Hopper (United States)

Neurocognitive Outcome in Sagittal Synostosis Patients
Melissa Kurniawan (The Netherlands)
Institution: Erasmus MC Rotterdam, The Netherlands

Room: Exhibition
10:00 – 10:30 AM

Coffee Break in Exhibition

Room: Jing An Grand
Ballroom I+II
10:30 – 11:30 AM

INVITED LECTURES

10:30 AM **Surgical Robots: From Minimally Invasive to Ultra-Microscopic**
Guangzhong Yang (China)

10:45 AM **Gene Therapies for Congenital Deafness: From Bench to Bedside**
Yilai Shu (China)

11:00 AM

Craniofacial Asymmetry Related to Vascular Anomalies: Insights from Characteristics, Surgical Management, and Outcomes
Xiaoxi Lin (China)

11:15 AM

"S & S" Concept in Facial Soft Tissue Resurfacing
Yixin Zhang (China)

Room: Exhibition
11:30 AM – 1:00 PM

Lunch Break in Exhibition

Room: Jing An Grand
Ballroom I
1:00 – 3:30 PM

FREE PAPER SESSION 1A – NON-SYNDROMIC CRANIOSYNOSTOSIS

Session Chairs: Amanda Gosman (United States), Ikkei Tamada (Japan)

1:00 PM

174 Neurodevelopmental Outcomes Among Children with Non-Syndromic Craniosynostosis: A Propensity Score-Matched Analysis
Presenter: John Ha (United States)
Author(s): John Ha, Claire Semerjian, Krystal Tomei, Howard Wang
Institution(s): Case Western / University Hospitals Rainbow Babies and Children's Hospital, Cleveland, OH, United States

1:04 PM

772 Evaluating Long-Term Outcomes of Fronto-Orbital Advancement in Metopic Synostosis: Insights from 3D Photogrammetry
Presenter: Melissa Kurniawan (The Netherlands)
Author(s): Melissa Kurniawan, Pauline Tio, Irene Mathijssen, Marie-Lise van Veelen, Mieke Pleumeekers, Tareq Abdel Alim
Institution(s): Erasmus MC, Rotterdam, The Netherlands

1:08 PM

336 Neurocognitive and Behavioral Outcomes in Metopic Synostosis: Relation to Severity and Surgical Timing
Presenter: Pauline Tio (The Netherlands)
Author(s): Pauline Tio, Merel van Staaldunen, Karolijn Dulfer, Marie-Lise van Veelen, Mieke Pleumeekers, Irene Mathijssen, Jolanda Okkerse
Institution(s): Erasmus MC, Rotterdam, The Netherlands

1:12 PM

58 Dynamic Osteodistractor with Springs – The Gothenburg Experience of Spring-Assisted Cranioplasty
Presenter: Peter Tarnow (Sweden)
Author(s): Peter Tarnow, Giovanni Maltese, Madiha Bhatti-Søfteland, Karin Säljö, Björn Holmström, Robert Olsson, Tobias Hallén, Lars Kölby
Institution(s): Department of Plastic Surgery, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden

1:16 PM

708 Evaluating Long Term Neurocognitive Outcomes of Surgical Intervention for Sagittal Synostosis: Cranial Vault Remodeling vs Spring Assisted Surgery
Presenter: Kara Fisher (United States)
Author(s): Kara Fisher, Eric Zeng, Mario Blondin, Daniel Couture, Lisa David, Christopher Runyan, Leah Chapman
Institution(s): Wake Forest University, Winston-Salem, NC, United States

1:20 PM	<p>42 Impact of Age at Surgery or Surgical and Anesthesia Duration on Early Development in Single Suture Craniosynostosis Presenter: Mark Urata (United States) Author(s): Mark Urata, Christopher Tien, J. Gordon McComb, Alexis Johns Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States;</p>
1:24 PM	<p>374 Rigorous Study of Cranial Suture Closure Timing in the Era of High Resolution CT Imaging: A Radiographic Analysis of 1119 Pediatric Head CT Scans Presenter: Zachary Zapatero (United States) Author(s): Nicholas Han, Mark Halverson, Ashley Chang, Kaamya Varagur, Philip Tolley, Sara Reis Teixeira, Karuna Shekdar, Jordan Swanson, Scott Bartlett, Erin Schwartz, Jesse Taylor, Zachary Zapatero Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>
1:28 PM	<p>599 Longitudinal Outcomes on Signs of Increased Intracranial Pressure in Metopic Synostosis: Surgical versus Conservative Treatment Presenter: Lauren Clement (The Netherlands) Author(s): Lauren Clement, Pauline Tio, Evi Koehoorn, Dimitris Rizopoulos, Sjoukje Loudon, Marie-Lise van Veelen, Jochem Spoor, Sarah Versnel, Mieke Pleumeekers, Irene Mathijssen Institution(s): Erasmus MC, Rotterdam, The Netherlands</p>
1:32 PM	<p>173 Unoperated Children with Trigenocephaly: The Liverpool Experience Presenter: Aitor de Gea Rico (United Kingdom) Author(s): Aitor de Gea Rico, Chris Parks, Vejay Vakharia, Christian Duncan, Sofie Dietvorst, Martin Van Carlen, Anusha Hennedige Institution(s): Alder Hey Children's Hospital, Liverpool, United Kingdom</p>
1:36 PM	<p>28 Prevalence of Incidental Normocephalic Craniosynostosis: Findings from a Large Cohort Study Presenter: Kuljira Matwattanakit (Thailand) Author(s): Kuljira Matwattanakit, Sarut Chaisrisawadisuk, Chanon Ngamsombat, Nattanit Pongjantaradej, Sirilug Charernsook Institution(s): Mahidol University Faculty of Medicine, Siriraj Hospital, Bangkok, Thailand</p>
1:40 PM	<p>703 Predictors of Postoperative Complications Following Craniosynostosis Surgery: Evidence from 8,108 Operations Presenter: Omar Allam (United States) Author(s): Yizhuo Shen, Samira Glaeser-Khan, Omar Allam, Paula Flores Perez, Jake Moscarelli, Andrew Salib, Victoria Kong, Melanie Vassallo, David Colen, Michael Alperovich Institution(s): Yale School of Medicine, New Haven, CT, United States</p>
1:44 PM	<p>258 Cranial and Morphometric Analysis of Neobandeau and Conventional Bifrontal Orbital Advancement Presenter: Michael Lebhar (United States) Author(s): Alexander Velazquez, Bradley Hathaway, Michael Lebhar, Ian Hoppe, Laura Humphries Institution(s): University of Mississippi Medical Center, Jackson, MS, United States</p>
1:48 PM	<p>Discussion</p>

2:02 PM	<p>712 A Rare Case Report: Unilateral Squamous Synostosis with an Interparietal Bone Presenter: Eveline Kezia (Indonesia) Author(s): Suryaning Rasyidah, Indri Lakhsmi Putri, Alexandria Stephanie Suparman, Eveline Kezia Institution(s): Airlangga University, Surabaya, Jawa Timur, Indonesia</p>
2:06 PM	<p>339 Improved Refraction Following Cranial Vault Remodeling for Craniosynostosis Presenter: Brooke Geddie (United States) Author(s): Hanna Pfershy, Beatrice Lucchesi, Sam Girian, Reece Moore, John Giroto, Brooke Geddie, Anna Carlson Institution(s): Michigan State University/ Corewell Health Plastic Surgery Residency, Grand Rapids, MI, United States</p>
2:10 PM	<p>395 Factors Influencing Blood Loss in Fronto-Orbital Advancement and Remodeling: A Retrospective Review of 231 Cases Presenter: Rabia Yudum Somuncu (Turkiye) Author(s): Rabia Yudum Somuncu, Güven Ozan Kaplan, Ahmet İlkey Işıkay, Özgür Canbay, Mert Çaliş, Gökhan Tunçbilek Institution(s): Hacettepe University Faculty of Medicine Department of Plastic Reconstructive and Aesthetic Surgery, Ankara, Turkiye</p>
2:14 PM	<p>227 Computer-Assisted Craniosynostosis Diagnosis on 3D Head Scan Presenter: Aurora Magnani (Italy) Author(s): Aurora Magnani, Michaela Servi, Yary Volpe, Federico Mussa Institution(s): University of Florence, Department of Industrial Engineering, Florence, Italy</p>
2:18 PM	<p>615 Presence of Emissary Veins in the Glabellar Region in Metopic Craniosynostosis Presenter: Karin Säljö (Sweden) Author(s): Anna Sundelin, Erik Ceder, Madiha Madiha Bhatti-Søfteland, Giovanni Maltese, Peter Tarnow, Lars Kölby, Karin Säljö Institution(s): Department of Plastic Surgery, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden; Department of Plastic Surgery, Sahlgrenska University Hospital, Region Västra Götaland, Gothenburg, Sweden</p>
2:22 PM	<p>122 Incidence of Ocular Abnormalities in Metopic Craniosynostosis: Cranial Vault Reconstruction versus Endoscopic Suturectomy Presenter: Howard Wang (United States) Author(s): John Ha, Krystal Tomei, Faruk Orge, Howard Wang Institution(s): University Hospitals Rainbow Babies and Children's Hospital, Cleveland, OH, United States; Case Western Reserve University School of Medicine, Cleveland, OH, United States</p>
2:26 PM	<p>251 A Multi-Institutional Analysis of Frontal Sinus Volume in Normocephalic Sagittal Craniosynostosis Presenter: Michael Lebhar (United States) Author(s): Alexander Velazquez, Michael Lebhar, Todd Nichols, Laura Humphries, Ian Hoppe Institution(s): University of Mississippi Medical Center, Jackson, MS, United States</p>

2:30 PM	<p>364 Data-Driven Surgical Decision-Making in Patients with Metopic Craniosynostosis Presenter: Antonio Porras (United States) Author(s): Skyler Palmer, Connor Elkhill, Ines Cruz-Guerrero, Diego Gomez, David Khechoyan, Phuong Nguyen, Brooke French, Antonio Porras Institution(s): University of Colorado School of Medicine, Aurora, CO, United States; Children's Hospital of Colorado, Aurora, CO, United States</p>
2:34 PM	Discussion
2:56 PM	<p>666 Impact of One-Piece Fronto-Orbital Distraction Osteogenesis on Orbital Morphology and Strabismus Development in Unilateral Craniosynostosis Presenter: Ching-En Chen (Taiwan (China)) Author(s): Ching-En Chen, Hojin Park, Jong-Woo Choi, Young-Shin Ra Institution(s): Division of Plastic and Reconstructive Surgery, Taipei Veterans General Hospital, Taipei, Taiwan (China)</p>
3:00 PM	<p>761 Postoperative Strabismus Rates in Unicoronal Synostosis: Distraction versus Remodeling Presenter: Jonas Mellgren (Sweden) Author(s): Jonas Mellgren, Stina Andersson, Peter Tarnow, Giovanni Maltese, Madiha Bhatti-Søfteland, Karin Säljö, Lars Kölbj Institution(s): Department of Plastic Surgery, Sahlgrenska University Hospital, The Sahlgrenska Academy, Institute of Clinical Sciences, University of Gothenburg, Gothenburg, Sweden</p>
3:04 PM	<p>762 Examining Sociodemographic Disparities in Diagnostic Delays and Surgical Management of Non-syndromic Craniosynostosis: A 10-Year Review Presenter: Melanie Bakovic (United States) Author(s): Melanie Bakovic, Liara S. Ortiz-Ocasio, Sofia Finestone, Jennifer Goldman, Kennedy Sun, Brandon Boyarsky, Liliana Starsiak, Md Sohel Rana, Esperanza Mantilla-Rivas, Veronica Zhang, Patrick O'Brien, Saige Teti, Eduardo Torres-Rodríguez, Muhammad Ali, Robert Keating, Albert Oh, Gary Rogers Institution(s): Division of Plastic and Reconstructive Surgery, Children's National Hospital, Washington, DC, United States; Division of Neurosurgery, Children's National Hospital, Washington, DC, United States</p>
3:08 PM	<p>98 Quantifying Cranial and Facial Shape Changes in Single-Suture Craniosynostosis: A Preliminary Study of Endoscopic Assisted Craniosynostosis Surgery and Orthotic Therapy Using 3D Morphable Models Presenter: Benito K Benitez (Switzerland) Author(s): Benito K Benitez, Julia M Kunz, Yoriko Lill, Danielle Kundert, Till Schnabel, Barbara Solenthaler, Jehuda Soleman, Maria Licci, Raphael Guzman, Andreas A Mueller Institution(s): Oral and Craniomaxillofacial Surgery and Pediatric Oral and Craniomaxillofacial Surgery, University Hospital Basel and University Childrens Hospital Basel, Basel, Switzerland; Facial and Cranial Anomalies Research Group, DKF and DBE, University of Basel, Basel, Switzerland</p>
3:12 PM	Discussion

Room: Jing An Grand Ballroom II 1:00 – 3:30 PM	<p>FREE PAPER SESSION 2 – DISTRACTION OSTEOGENESIS OF THE CRANIOFACIAL SKELETON Session Chairs: Jesse Taylor (United States), Lars Kölbj (Sweden), Watanabe Yorikatsu (Japan)</p>
1:00 PM	<p>151 15 Year Results of Fronto-Orbital Advancement and Remodeling Using Distraction Osteogenesis Presenter: Gökhan Tunçbilek (Turkiye) Author(s): Gökhan Tunçbilek, Güven Ozan Kaplan, Mert Çalış, Kutluhan Yusuf Küçük, Halil İbrahim Altunbulak, Elif Günay Bulut Institution(s): Hacettepe University, Ankara, Turkiye</p>
1:04 PM	<p>306 An Evaluation of Complications when Using Internal Distraction Devices in Cranial Vault Surgery. The Oxford Experience Presenter: David Johnson (United Kingdom) Author(s): David Johnson, Greg Thomas, Rosie Ching, Steven Wall, Tim Lawrence, Shailendra Magdum, Jayaratnam Jayamohan Institution(s): Oxford Craniofacial Unit, Oxford, United Kingdom</p>
1:08 PM	<p>500 Custom-Made vs Conventional External Halo Systems in Monobloc Osteogenic Distraction in Patients with Syndromic Craniosynostosis Presenter: Victor Zafra Vallejo Author(s): Víctor Zafra Vallejo, Marta Redondo Alamillos, Ana Romance García, Francisco Merino Domingo, Ignacio Ismael Garcia Recuero, Beatriz Pascual Martin, Pablo Martin Munarriz, Irene Panero, Gregorio Sánchez Aniceto Institution(s): University Hospital 12 de Octubre, Madrid, Spain</p>
1:12 PM	<p>748 Beyond Osteotomies: Transforming Midfacial Advancement with Enhanced Sutural Protraction Presenter: Fabio Mazzoleni (Italy) Author(s): Fabio Mazzoleni, Mattia Moretti, Federica Corradi, Luca Autelitano, Valeria Marinella Augusta Battista, Gabriele Canzi, Giorgio Novelli, Maria Costanza Meazzini Institution(s): Pediatric Craniofacial Malformations Unit, Smile House Monza - Craniofacial Center, Fondazione IRCCS San Gerardo dei Tintori, Monza, Italy</p>
1:16 PM	<p>318 Impact of Unilateral and Bilateral Distraction Osteogenesis on Long-Term Masseter Morphology in HFM Patients Presenter: Liu Jiayu (China) Author(s): Liu Jiayu, Chen Yiyang Institution(s): Department of Oral and Maxillofacial Surgery, Guangzhou Women and Children's Medical Center, Guangzhou, Guangdong, China</p>
1:20 PM	<p>616 Three-Dimensional Modeling Reveals Multidimensional Anatomical and Functional Improvements of Sutural Distraction Osteogenesis in Midfacial Hypoplasia: Nasal Septal Correction, Palatal Remodeling, and Oropharyngeal Airway Expansion Presenter: Baicheng Wang (China) Author(s): Baicheng Wang, Chen Zhang, Peiyang Zhang, Hongsen Bi, Zhenmin Zhao Institution(s): Peking University Third Hospital, Beijing, China</p>

1:24 PM	<p>149 Mechanical Force-Induced Oncostatin M Secretion by Jun-Positive Neutrophils Promotes Craniofacial Bone Regeneration for Midface Hypoplasia Treatment Presenter: Zhixuan Sun (China) Author(s): Zhixuan Sun, Yujie Chen, Pengbing Ding, Zheng Wang, Zhiyu Lin, Binyi Zhou, Fengyi Hu, Enhang Lu, Haibo Xiang, Xin Yang, Peiyang Zhang, Hongsen Bi, Zhenmin Zhao Institution(s): Department of Plastic Surgery, Peking University Third Hospital, Beijing, China</p>
1:28 PM	<p>709 Soft Tissue Symmetry and Skeletal Remodeling Following Mandibular Distraction Osteogenesis in Hemifacial Microsomia: A 13-Year Retrospective Study Presenter: Weidong Jiang (China) Author(s): Weidong Jiang, Hongpu Wei, Hao Sun, Xudong Wang Institution(s): Department of Oral and Cranio-Maxillofacial Surgery, Shanghai Ninth People's Hospital, College of Stomatology, Shanghai Jiao Tong University School of Medicine, Shanghai, China, Shanghai, China; National Clinical Research Center for Oral Diseases, Shanghai</p>
1:32 PM	<p>314 SOX18-Mediated Endothelial-Mesenchymal Transition in CDH5 Cells during Mandibular Distraction Osteogenesis Presenter: Peiqi Zhu (China) Author(s): Peiqi Zhu, Weidong Jiang, Haojie Fu, Yisheng Feng, Xudong Wang Institution(s): Department of Oral and Cranio-Maxillofacial Surgery, Shanghai Ninth People's Hospital, College of Stomatology, Shanghai Jiao Tong University School of Medicine, Shanghai, China; National Clinical Research Center for Oral Diseases, Shanghai, China</p>
1:36 PM	<p>328 Augmented Reality and Optical Tracking in an Auto-Registered Holographic Navigation System for Mandibular Distraction Osteogenesis Presenter: Shi-xi He (China) Author(s): Shi-xi He, Cheng Ma, Xuan-Ping Huang Institution(s): College & Hospital of Stomatology, Guangxi Medical University, Nanning, Guangxi, China</p>
1:40 PM	<p>350 A Comparison of Resorbable and Titanium Fixation for Posterior Vault Distraction Osteogenesis Presenter: Isabel Ryan (United States) Author(s): Isabel Ryan, Dillan Villavisanis, Philip Tolley, Nicholas Han, Allison Hu, Jordan Swanson, Scott Bartlett, Jesse Taylor Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>
1:44 PM	<p>125 Hemi One-Piece Distraction Osteogenesis for Unilateral Coronal Craniosynostosis Presenter: Ho Hyung Lee (Korea, Republic of) Author(s): Ho Hyung Lee, Jong Woo Choi Institution(s): Asan Medical Center, Seoul, Seoul, Korea, Republic of</p>
1:48 PM	<p>202 Novel Protocol for Severe Type of Adult Hemifacial Microsomia: Computer-Guided Le Fort I Presenter: Yorikatsu Watanabe (Japan) Author(s): Yorikatsu Watanabe, Ryo Sasaki, Shouichi Imai, Ryo Nagahama, Isao Matsuno Institution(s): Tokyo Metropolitan Police Hospital, Plastic, Reconstructive and Aesthetic Surgery, Tokyo, Japan</p>

1:52 PM	<p>294 Discussion on the Design of Contralateral Stress Interruption in Distraction Osteogenesis for Hemifacial Microsomia Presenter: Yiyang Chen (China) Author(s): Yiyang Chen, Jiayu Liu, Hongbo Zhang Institution(s): Department of Oral and Maxillofacial Surgery, Guangzhou Women and Children's Medical Center, Guangzhou Medical University, Guangzhou, Guangdong, China</p>
1:56 PM	<p>754 Clinical Efficacy of Mandibular Distraction Osteogenesis Combined with Concentrated Growth Factor in Pierre-Robin Sequence: A Retrospective Comparative Study Presenter: Yi Ji (China) Author(s): Yi Ji, Weimin Shen Institution(s): Nanjing Children's Hospital of Nanjing Medical University, Nanjing, China</p>
2:00 PM	<p>Discussion</p>
2:10 PM	<p>317 Extracellular Vesicles Mediate Skeletal Muscle–Bone Crosstalk During Craniofacial Distraction Osteogenesis Presenter: Haojie Fu (China) Author(s): Haojie Fu, Weidong Jiang, Xudong Wang Institution(s): Department of Oral and Cranio-Maxillofacial Surgery, Shanghai Ninth People's Hospital, College of Stomatology, Shanghai Jiao Tong University School of Medicine, Shanghai, China; National Clinical Research Center for Oral Diseases, Shanghai, China</p>
2:14 PM	<p>340 TDN@Ast IV-Apt Promotes Osteogenesis of JBMSCs During Distraction Osteogenesis by Enhancing m⁶A Methylation-Mediated Mitochondrial Transfer from EPCs Presenter: Yisheng Feng (China) Author(s): Yisheng Feng, Weidong Jiang, Xudong Wang Institution(s): Department of Oral and Cranio-Maxillofacial Surgery, Shanghai Ninth People's Hospital, College of Stomatology, Shanghai Jiao Tong University School of Medicine, Shanghai, China; National Clinical Research Center for Oral Diseases, Shanghai, China</p>
2:18 PM	<p>347 Occlusal Plane Stability After Curvilinear Mandibular Distraction Osteogenesis Presenter: Alexander Wilson (United States) Author(s): Isabel Ryan, Ashley Chang, Philip Tolley, Alexander Wilson, Nicholas Han, Allison Hu, Scott Bartlett, Jordan Swanson, Hyun-Duck Nah, Jesse Taylor Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>
2:22 PM	<p>392 Threshold Timing for Mandibular Distraction in Robin Sequence: A Continuum of Airway, Feeding, and Speech Outcomes Presenter: Anika Kim (United States) Author(s): Valeria Mejia, Asli Pekcan, Melanie Bakovic, Raina Patel, Marvee Turk, Anika Kim, Pasha Shakoori, Mark Urata, Jeffrey Hammoudeh, Erin Wolfe Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States</p>
2:26 PM	<p>742 Airway, Growth, and Function: A Longitudinal Study of Early Mandibular Distraction Osteogenesis in Pierre Robin Sequence Presenter: Mattia Moretti (Italy) Author(s): Mattia Moretti, Fabio Mazzoleni, Alejandro Juan Piza Moragues, Giorgio Novelli, Maria Costanza Meazzini Institution(s): Pediatric Craniofacial Malformations Unit, Smile House Monza - Craniofacial Center, Fondazione IRCCS San Gerardo dei Tintori, Monza, Italy</p>

2:30 PM	<p>743 Functional Airway and Feeding Outcomes Following Mandibular Distraction Osteogenesis in Pediatric Pierre Robin Sequence Patients Presenter: Theodore Hyman (United States) Author(s): Sofia Finestone, Hengameh Behzadpour, Liara S. Ortiz-Ocasio, Brandon Boyarsky, Caroline Cox, Md Sohel Rana, James Leonard, Albert Oh, Brian Reilly, Theodore Hyman Institution(s): Division of Otolaryngology, Children's National Hospital, Washington, DC, United States; Division of Plastic and Reconstructive Surgery, Children's National Hospital, Washington, DC, United States</p>
2:34 PM	<p>166 Comorbidities In Focus: Unpacking Their Influence On Mandibular Distraction Osteogenesis Outcomes In Patients With Robin Sequence Presenter: Sarah Wang (United States) Author(s): Melanie Bakovic, Asli Pekcan, Raina Patel, Valeria Mejia, Marvee Turk, Erin Wolfe, Alyssa Valenti, Caroline Kreh, Mark Urata, Jeffrey Hammoudeh, Sarah Wang Institution(s): Children's Hospital Los Angeles, Los Angeles, California, United States</p>
2:38 PM	<p>442 Nanostructured Magnesium Alloys for Distraction Osteogenesis in a Methicillin-Resistant Staphylococcus Aureus (MRSA)-Infected Minipig Model Presenter: Raj Vyas (United States) Author(s): Justin Cordero, Caleb Ting, Leonardo Alaniz, Earl Steward, Dongwei Sun, Yiqing Chen, Patricia Holt-Torres, Huinan Liu, Raj Vyas Institution(s): UC Riverside School of Medicine, Riverside, CA, United States</p>
2:42 PM	Discussion
2:56 PM	<p>793 Transient Panfacial Nerve Palsy After Mandibular Distraction Hardware Removal Presenter: Aidan O'Shea (United States) Author(s): Aidan O'Shea, Catharine Garland, Daniel Cho Institution(s): University of Wisconsin School of Medicine and Public Health, Madison, WI, United States</p>
3:00 PM	<p>820 Long Term Nerve Function Outcomes of Transverse-Curved Ramus Osteotomy in Mandibular Distraction Osteogenesis: A Retrospective Case Series Presenter: Emily Yanoshak (United States) Author(s): Emily Yanoshak, Gabriella Squeo, Daniel Alejandro Mendoza Isaula, Eileen Wen, Hibo Wehelie, Jennifer Goldman, Jonathan Black Institution(s): University of Virginia, Charlottesville, Virginia, United States</p>
3:04 PM	<p>229 Risk Factors for Prolonged Ventilator Dependence Following Bilateral Mandibular Distraction Osteogenesis in Pierre Robin Sequence: A Single-Institution Study of 121 Patients Presenter: Lijun Shi (China) Author(s): Lijun Shi, Tao Han, Yi Ji, Weimin Shen Institution(s): Children's Hospital of Nanjing Medical University, Nanjing, Jiangsu, China</p>
3:08 PM	<p>292 Clinical Outcomes and Complications Following Mandibular Distraction Osteogenesis in Pierre Robin Sequence Presenter: Yixin Xiang (China) Author(s): Yixin Xiang, Songchunyan Zhang, Shuyang Dai, Baihui Liu, Jun Li, Chenbin Dong Institution(s): Department of Plastic and Reconstructive Surgery, Children's Hospital of Fudan University, Shanghai, China</p>
3:12 PM	Discussion

Room: Exhibition 3:30 PM	Coffee Break in Exhibition
Room: Jing An Grand Ballroom I 4:00 – 6:00 PM	<p>FREE PAPER SESSION 1B – NON-SYNDROMIC CRANIOSYNOSTOSIS Session Chairs: Kamlesh Patel (United States), Bin Yang (China), Jie Ma (China)</p>
4:00 PM	<p>333 Interim Analysis on Prospective Clinical Trial Surgery vs Conservative Treatment in Metopic Synostosis Presenter: Irene Mathijssen (The Netherlands) Author(s): Irene Mathijssen, Pauline Tio, Merel van Staaldin, Karolijn Dulfer, Marie-Lise van Veelen, Jochem Spoor, Jolanda Okkerse, Elin Weissbach, Jacoba Kats, Sarah Versnel, Mieke Pleumeekers Institution(s): Erasmus MC, Rotterdam, The Netherlands</p>
4:08 PM	<p>165 The Role of Genetics on Neurocognitive Outcomes in Nonsyndromic Metopic Craniosynostosis Presenter: Katelyn Lewis (United States) Author(s): Paula Flores-Perez, Mariana Almeida, Melanie Vassallo, Katelyn Lewis, Michael Alperovich Institution(s): Yale School of Medicine, New Haven, CT, United States</p>
4:12 PM	<p>417 Using Machine Learning for the Objective Evaluation of Surgical Outcomes in Sagittal Craniosynostosis Presenter: Saskia Brulleman (United Kingdom) Author(s): Saskia Brulleman, Luke Smith, Alexander Rickart, Lara van de Lande, Owase Jeelani, David Dunaway, Silvia Schievano, Simone Foti, Juling Ong Institution(s): UCL Great Ormond Street Institute of Child Health and Craniofacial Unit, London, United Kingdom</p>
4:16 PM	<p>431 Can we "Overcorrect" our Way to Normal Appearance in Metopic Craniosynostosis? A Single-Center's 33 Year Odyssey Presenter: David Perrault (United States) Author(s): Allison Hu, Carrie Morales, Aaron Zhao, David Perrault, Philip Tolley, Nicholas Han, Isabel Ryan, Dominic Romeo, Jordan Swanson, Scott Bartlett, Jesse Taylor Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>
4:20 PM	<p>513 Isolated Squamosal Synostosis: A Rare Craniosynostosis Subtype Revisited Through Cohort Analysis Presenter: Shih-Shan Chen (United States) Author(s): Shih-Shan Chen, Connor Wagner, Isabel Ryan, Allison Hu, Nicholas Han, Philip Tolley, Jesse Taylor, Jordan Swanson, Scott Bartlett Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>
4:24 PM	<p>471 Cost and Safety Analysis of Postoperative Admission Practices in Craniosynostosis Repair: ICU vs Surgical Ward Presenter: Amanda Gosman (United States) Author(s): Miriam Becker, Greta Davis, Alvin Nguyen, Spencer Chau, Alexis Macdonald, Melissa Kanack, Benjamin Massenburg, Amanda Gosman Institution(s): University of California San Diego School of Medicine, San Diego, CA, United States</p>

4:28 PM	575 The Correlation between Intracranial Volume and Visual Function and Cognitive Status in the Patients with Non-Syndromic Multi-Sutural Craniosynostoses after FOA plus CVR Surgery Presenter: Bin Yang (China) Author(s): Bin Yang, Ye-hong Zhong Institution(s): Plastic Surgery Hospital, Peking Union Medical College, Chinese Academy of Medical Sciences, Beijing, China
4:32 PM	630 The Marchac Template and Growth of the Forehead in Healthy Subjects from Birth to the End of Craniofacial Growth Presenter: Hanna Lif (Sweden) Author(s): Hanna Lif, Eric Arnaud, Roberto Requena, Maya Geoffroy, Giovanna Paternoster, Mehran Moazen, Maxime Taverne, Roman Khonsari Institution(s): Uppsala University Hospital, Uppsala, Sweden
4:36 PM	146 Age at Craniosynostosis Surgery is Correlated with Increased Speech Language Delays Presenter: Andrew Salib (United States) Author(s): Andrew Salib, Kevin Hu, Paula Flores-Perez, Jake Moscarelli, Victoria Kong, Karen Bach, Thao Wolbert, John Persing, Michael Alperovich, Albert Rancu Institution(s): Yale School of Medicine, New Haven, CT, United States
4:40 PM	69 Spring-Mediated Cranioplasty for Sagittal Synostosis: Does it Contribute to Synostosis of the Uninvolved Sutures? Presenter: Max Shrout (United States) Author(s): Davinder Singh, Max Shrout, Trey Watmore, Alma Jukic Institution(s): Phoenix Children's Hospital, Phoenix, Arizona, United States; Mayo Clinic, Phoenix, Arizona, United States; University of Arizona School of Medicine, Phoenix, AZ, United States
4:44 PM	Discussion
4:56 PM	556 CT Images Observation of Physiological Metopic Suture Fusions Presenter: Yuzhu Zhu (China) Author(s): Yuzhu Zhu, Chenbin Dong Institution(s): Children's Hospital of Fudan University, Shanghai, China
5:00 PM	789 A Modified Surgical Correction for Trigenocephaly: Long-Term Evaluation Presenter: Amir Elbarbary (Egypt) Author(s): Amir Elbarbary, Hazem Mostafa Institution(s): Plastic Surgery Department, Ain Shams University, Cairo, Egypt
5:04 PM	807 Comparative Outcomes of Cancellous Bone Allograft Versus Autologous Bone in Cranial Vault Remodeling for Craniosynostosis Presenter: Daniel M Balkin (United States) Author(s): Daniel M Balkin, Massoud Sharif, Krystof Stanek, Isabel C Stringfellow, Jay G Berry, Mark R Proctor, John G Meara Institution(s): Department of Plastic and Oral Surgery, Boston Children's Hospital, Boston, Massachusetts, United States; Harvard Medical School, Boston, MA, United States
5:08 PM	815 Craniosynostosis Management in the Synostosis Registry Group: Baseline Data and Early Outcomes Presenter: Kamlesh Patel (United States) Author(s): Kamlesh Patel, Gary Skolnick, Jennifer Strahle Institution(s): Washington University, St. Louis, MO, United States

5:12 PM	22 Secondary Craniosynostosis Following Strip Craniotomy: Identification and Treatment Presenter: Michael Friel (United States) Author(s): Michael Friel, H. Harvak Hajebian, Esther Dupepe, Coung (C.J.) Bui Institution(s): Ochsner Children's hospital, New Orleans, LA, United States
5:16 PM	755 Lambdoid Craniosynostosis and Neurological Risk: Findings from the Largest Matched Cohort Study Presenter: Michael Alperovich (United States) Author(s): Samira Glaeser-Khan, Yizhuo Shen, Chi Ya Yang, Omar Allam, Melanie Vassallo, Paula Flores Perez, Victoria Kong, Jake Moscarelli, Andrew Salib, David Colen, Michael Alperovich Institution(s): Yale School of Medicine, New Haven, CT, United States
5:20 PM	825 Evaluating Morphometric Changes in Bicoronal Craniosynostosis Patients Following Endoscopic Strip Craniectomy Presenter: Robert McKenzie (Canada) Author(s): Izza Sattar, Robert McKenzie, Curtis Budden Institution(s): University of Alberta, Edmonton, Alberta, Canada
5:24 PM	103 Normative Growth Values of Inter-Orbital Distance from Birth to Adulthood Presenter: Colton Fernstrum (United States) Author(s): Colton Fernstrum, Alexander Velazquez, Laura Humphries Institution(s): University of Mississippi Medical Center, Jackson, MS, United States
5:28 PM	361 Personalized Surgical Decision-Making in Patients with Sagittal Craniosynostosis Presenter: Brooke French (United States) Author(s): Skyler Palmer, Connor Elkhill, Ines Cruz-Guerrero, Diego Gomez, David Khechoyan, Phuong Nguyen, Brooke French, Antonio Porras Institution(s): University of Colorado School of Medicine, Aurora, CO, United States; Children's Hospital of Colorado, Aurora, CO, United States
5:32 PM	514 Clinical and Aesthetic Outcomes of Neo-Frontobandeau Technique for Fronto-Orbital Advancement Presenter: Jordan Swanson (United States) Author(s): Allison Hu, Philip Tolley, Isabel Ryan, Nicholas Han, Scott Bartlett, Jesse Taylor, Jordan Swanson Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States
5:36 PM	276 Multi-Linear 3D Craniofacial Infant Shape Model Comprising Skin and Bone Surface Presenter: Andreas Mueller (Switzerland) Author(s): Andreas Mueller, Till Schnabel, Benito Benitez, Yoriko Lill, Markus Gross, Barbara Solenthaler Institution(s): Department of Oral and Craniomaxillofacial Surgery, University Hospital Basel and University Children's Hospital Basel, Basel, Switzerland; Facial and Cranial Anomalies Research Group, Department of Biomedical Engineering and Department of Clinical Research, University Basel, Basel, Switzerland

5:40 PM	<p>650 Clinical Application of Novel Statistical Shape Modelling Methods in Outcome Assessment in Endoscopic-Assisted Strip Craniectomy for Trigonoccephaly Presenter: Wuyang Shui (United Kingdom) Author(s): Shui Wuyang, Vejay Vakharia, Aitor de-Gea-Rico, Martin Van Carlen, Anusha Hennedige, Sinha Ajay, Chris Parks, Christina Duncan Institution(s): Alder Hey Children's Hospital, Liverpool, Merseyside, United Kingdom</p>
5:44 PM	<p>719 Grey Matter Development in Patients with Metopic Craniosynostosis Presenter: Meike Pleumeekers (The Netherlands) Author(s): Mieke Pleumeekers, Pauline Tio, Meike Tjaberinga, Diede Wijnbergen, Marjolein Dremmen, Marie-Lise van Veelen, Henry Vrooman, Irene Mathijssen Institution(s): Erasmus MC, Rotterdam, The Netherlands</p>
5:48 PM	<p>517 Endoscopic-Assisted vs Open Fronto-Orbital Distraction Osteogenesis for Unilateral Coronal Synostosis: A Comparative Photogrammetric Analysis Presenter: Allison Hu (United States) Author(s): Allison Hu, Meagan Wu, Connor Wager, Dillan Villavisanis, David Perrault, Nicholas Han, Isabel Ryan, Philip Tolley, Gregory Heuer, Scott Bartlett, Jordan Swanson, Jesse Taylor, Helen Zhou Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>
5:52 PM	<p>Discussion</p>

<p>Room: Jing An Grand Ballroom II 4:00 – 6:00 PM</p>	<p>FREE PAPER SESSION 3 – CRANIOFACIAL CLEFTS OR ENCEPHALOCELES & NEUROSURGICAL CONSIDERATIONS IN CRANIOFACIAL SURGERY Session Chairs: Jayaratnam Jayamohan (United Kingdom), Bo Yang (China)</p>
4:00 PM	<p>505 Ocular Morbidity and Visual Outcomes in Rare Craniofacial Clefts: A Contemporary Cohort Study of 102 Cases Presenter: Allison Hu (United States) Author(s): Allison Hu, Jingtang Ng, Anny Zhong, Gil Binenbaum, Isabel Ryan, Nicholas Han, David Perrault, Philip Tolley, Jordan Swanson, William Katowitz, Scott Bartlett, Jesse Taylor Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>
4:08 PM	<p>220 Long-Term Occlusal Stability Following Hypertelorism Correction via Facial Bipartition and Box Osteotomy Presenter: Cassio Eduardo Raposo-Amaral (Brazil) Author(s): Cassio Eduardo Raposo-Amaral, Cesar Augusto Raposo-Amaral, Enrico Ghizoni Institution(s): SOBRAPAR Hospital, Campinas, SP, Brazil</p>
4:12 PM	<p>349 Long-Term Outcomes after Orbital Hypertelorism Correction: An Assessment of Photogrammetric and Patient-Reported Outcomes Presenter: David Perrault (United States) Author(s): Isabel Ryan, Helen Zhou, Mattia Mahmoud, Philip Tolley, Dillan Villavisanis, Allison Hu, Nicholas Han, Jordan Swanson, Scott Bartlett, Jesse Taylor, David Perrault Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>

4:16 PM	<p>512 Objective Analysis of Levator Veli Palatini in Cleft Patients via Intraoperative MRI: A Novel Paradigm in Cleft Care Presenter: Leticia Lenkiu (United States) Author(s): Leticia Lenkiu, Hannah Brown, Andrew Willmer, Adrian Osias, Tiffany Lee, Samantha Power, Joseph Lopez, Thomas Sitzman, Davinder Singh, Jamie Perry, Rajendra Sawh-Martinez Institution(s): University of Central Florida College of Medicine, Orlando, FL, United States</p>
4:20 PM	<p>162 Characterizing Midline Cleft Lip: Comorbidities and Surgical Techniques Presenter: Sophia Garnica (United States) Author(s): Raina Patel, Artur Manasyan, Asli Pekcan, Valeria Mejia, Melanie Bakovic, Marvee Turk, William Magee, Mark Urata, Jeffrey Hammoudeh, Sophia Garnica Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States</p>
4:24 PM	<p>570 Mastering the Art of Symmetry: Long-Term Outcomes and Management in Patients with Tessier No. 7 Cleft Presenter: Erin Wolfe (United States) Author(s): Jeffrey Hammoudeh, Valeria Mejia, Raina Patel, Erin Wolfe, Melanie Bakovic, Asli Pekcan, Meryem Guler, Alyssa Valenti, William Magee III, Mark Urata Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States</p>
4:28 PM	<p>490 Chiari Malformation in Syndromic and Non-Syndromic Lambdoid Craniosynostosis: A Longitudinal Cohort Study Presenter: Jochem Spoor (The Netherlands) Author(s): Jochem Spoor, Iris Cuperus, Marie-Lise van Veelen, Irene Mathijssen Institution(s): Erasmus MC, Rotterdam, Zuid-Holland, The Netherlands</p>
4:32 PM	<p>657 Robotic-Assisted Cleft Lip Repair: Feasibility and Insights from a Pilot Study Using a Novel 3D-printed Cleft Model Presenter: Hannah Brown (United States) Author(s): Hannah Brown, Leticia Lenki, Andrew Wilmer, Luz Diaz, Jack Stubbs, Rajendra Sawh-Martinez Institution(s): University of Central Florida College of Medicine, Orlando, FL, United States</p>
4:36 PM	<p>21 Craniocervical Pathology in Children with Multi-Suture Craniosynostosis: Incidence and Management Presenter: David Bauer (United States) Author(s): Roboan Arguello, Somto Ngwudike, Kathleen Hosek, David Bauer Institution(s): Louisiana State University Health Sciences Center, New Orleans, LA, United States</p>
4:40 PM	<p>244 Assessing Hydrocephalus and Cerebellar Ectopia in Apert Syndrome Patients Undergoing Posterior Vault Distraction Osteogenesis Presenter: Cassio Eduardo Raposo-Amaral (Brazil) Author(s): Enrico Ghizoni, Cesar Augusto Raposo-Amaral, Felipe Landgraf, Cassio Eduardo Raposo-Amaral Institution(s): SOBRAPAR Hospital, Campinas, SP, Brazil; UNICAMP, Campinas, SP, Brazil</p>
4:44 PM	<p>Discussion</p>

4:58 PM	<p>432 Analysis of Nasolabial Morphology in Patients with Secondary Malocclusion Due to Cleft Lip and Palate Following Bimaxillary Surgery Presenter: Jiahui Xie (China) Author(s): Jiahui Xie, Ming Cai Institution(s): Shanghai Jiao Tong University School of Medicine Affiliated Ninth People's Hospital, Shanghai, China</p>
5:02 PM	<p>518 A Novel Method to Predict the Existence of Bridging Veins between the Superior Sagittal Sinus and the Skull to Prevent Hemorrhage during Endoscopic Strip Craniectomy for Sagittal Craniosynostosis Presenter: Suresh Magge (United States) Author(s): Suresh Magge Institution(s): Department of Neurosurgery, University of Michigan, CS Mott Children's Hospital, Ann Arbor, MI, United States</p>
5:06 PM	<p>589 Posterior Cranial Vault Expansion in Giant Occipital Encephaloceles: Restoring Intracranial and Posterior Fossa Volume Presenter: Lindsey Teal (United States) Author(s): Lindsey Teal, Robert Buckley, Amy Lee, Srinivas Susarla, United States Institution(s): University of Washington, Seattle, WA, United States</p>
5:10 PM	<p>808 Age at Surgery for Frontal Encephalocele Influences the Final Morphology of the Nasofrontal Area: Long-Term Follow-Up Presenter: Nivaldo Alonso (Brazil) Author(s): Nivaldo Alonso, Hamilton Matushita, Cristiano Tonello, Chaline Matushita Institution(s): University of Sao Paulo, Sao Paulo, SP, Brazil</p>
5:14 PM	<p>841 Medial Wall Osteotomy and Reconstruction for Correction of Orbital Hypertelorism: To Box or Not to Box Presenter: Ali Azeem Naqvi (Pakistan) Author(s): Ali Azeem Naqvi Institution(s): Bahria International Hospital, Rawalpindi, Punjab, Pakistan</p>
5:18 PM	<p>167 Implementation of Treatment Strategy for Diverse Presentation of Craniofacial Clefts: A Study from Safdarjung Hospital India Presenter: Rakesh Kumar Kain (India) Author(s): Rakesh Kumar Kain Institution(s): VMMC and Safdarjung Hospital, New Delhi, Delhi, India</p>
5:22 PM	<p>344 Concurrent Posterior Vault Expansion and Extradural Chiari Decompression in Syndromic and Non-Syndromic Craniosynostosis: A Case Series of Eight Patients Presenter: Philip Tolley (United States) Author(s): Isabel Ryan, Ashley Chang, Philip Tolley, Allison Hu, Jordan Swanson, Scott Bartlett, Shih-shan Lang, Phillip Storm, Gregory Heuer, Jesse Taylor Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>
5:26 PM	<p>394 Pre-Surgical Taping for Wide Facial Cleft Presenter: Shania Priza Adelia (Indonesia) Author(s): Lobredia Zarasade, Shania Priza Adelia Institution(s): Department of Plastic Surgery, Reconstructive and Aesthetic, Faculty of Medicine, Universitas Airlangga, Surabaya, East Java, Indonesia; Dr. Soetomo General Academic Hospital, Surabaya, East Java, Indonesia</p>

5:30 PM	<p>737 Ethnicity-Based Differences in Psychosocial Outcomes in Hispanic and Non-Hispanic Patients With Cleft Lip and Palate Presenter: Cindy Vu (United States) Author(s): Chizoba Mosieri, James Antongiovanni, Peter Dinh, Medha Vallurupalli, Yash Mehta, Nikhil Shah, Andreina Gonzalez, Van Hoang, Omotayo Arowojolu, Douglas Olson, Sharon Vargas, Olga Guijon, Roza Mahdiyar, Touran Zadeh, Miles Pfaff, Raj Vyas, Cindy Vu Institution(s): Louisiana State University School of Medicine, Shreveport, LA, United States; Department of Plastic Surgery, University of California Irvine Health Medical Center, Orange, CA, United States; Children's Hospital of Orange County, Orange, CA, United States</p>
5:34 PM	<p>800 Perioperative Antibiotic Use in Cleft Lip and Palate Repair: A Systematic Review Presenter: Taylor Schuman (United States) Author(s): Taylor Schumann, Michael Gedestad, Benjamin Massenburg Institution(s): Loyola University Chicago Stritch School of Medicine, Chicago, IL, United States</p>
5:38 PM	<p>65 Application of Frontale Priority Strategy in Surgical Correction of Hypertelorism Secondary to Craniosynostosis Presenter: Zheyuan Yu (China) Author(s): Zheyuan Yu, Yijia Zhu, Liang Xu, Min Wei Institution(s): Dept. of PRS, Shanghai Ninth People Hospital, Shanghai, China</p>
5:42 PM	<p>A Novel Method for Alveolar Bone Graft: A Preliminary Clinical Study Presenter: Xinran Zhao Author(s): Xinran Zhao Institution(s): Shanghai Jiao Tong University School of Medicine Affiliated Ninth People's Hospital, Shanghai, China</p>
5:46 PM	<p>Discussion</p>
7:00 PM	<p>Welcome Reception Exhibition Admission by Name Badge</p>

Wednesday, October 29, 2025

Scientific Program

Room:
Jing An Grand
Ballroom III

POSTER SESSION (see page 81)

Open for viewing from first Coffee Break to last session.
Poster presentations will take place during Lunch Break.

Room: Jing An Grand
Ballroom I
7:30 - 8:30 AM

ISCFS BUSINESS MEETING

Room: Jing An Grand
Ballroom I
8:30 - 10:00 AM

**FREE PAPER SESSION 4A –
SYNDROMIC CRANIOSYNOSTOSIS**

Session Chairs: Nivaldo Alonso (Brazil), Mark Urata (United States)

8:30 AM

740 Associations Between FGFR-Mutations and Clinical Presentation in Crouzon-Pfeiffer Syndrome

Presenter: Meike Tjaberinga (The Netherlands)
Author(s): Meike Tjaberinga, Elin Weissbach, Koen Joosten, Marie-Lise van Veelen, Irene Mathijssen, Workgroup Craniosynostosis ERN-CRANIO
Institution(s): Erasmus Medical Centre, Rotterdam, Zuid-Holland, The Netherlands

8:38 AM

84 Aesthetic Refinements in Craniosynostosis Patients during Adolescence

Presenter: Fernando Molina (Mexico)
Author(s): Fernando Molina
Institution(s): Univ Nac Aut MexicoM, CDMX, DF, Mexico; Hospital Angeles Pederegal, CDMX, DF, Mexico

8:42 AM

215 Predictors of Epilepsy in Syndromic Craniosynostosis

Presenter: Daniela Alves Gulhote (Brazil)
Author(s): Daniela Alves Gulhote, Enrico Ghizoni, Cassio Raposo Amaral
Institution(s): SOBRAPAR, Campinas, SP, Brazil

8:46 AM

416 Apert and Crouzon Syndrome: Morphological Analysis of Posterior Cranial Fossa under Posterior Cranial Vault Expansion

Presenter: Ruonan Dong (United Kingdom)
Author(s): Ruonan Dong, Ce Liang, SUnited Statesn Evans, David Johnson, Wuyang Shui, Christian Duncan, Roman Khonsari, Giovanna Paternoster, Mehran Moazen
Institution(s): Department of Mechanical Engineering, University College London, London, United Kingdom

8:50 AM

840 Minimal Access Le Fort III Osteotomy with Robotic Assistance (MALO-R) for Distraction Osteogenesis in Young Children with Syndromic Craniosynostosis

Presenter: Pramod Subash (India)
Author(s): Pramod Subash, Suhas Udayakumaran, Shibani Nerurkar
Institution(s): Amrita Institute of Medical Sciences, Kochi, Kerala, India

8:54 AM

24 Respiratory Outcomes in Apert Syndromes

Presenter: Eric Arnaud (France)
Author(s): Eric Arnaud, Elle Vandervoord, Giovanna Paternoster, Roman H Khonsari
Institution(s): Necker Craniofacial Unit, Paris, France

8:58 AM

129 Learning Curve for Frontofacial Monobloc Advancement in One Japanese Craniofacial Team

Presenter: Yoshiaki Sakamoto (Japan)
Author(s): Yoshiaki Sakamoto, Tomoru Miwa, Kentaro Tomita, Takenobu Ishii
Institution(s): Keio University School of Medicine, Tokyo, Japan

9:02 AM

406 Spatiotemporal Single-Cell Atlas of Coronal Suture Development in Crouzon Syndrome

Presenter: Xinyan Chen (China)
Author(s): Xinyan Chen, Xiaolei Jin
Institution(s): Plastic Surgery Hospital, Chinese Academy of Medical Sciences, Beijing, China

9:06AM

Discussion

9:23 AM

456 A Retrospective Study Comparing External and Internal Devices in Le Fort III Distraction for Syndromic Craniosynostosis

Presenter: Xiaojing Liu (China)
Author(s): Xiaojing Liu, Yue Liu, Yuting Wang, Yi Zhang
Institution(s): Peking University School and Hospital of Stomatology, Beijing, China

9:27 AM

485 Characterisation of Genetic Diagnoses in our Bilateral Lambdoid and Sagittal Craniosynostosis Population

Presenter: Christian Parks (United Kingdom)
Author(s): Martin Van Carlen, Tarek Elmoslemany, Sivagamy Sithambaram, Christian Parks
Institution(s): Alder Hey Childrens Hospital, Liverpool, United Kingdom

9:31 AM

504 The APERT Severity Scale: A Quantitative Tool for Risk Stratification in Apert Syndrome

Presenter: Philip Tolley (United States)
Author(s): Allison Hu, David Perrault, Philip Tolley, Isabel Ryan, Nicholas Han, Eric Liao, Jordan Swanson, Scott Bartlett, Jesse Taylor
Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States

9:35 AM

684 Management of the Apert Hand: The Boston Children's Experience

Presenter: Joseph Firriolo (United States)
Author(s): Brian Labow, Joseph Firriolo, Laura Nuzzi, Brianna Reed, Ava White, Daniel Balkin, Amir Taghinia
Institution(s): Department of Plastic and Oral Surgery, Boston Children's Hospital, Harvard Medical School, Boston, MA, United States

9:39 AM

801 The Birmingham Algorithm for Calvarial Expansion

Presenter: Desiderio Rodriguez (United Kingdom)
Author(s): Desiderio Rodrigues, Natasha Wielogórska, Fardad Afshari, Pasquale Gallo, Jaime Grant, Martin Evans, Jagajeevan Jagadeesan
Institution(s): Birmingham Children's Hospital NHS, Birmingham, United Kingdom

9:43 AM	804 Facial Degloving in Midface Advancement for FGFR2 Syndromes: Evaluating Its Role in Premature Aging Presenter: Sarah Wang (United States) Author(s): Melanie Bakovic, Erin Wolfe, Valeria Mejia, Asli Pekcan, Raina Patel, Artur Manazyan, Pasha Shakoori, Mark Urata, Jeffrey Hammoudeh, Sarah Wang Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States
9:47 AM	32 Presentation, Diagnosis, and Management of Progressive Postnatal Pansynostosis in Crouzon Syndrome: An Illustrative Case Series Presenter: Christina Tran (United States) Author(s): Christina Tran, Eisha Christian, Trevor Hoffman, Stacey Francis Institution(s): Kaiser Permanente School of Medicine, Pasadena, CA, United States
9:51 AM	Discussion

Room: Jing An Grand Ballroom II 8:30 - 10:00 AM	FREE PAPER SESSION 5A – CRANIOFACIAL MICROSOMIA INCLUDING MICROTIA Session Chairs: Scott Bartlett (United States), Ruhong Zhang (China), Keisuke Imai (Japan)
8:30 AM	593 Age, Race, and Socioeconomic Factors in Microtia Reconstruction: An Analysis of Over 1000 Surgical Cases from the Pediatric Health Information System Database Presenter: Jalynn Waites (United States) Author(s): James Antongiovanni, Chizoba Mosieri, Jalynn Waites, Sierra Willens, Nikhil Shah, Leonardo Alaniz, Tricia Morphew, Raj Vyas, Kevin Blaine, Miles Pfaff Institution(s): WSU Elson S. Floyd College of Medicine, Spokane, WA, United States; UC Irvine Plastic Surgery, Orange, CA, United States
8:34 AM	462 Incidence and Anatomical Manifestations of High-Riding Jugular Bulb in Patients with Different Types of Craniofacial Microsomia Presenter: Chen Ke (China) Author(s): Chen Ke Institution(s): General Department, Plastic Surgery Hospital, Chinese Academy of Medical Sciences, Beijing, China
8:38 AM	569 An Assessment of the Interrater Reliability of Phenotypic Classification of Craniofacial Microsomia by Clinical Photographs Presenter: Malory Alexis (United States) Author(s): Megan Perez, Caitlin Jacobs, Benjamin Smith, Kelsey Green, Jessamyn Balma, Malory Alexis, Chad Purnell Institution(s): Division of Plastic Surgery, Northwestern University, Chicago, IL, United States
8:42 AM	641 Personalized Orthognathic Surgical Treatment Strategies for Hemifacial Microsomia Patients Presenter: Xudong Wang (China) Author(s): Xudong Wang, Guofang Shen, Hongbo Yu, Lei Zhang, Jian Cao, Hao Sun, Biao Li, Kai Liu, Hongpu Wei, Jingshuang Yu, Kehan Li Institution(s): Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China

8:46 AM	30 The Role of Adenoid Hypertrophy in Craniofacial Microsomia Patients with Obstructive Sleep Apnea: A Retrospective Study Presenter: Yingxiang Liang (China) Author(s): Yingxiang Liang Institution(s): Peking Union Medical College, Beijing, China
8:50 AM	739 Three-Dimensional Computed Tomographic Analysis of Mandibular Deformity in Children with Type IIA Craniofacial Microsomia Based on Skeletal Subunits Presenter: Lei Li (China) Author(s): Lei Li, Zhiyong Zhang Institution(s): Plastic Surgery Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China
8:54 AM	120 Identification of Genetic Variants in Microtia Using Next Generation Sequencing (NGS) Presenter: Tisya Wahdini (Indonesia) Author(s): Siti Isya Wahdini, Indri Lakshmi Putri, Kristy Iskandar, Gunadi Gunadi, Naura Nadhira, Almas Prawoto, Alfredo Nugroho, Lilyana Wulandari Institution(s): Plastic Reconstructive and Aesthetic Surgery Division – Department of Surgery, Faculty of Medicine, Public Health, and Nursing, Universitas Gadjah Mada/ Dr. Sardjito General Hospital, Yogyakarta, Indonesia
8:58 AM	380 Preservation of the Periosteum Facilitates Osteogenesis Following Mandibular Ramus Reconstruction with Costochondral Grafts in Patients with Hemifacial Microsomia Presenter: Hao Sun (China) Author(s): Hao Sun, Hongpu Wei, Xudong Wang Institution(s): Ninth People's Hospital, Shanghai JiaoTong University School of Medicine, Shanghai, Shanghai, China
9:02 AM	182 Development of a Novel Large-Animal Model for Craniofacial Microsomia: Proportional Skeletal Defects in Mandibular Ramus and Zygomatic Arch Presenter: Hongwen Li (China) Author(s): Hongwen Li, Zhiyong Zhang Institution(s): Plastic Surgery Department, China-Japan Friendship Hospital, Beijing, China
9:06 AM	351 Early Mandibular Distraction Osteogenesis for Hemifacial Microsomia: A Single-Center Clinical Experience in China Presenter: Gang Chai (China) Author(s): Gang Chai Institution(s): Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China
9:10 AM	548 Respiratory Outcome of Mandibular Distraction Osteogenesis on Obstructive Sleep Apnea in Craniofacial Microsomia: A Retrospective Study Presenter: Lunkun Ma (China) Author(s): Lunkun Ma, Wei Liu, Zhiyong Zhang Institution(s): Plastic Surgery Hospital, Chinese Academy of Medical Sciences, Peking Union Medical College, Beijing, China

9:14 AM	85 Redefining Grade II-B Hemifacial Microsomia Treatment Using Mandibular Distraction after 20 Years of Follow-Up Presenter: Fernando Molina (Mexico) Author(s): Fernando Molina Institution(s): Univ Nac Aut Mexico, CDMX, DF, Mexico; Hosp Angeles Pedregal, CDMX, DF, Mexico
9:18 AM	Discussion
9:23 AM	628 Microtia and Complex Chronic Conditions in the United States: An Analysis of 22,075 Pediatric Patients From the Pediatric Health Information System Database Presenter: Cindy Vu (United States) Author(s): Chizoba A. Mosieri, James Antongiovanni, Sierra Willens, Kevin Blaine, Leonardo Alaniz, Nikhil Shah, Raj Vyas, Miles Pfaff Institution(s): Louisiana State University School of Medicine, Shreveport, LA, United States; Department of Plastic Surgery, University of California Irvine Health Medical Center, Orange, CA, United States
9:27 AM	39 Novel 3D-Printed Aids for Total Ear Reconstruction Presenter: Asaf Olshinka (Israel) Author(s): Asaf Olshinka Institution(s): Schneider Children's Medical Center, Petach Tikva, Israel
9:31 AM	123 Classification and Treatment Strategies for Traumatic Ear Defects Presenter: Datao Li (China) Author(s): Datao Li, Ruhong Zhang Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China
9:35 AM	140 An Alternative Posterosuperior-Auricular Fascia Flap for Ear Elevation During Microtia Reconstruction Presenter: Yiyuan Lee (China) Author(s): Yiyuan Li, Ruhong Zhang Institution(s): Shanghai 9th People's Hospital, Shanghai JiaoTong University School of Medicine., Shanghai, China
9:39 AM	86 Microtia: Lessons Gleaned from 1,012 Reconstruction Operations over the Last 6 Years Presenter: Xia Chen (China) Author(s): Xia Chen Institution(s): Shanghai 9th People's Hospital, Shanghai, China
9:43 AM	Discussion
Room: Exhibition 10:00 - 10:30 AM	Coffee Break in Exhibition

Room: Jing An Grand Ballroom I 10:30 AM - 12:00 PM	FREE PAPER SESSION 4B – SYNDROMIC CRANIOSYNOSTOSIS Session Chairs: David Johnson (United Kingdom), Mark Urata (United State)
10:30 AM	261 Evaluating Surgical Outcomes and Syndromic Correlates in Patients with Bicoronal Synostosis: A Comprehensive Study at Great Ormond Street Hospital (2009-2024) Presenter: Costas Fantis (United Kingdom) Author(s): Costas Fantis, David Moon, Dulanka Silva, Juling Ong, Simon Eccles, Owase Jeelani, David Dunaway, Greg James Institution(s): Great Ormond Street Hospital, London, United Kingdom
10:34 AM	362 CT Imaging Signs of Intracranial Hypertension and Volumetric Anomalies in Apert Syndrome: Insights for Early Surgical Intervention Presenter: Phuong D. Nguyen (United States) Author(s): Diego A. Gomez, Isabelle J. Meredith, Skyler K. Palmer, Marius George Linguraru, David Y. Khechoyan, Phuong D. Nguyen, Brooke French, Antonio R. Porras Institution(s): Department of Pediatric Plastic and Reconstructive Surgery, Children's Hospital of Colorado, Aurora, CO, United States; Division of Plastic and Reconstructive Surgery, University of Colorado Anschutz Medical Campus, Aurora, CO, United States
10:38 AM	659 Early Endoscopic Strip Craniectomy with Posterior Vault Distraction Osteogenesis for Complex Craniosynostosis: A Comprehensive Approach Presenter: Rajendra Sawh-Martinez (United States) Author(s): Rajendra Sawh-Martinez, Rose Meltzer, William Cobb, Leticia Lenkiu Institution(s): AdventHealth for Children, Orlando, FL, United States
10:42 AM	680 Long-Term Stability of Le Fort III Distraction Osteogenesis in Syndromic Craniosynostosis: A Five-Year Follow-Up Study Presenter: Fengqi Song (China) Author(s): Fengqi Song, Xiaojing Liu, Yuting Wang, Yue Liu Institution(s): Peking University School and Hospital of Stomatology, Beijing, China
10:46 AM	783 Variation in Clinical Presentation in Apert Syndrome: An Analysis of Clinical Features and Outcomes of two Pathogenic FGFR2 Variants Presenter: Elin Weissbach (The Netherlands) Author(s): Elin Weissbach, Janneke De Wijs, Irene Mathijssen Institution(s): Erasmus MC, Rotterdam, The Netherlands
10:50 AM	298 Individualized Surgical Treatment for Different Types of Syndromic Craniosynostosis: Design, Implementation and Outcomes Presenter: Xu Liang (China) Author(s): Xu Liang, Wei Min Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China
10:54 AM	163 A Retrospective Analysis of Nutritional Status as a Predictor of Surgical Outcomes in Syndromic Craniosynostosis Presenter: Rachel Donaldson (United States) Author(s): Raina Patel, Asli Pekcan, Valeria Mejia, Melanie Bakovic, Laura Herrera Gomez, Alyssa Valenti, Jeffrey Hammoudeh, Mark Urata, Rachel Donaldson Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States

10:58 AM	<p>195 Evaluating Cranial Shape and Symmetry in Patients with Syndromic Craniosynostosis following Open Cranial Vault Remodeling with Postoperative Helmet Therapy Presenter: Anika Kim (United States) Author(s): Anika Kim, Asli Pekcan, Valeria Mejia, Melanie Bakovic, Raina Patel, Laura Herrera Gomez, Alyssa Valenti, Jeffrey Hammoudeh, Mark Urata Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States</p>
11:02 AM	<p>460 Evaluation of Maxillary Posterior Permanent Molars in Patients with Syndromic Craniosynostosis after Le Fort III Distraction Presenter: Fengqi Song (China) Author(s): Yuting Wang, Xiaojing Liu, Yi Zhang Institution(s): Peking University School and Hospital of Stomatology, Beijing, China</p>
11:06 AM	<p>Discussion</p>
11:15 AM	<p>463 The GOSH Severity Score: A Validated Method for Grading Functional Severity of Patients with Complex Craniosynostosis Presenter: Richard Hayward (United Kingdom) Author(s): Richard Hayward, Catherine Zhang, Gregory James, Owase Jeelani, David Dunaway Institution(s): Great Ormond Street Hospital for Children, London, United Kingdom</p>
11:19 AM	<p>503 Contemporary Management of the Midface in Apert Syndrome Presenter: Jesse Taylor (United States) Author(s): Meagan Wu, Allison Hu, Isabel Ryan, Nicholas Han, Philip Tolley, Jordan Swanson, Scott Bartlett, Jesse Taylor Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>
11:23 AM	<p>568 Skull Base Cephalometrics in Patients with Craniofacial Syndromes – Can You Trust SN to Guide Orthognathic Surgery? Presenter: Malory Alexis (United States) Author(s): Catherine Xu, Benjamin Smith, Kelsey Green, Akriti Choudhary, Megan Perez, Malory Alexis, Linping Zhao, Chad Purnell Institution(s): Division of Plastic, Reconstructive & Cosmetic Surgery, University of Illinois College of Medicine at Chicago, Chicago, IL, United States</p>
11:27 AM	<p>624 Functional Synchondrosectomy for Syndromic Craniosynostoses: A Proof of Concept Presenter: Roman Hossein Khonsari (France) Author(s): Nicolas Kogane, Sébastien Froelich, Bertrand Baussart, Arianna Fava, Mehran Moazen, Maxime Taverne, Zijin Quin, Jesse Taylor, Eric Arnaud, Giovanna Paternoster, Roman Hossein Khonsari Institution(s): Hôpital Necker - Enfants malades, AP-HP, Paris, France; Laboratoire Forme et Croissance du Crâne, Institut Imagine, Paris, France</p>
11:31 AM	<p>644 Noninvasive Ventilation via Nasal Mask Aggravates Midface Retrusion in Syndromic Craniosynostosis Presenter: Maxime Taverne (France) Author(s): Maxime Taverne, Margaux Ntirubuza, Aloïs Roussel, Yehong Zhong, Suzann Beukes, Mehran Moazen, Roman Hossein Khonsari, Brigitte Fauroux, Sonia Khirani Institution(s): Institut Imagine, Paris, France</p>

11:35 AM	<p>693 Two Decades of Institutional Experience in Posterior Vault Distraction Osteogenesis: A Review of Patient Demographics and Surgical Outcomes Presenter: Erin Wolfe (United States) Author(s): Erin Wolfe, Artur Manasyan, Melanie Bakovic, Valeria Mejia, Asli Pekcan, Raina Patel, Jeffrey Hammoudeh, Mark Urata Institution(s): Children's Hospital of Los Angeles, Los Angeles, CA, United States</p>
11:39 AM	<p>208 Free-Floating Bone Flap Posterior Cranial Vault Release in Syndromic Craniosynostosis Presenter: Zeyang Xia (China) Author(s): Zeyang Xia, Nan Bao, QinChuan Liang, Xu Kang, Yong Sun Institution(s): Shanghai Children's Medical Center, Shanghai, Shanghai, China</p>
11:43 AM	<p>248 Comparison of Monoblock Distraction and Front-Orbital + Le Fort III Distraction Presenter: Nobuhiro Ando (Japan) Author(s): Nobuyuki Mitsukawa, Kahoko Yamada, Nobuhiro Ando, Yoshihisa Yamaji Institution(s): Department of Plastic, Reconstructive and Aesthetic Surgery, Chiba University, Chiba, Japan</p>
11:47 AM	<p>274 Evaluation of Bone Regeneration Following Suturectomy Using Absorbable Plates in Early Surgery for Syndromic Craniosynostosis Presenter: Daisuke Sakahara (Japan) Author(s): Daisuke Sakahara, Mariko Noto, Keisuke Imai Institution(s): Osaka City General Hospital, Osaka, Japan</p>
11:51 AM	<p>645 Cranioplasty for Sweeney-Cox Syndrome: Japan's First Report and Surgical Insight Presenter: Joceline Theda Kadarman (Japan) Author(s): Joceline Theda Kadarman, Nobuyuki Mitsukawa Institution(s): Department of Plastic, Reconstructive, and Aesthetic Surgery, Graduate School of Medicine, Chiba University, Chiba, Japan</p>
11:55 AM	<p>735 Outcome of Cranial Defects After Surgical Correction of Syndromic Craniosynostosis Presenter: Yueqing Wang (China) Author(s): Yueqing Wang, Chenbin Dong Institution(s): Children's Hospital of Fudan University, Shanghai, China</p>
11:59 AM	<p>Discussion</p>

Room: Jing An Grand Ballroom II 10:30 - 11:20 AM	FREE PAPER SESSION 5B – CRANIOFACIAL MICROSOMIA INCLUDING MICROTIA Session Chair: Eppo Wolvius (The Netherlands), Gang Chai (China)
10:30 AM	472 Refining Constricted Ear Reconstruction: Clinical Application of the Park Algorithm Supported by a Systematic Review Presenter: Valencia Jane Martin (Indonesia) Author(s): Valencia Jane Martin, Kristaninta Bangun Institution(s): Division of Plastic, Reconstructive and Aesthetic Surgery, Department of Surgery, Ciptomangunkusmo National Referral Hospital, Faculty of Medicine Universitas Indonesia, Jakarta, DKI Jakarta, Indonesia
10:34 AM	190 Microtia in Indonesia: Characteristics and Family History Analysis on the Presence of Other Congenital Anomalies in Patients With Microtia Presenter: Indri Lakhsmi Putri (Indonesia) Author(s): Indri Lakhsmi Putri, Desrainy Inhardini Gunadiputri, Imaniar Fitri Aisyah, Pudji Lestari, Lobredia Zarasade Institution(s): Department of Plastic Reconstructive and Aesthetic Surgery, Faculty of Medicine, Airlangga University, Surabaya, East Java, Indonesia; Plastic Reconstructive and Aesthetic Surgery Unit, Universitas Airlangga Hospital, Surabaya, East Java, Indonesia
10:38 AM	734 Patient and Family Perspectives on Tissue Engineering in Microtia Reconstruction Presenter: Arya Sherafat (United States) Author(s): Arya Sherafat, James Antongiovanni, Chizoba Mosieri, Ashton Rosebloom, Lana Mamoun, Sierra Willens, Miles Pfaff Institution(s): University of California, Riverside School of Medicine, Riverside, CA, United States; Department of Plastic Surgery, University of California Irvine Medical Center, Orange, CA, United States
10:42 AM	501 Microtia as a Marker for Craniofacial Microsomia: Prevalence and Phenotypic Correlation in Indonesia Presenter: Lilyana Ulfa (Indonesia) Author(s): Lilyana Ulfa Wulandari Institution(s): Ringroad Selatan General Hospital, Bantul, Yogyakarta, Indonesia
10:46 AM	290 Three-Dimensional Cephalometric Analysis of Morphological Characteristic in Children with Bilateral Craniofacial Microsomia Presenter: Chen Li (China) Author(s): Chen Li, Xiaojun Tang, Wei Liu Institution(s): Plastic Surgery Hospital and Institute, Chinese Academy of Medical Sciences, Peking Union Medical College, Beijing, China
10:50 AM	352 Mandibular Distraction Osteogenesis in Toddlers with Hemifacial Microsomia: A Five-Year Follow-Up of a Randomized Controlled Trial Presenter: Xiaojun Chen (China) Author(s): Xiaojun Chen Institution(s): Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China
10:54 AM	447 Robot-Assisted Surgery vs Traditional Surgery for Mandibular Distraction Osteogenesis in Hemifacial Microsomia: A Randomized Clinical Trial Presenter: Ziwei Zhang (China) Author(s): Ziwei Zhang, Li Lin, Gang Chai Institution(s): Shanghai 9th People's Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China

10:58 AM	799 Living with Facio-Auriculo-Vertebral Spectrum: A 20 Year Single Institution Experience Presenter: Melissa Kanack (United States) Author(s): Lucy Sheahan, Alvin Nguyen, Michael Gedestad, Mckay Reese, Hunter Faris, Cyril Harfouche, Kelli Lopes, Melissa Kanack, Benjamin Massenburg, Amanda Gosman Institution(s): University of California San Diego Division of Plastic Surgery, San Diego, CA, United States
11:02 AM	626 Application and Accuracy of Patient-Specific Implant in the Reconstruction of the Mandibular Ramus by Costochondral Grafts in Patients with Hemifacial Microsomia: A Preliminary Study Presenter: Hongpu Wei (China) Author(s): Hongpu Wei, Hao Sun, Xudong Wang Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China
11:06 AM	Discussion

Room: Jing An Grand Ballroom II 11:20 AM - 12:00 PM	FREE PAPER SESSION 6 – FACIAL DYSOSTOSIS Session Chairs: Eric Arnaud (France), Richard Hopper (United States)
11:20 AM	632 Congenital Arhinia: A Case Report with Ongoing Follow-up 10 Years and Two Additional Patients Presenter: Zeynep Nesil Demirli (Turkiye) Author(s): Zeynep Nesil Demirli, Etkin Boynuyogun, Gökhan Tunçbilek Institution(s): Hacettepe University, Ankara, Altındağ, Turkiye
11:24 AM	736 Optimal Diagnostic and Treatment Practices for Facial Dysostosis Syndromes: A Clinical Consensus Statement Among European Experts Presenter: Sarah L. Versnel (The Netherlands) Author(s): Victor L. van Roey, Willemijn F.E. Irvine, Sarah L. Versnel Institution(s): Erasmus University Medical Centre Rotterdam - Sophia Children's Hospital, Rotterdam, The Netherlands; European Reference Network CRANIO, Rotterdam, The Netherlands
11:28 AM	817 Ocular Hypertelorism Correction: Soft Tissue and Bone Results, Ocular Impairment, and Complications Presenter: Cristiano Tonello (Brazil) Author(s): Cristiano Tonello, Isabella Paula, Michele Brandão, Luciano Machado, Nivaldo Alonso Institution(s): Hospital for Rehabilitation of Craniofacial Anomalies- University of São Paulo, Bauru, SP, Brazil; School of Medicine - University of São Paulo, Bauru, SP, Brazil
11:32 AM	280 Mechanism of Trans-Sutural Distraction Osteogenesis via Macrophage-BMP2 Axis Presenter: Peiyang Zhang (China) Author(s): Peiyang Zhang, Yuan Liao, Hongsen Bi, Zhenmin Zhao Institution(s): Peking University Third Hospital, Beijing, China

11:36 AM	<p>409 ANO5 p.I616F Mutation Drives Florid Cemento-Osseous Dysplasia by Disrupting Transmembrane Domain Structure and Calcium Signaling Presenter: Lanlan Zhang (China) Author(s): Lanlan Zhang, Wenxi Jin, Yunfa Qin, Weihong Wang Institution(s): Department of Oral and Maxillofacial Surgery, Affiliated Stomatological Hospital of Kunming Medical University, Kunming, China; Yunnan Provincial Key Laboratory of Stomatology, Kunming, China</p>
11:40 AM	<p>181 Le Fort III Bipartition Osteotomy for Craniofacial Reconstruction in Cases of the Rare ALX1-Related Frontonasal Dysplasia Presenter: Göknerk Çavuşoğlu (Turkiye) Author(s): Göknerk Çavuşoğlu, İbrahim Vargel, Gökhan Tunçbilek Institution(s): Hacettepe University Faculty of Medicine, Ankara, Turkiye</p>
11:44 AM	<p>773 Relationship Between Mandibular Morphology and Jaw-Closing Muscle Development in Robin Sequence Versus a Healthy Age-Matched Population Presenter: Lara van de Lande (The Netherlands) Author(s): Lara van de Lande, Maxime Taverne, Ezgi Çetin, Alies van Berkum, Khalid El Ghoul, Cory Resnick, Eppo Wolvius, Roman Khonsari, Hugo Dutel Institution(s): Department of Oral and Maxillofacial Surgery, Rotterdam, Zuid-Holland, The Netherlands</p>
11:48 AM	<p>482 Posterolateral Orbital Wall – Sphenoid Wing Reconstruction in Orbital Neurofibromatosis Patients, Experiences of a Single Clinic Presenter: Alaz Çırak (Turkiye) Author(s): Alaz Çırak, Mert Calis, Ilkay Isikay, Gokhan Tuncbilek Institution(s): Hacettepe University Faculty of Medicine, Department of Plastic Reconstructive and Aesthetic Surgery, Ankara, Turkiye</p>
11:52 AM	<p>130 A Study of Deprogramming Occlusal Pad for the Effect of Condyle of Patients with Temporomandibular Joint Disc Anterior Displacement Based on MRI Presenter: Qing Yuan (China) Author(s): Xin Nie, Qing Yuan, Huimin Long Institution(s): Wenzhou Medical University, School & Hospital of Stomatocal logi, Zhejiang, Wenzhou, China</p>
11:56 AM	<p>480 Craniofacial and Upper Limb Anomalies Following Prenatal Methotrexate Exposure: A Systematic Review Presenter: Theodore Hyman (United States) Author(s): Liara Ortiz, Jad Kfourri, Marielle Fis Loperena, Danny Chamaa, Aya Kraidli, Athena Zhang, Theodore Hyman, Gary Rogers, Albert Oh Institution(s): Division of Plastic and Reconstructive Surgery, Children’s National Hospital, Washington, DC, United States</p>

Room: Exhibition
12:00 - 1:00 PM **Lunch Break in Exhibition**

Room: Jing An Grand Ballroom I
12:00 - 1:00 PM **INDICATIONS FOR SURGERY: CASE-BASED DISCUSSION**
 Hosted by the ISCFS Young Surgeons’ Committee, this interactive session highlights challenging real-world cases where surgical indications are not straightforward.

Room: Jing An Grand Ballroom II 12:00 - 1:00 PM	ASIAN SESSION Session Chairs: Dejun Cao (China), Keisuke Imai (Japan), Nond Rojvachiranonda (Thailand)
12:00 PM	Welcome Speech Xiongzheng Mu (China)
12:05 PM	My Concept & Technique for Cranial Distraction Jong-Woo Choi (Korea, Republic of)
12:10 PM	Up to Date of Craniosynostosis Surgery in Japan. „Introduction” – Treatment Environments and Costs of Craniosynostosis Surgery in Japan: Differences from Other Countries Keisuke Imai (Japan)
12:15 PM	JAPAN Cranio 2021: Nationwide Registry on Primary Surgery for Craniosynostosis in Japan Ikkei Tamada (Japan)
12:20 PM	Clinical Utility of Multidirectional Cranial Distraction Osteogenesis Developed in Japan Hideaki Kamochi (Japan)
12:25 PM	The Unique Evolution and Innovation of Craniofacial Surgery in „Galápagos” Japan Yoshiaki Sakamoto (Japan)
12:30 PM	Achieving Optional Aesthetic Outcomes in Asian Faces: BAPA-Guided Planning in Segmental Two-Jaw Surgery Heungsik Park (Korea, Republic of)
12:35 PM	Progress of Industry-Academia-Research in Intelligent Medical & Aesthetic Plastic Surgery Robots Gang Chai (China)
12:40 PM	Midface Augmentation in OGS for Class III Patients Xiaojing Liu (China)
12:45 PM	Expert Consensus Discussion Xiongzheng Mu (China), Jong-Woo Choi (Korea, Republic of), Keisuke Imai (Japan), Ikkei Tamada (Japan), Hideaki Kamochi (Japan), Yoshiaki Sakamoto (Japan), Heungsik Park (Korea, Republic of), Gang Chai (China), Xiaojing Liu (China), Jesse Taylor (United States), Richard Hopper (United States), Irene Mathijssen (The Netherlands)
12:53 PM	Questions and Discussion

Room: Jing An Grand Ballroom I 1:00 - 3:30 PM	FREE PAPER SESSION 7 – CRANIOFACIAL FEMINIZATION SURGERY AND FACIAL CONTOURING SURGERY Session Chairs: Jordan Swanson (United States), Yoshiaki Sakamoto (Japan), Jianjian Lu (China)
1:00 PM	176 The Effect of Early Hormone Therapy on Frontal Sinus Anatomy in Patients Presenting for Feminizing Facial Contouring Surgery Presenter: Alexander Andrew Argame (United States) Author(s): Alexander Andrew Argame, Iris Deng, James Lee Institution(s): Kaiser Permanente Bernard J. Tyson School of Medicine, Pasadena, CA, United States
1:04 PM	33 Quantitative Analysis of Male versus Female Frontal Bone and Orbital Skeletal Morphology: Establishing Population Averages and Variability Presenter: Scott Bartlett (United States) Author(s): Meagan Wu, Lauren Salinero, Ashley Chang, Jonathan Sussman, Benjamin Massenburg, Zachary Zapatero, Mariana Almeida, Derek Steinbacher, Jesse Taylor, Jordan Swanson, Scott Bartlett Institution(s): Children’s Hospital of Philadelphia, Philadelphia, PA, United States
1:08 PM	385 Combined Partial Coronoidectomy and Reduction Malarplasty in Patients with Elongated Coronoid Processes: Outcomes and Comparative Efficacy Presenter: Chongxu Qiao (China) Author(s): Chongxu Qiao, Guoping Wu Institution(s): The Affiliated Friendship Plastic Surgery Hospital of Nanjing Medical University, Nanjing, Jiangsu Province, China
1:12 PM	453 Beyond Bone Resection: Soft Tissue Stability of Drawer-Genioplasty Versus U-shaped Osteotomy – A Retrospective Cohort Study Presenter: Yu Wang (China) Author(s): Yu Wang Institution(s): Plastic Surgery Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China
1:16 PM	721 Facial Feminization Surgery: Lessons Learned from First 2000 Cases and from Human and Artificial Intelligence Studies Presenter: James Bradley (United States) Author(s): James Bradley, Kuldeep Singh, Jackie Albert, Joshua Choe, Meghan Miller Institution(s): Northwell Health, New York, NY, United States
1:20 PM	49 Would Hyaluronic Acid-Induced Mental Bone Resorption be a Concern? A Prospective Controlled Cohort Study and an Updated Retrospective Cohort Study Presenter: Xiaoshuang Guo (China) Author(s): Xiaoshuang Guo, Xiaolei Jin Institution(s): Chinese Academy of Medical Sciences, Beijing, China
1:24 PM	115 Quantification of Similarity Between Planned Facial Feminization Surgery and Assigned Female at Birth Subjects Presenter: Paula Flores-Perez (United States) Author(s): Albert Rancu, Paula Flores-Perez, Samira Glaeser-Khan, Omar Allam, Martin Kauke-Navarro, Michael Alperovich Institution(s): Yale University, New Haven, CT, United States

1:28 PM	525 Virtual Surgical Planning (VSP) in Craniofacial Feminization Surgery (FFS): An Analysis of Complications, Operative Metrics, and Learning Curve Effects Presenter: Elizabeth Card (United States) Author(s): Carrie Z. Morales, Meagan Wu, Elizabeth Card, Sarah Barnett, Jacob Williams, Allison Hu, Philip Tolley, Gerard Mundinger, Jordan Swanson Institution(s): Childrens Hospital of Philadelphia, Philadelphia, PA, United States
1:32 PM	627 Temporal Augmentation Effect of Reduction Malarplasty: Application of Our Bracing Technique with Zygomatic Arch Elevation Presenter: Panxi Yu (China) Author(s): Panxi Yu Institution(s): Plastic Surgery Hospital, Chinese Academy of Medical Sciences, Beijing, China
1:36 PM	767 Gender Affirming Facial Surgery Improves Patient Satisfaction and Relieves Gender Dysphoria: A GENDER-Q and Gender Preoccupation and Stability Questionnaire Study Presenter: Melanie Vassallo (United States) Author(s): Helia Hosseini, Thayer Mukherjee, Paula Flores Perez, Melanie Vassallo, Jacqueline Ihnat, Kevin Hu, Neil Parikh, Omar Allam, Michael Alperovich Institution(s): Yale University School of Medicine, New Haven, CT, United States
1:40 PM	52 Quantitative Analysis of Sexual Dimorphism in Three-Dimensional Facial Anthropometry in an Asian Population: Implications for Facial Feminisation Surgery Presenter: Sarut Chaisrisawadisuk (Thailand) Author(s): Sarut Chaisrisawadisuk, Orapa Pongsri, Nattamon Sampattanavorachai Institution(s): Division of Plastic Surgery, Department of Surgery, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand
1:44 PM	210 The Anti-Aging Strategy for Facial Soft Tissue Sagging After Zygomatic Osteotomy Presenter: Jiaman Gao (China) Author(s): Jiaman Gao (China) Institution(s): BR Medical Aesthetic Clinic, Shanghai, China
1:48 PM	Discussion
2:01 PM	179 Defining Outcomes in Facial Gender-Affirming Surgery: A Systematic Review to Inform Core Outcome Set Development Presenter: Meghan Miller (United States) Author(s): Meghan Miller, Derrick Lin, Kaavian Shariati, Samantha Rabinovich, Graysen Airth, Rebecca Canfield, Sabrina Rainsbury, Sarah Fadich, James Bradley, Justine Lee Institution(s): UCLA, LA, CA, United States
2:05 PM	267 Impact of Preoperative Intramedullary Injection of Fibrin Sealant on Reducing Hemorrhage in Mandibular Osteotomy: A Prospective RCT Study Presenter: Yichi Zhang (China) Author(s): Yichi Zhang Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai 9th People’s Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China

2:09 PM	337 Mandibular Angle Osteotomy via Intraoral Approach: A 15-year Experience from a Single Plastic Surgery Center in China Presenter: Guoping Wu (China) Author(s): Guoping Wu, Zhiyang Xie, Chongxu Qiao, Shunchao Yan Institution(s): The Affiliated Friendship Plastic Surgery Hospital of Nanjing Medical University, Nanjing, Jiangsu, China
2:13 PM	348 The Impact of Red Blood Cell Count and Hemoglobin Levels on Bone Remodeling in Mandibular Angle Osteotomy Presenter: Miao Junyan (China) Author(s): Miao Junyan, Xie Zhiyang, Wu Guoping Institution(s): Department of Plastic Surgery, The Affiliated Friendship Plastic Surgery Hospital of Nanjing Medical University, Nanjing, Jiangsu Province, China
2:17 PM	44 Improved Midfacial Symmetry with Soft Tissue Suspension in Fibrous Dysplasia Resection: A Geometric Morphometric Study Presenter: Taoran Jiang (China) Author(s): Taoran Jiang, Josef Yehong Zahong, Dejun Cao, Zheyuan Yu, Bin Fang Institution(s): Shanghai Jiaotong University School of Medicine affiliated Shanghai 9th People's Hospital, Shanghai, China
2:21 PM	689 Craniofacial Feminization and Masculinization Surgery: Three-Year Single Surgeon Experience Presenter: Gerhard S. Munding (United States) Author(s): Gerhard S. Munding, M.D., M.B.A. Institution(s): Crane Surgical Services, Austin, Texas, United States; Louisiana State University Health Sciences Center, New Orleans, LA, United States
2:25 PM	763 Impact of State Legislation on Regional Availability of Facial Feminization Surgeons in the United States of America Presenter: David Febre (United States) Author(s): David Febre, Jacqueline Ihnat, Paula Flores-Perez, Melanie Vassallo, Sacha Hauc, Omar Allam, Karen Bach, Michael Alperovich Institution(s): Yale University School of Medicine, New Haven, CT, United States
2:29 PM	239 Short-Scar Deep Plane Facelift for Facial Contouring Related Laxity Presenter: Xi Fu (China) Author(s): Xi Fu Institution(s): Plastic Surgery Hospital Chinese Academy of Medical Sciences, Beijing, China
2:33 PM	358 Anti-Sagging Method in Reduction Malarplasty for Chinese Patients Presenter: Jianjian Lu (China) Author(s): Jianjian Lu, Li Teng Institution(s): Plastic Surgery Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China
2:37 PM	Discussion
2:58 PM	516 Sex-Based Differences in Zygomatic Morphology: Implications for Facial Feminization Surgery Presenter: Alexander Wilson (United States) Author(s): Allison Hu, Alvin Yu, Carrie Morales, Philip Tolley, Nicholas Han, Isabel Ryan, Jesse Taylor, Scott Bartlett, Jordan Swanson, Alexander Wilson Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States

3:02 PM	826 Safety Profile of Feminizing Facial Gender Affirming Surgery in Single vs Multiple Stages Presenter: Allison Seitz (United States) Author(s): Allison Seitz, Aidan O'Shea, Emily Zona, Alisha Khosla, Daniel Cho, Catharine Garland Institution(s): University of Wisconsin School of Medicine and Public Health, Madison, WI, United States
3:06 PM	128 Free Superficial Circumflex Iliac Artery/Superficial Inferior Epigastric Artery Adipofascial Flaps for Facial Reconstruction of Linear Scleroderma Presenter: Jiangmiao Xie (China) Author(s): Jiangmiao Xie, Wenchao Zhang, Elan Yang, Xiao Long, Ang Zeng Institution(s): Peking Union Medical College Hospital, Beijing, Dongcheng District, China
3:10 PM	72 Exploring the Development and Future Directions of Facial Bone Contouring: A Bibliometric And Visualization Analysis from 2005 to 2025 Presenter: Zhiyang Xie (China) Author(s): Zhiyang Xie, Li Teng Institution(s): Plastic Surgery Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China
3:14 PM	207 U.S. Insurance Trends in Reduction Mammoplasty and Facial Feminization Surgery: A Comparative Analysis Presenter: Alexander Argame (United States) Author(s): Iris Deng, Alexander Argame, Dominic Garza, Maxwell Probst, Michael Chu, James Lee Institution(s): Kaiser Permanente Bernard J Tyson School of Medicine, Pasadena, CA, United States
3:18 PM	Discussion

Room: Jing An Grand Ballroom II 1:00 - 3:30 PM	FREE PAPER SESSION 9A – MAXILLOFACIAL AND ORTHODONTIC ASPECTS OF CRANIOFACIAL SURGERY Session Chairs: Jong-Woo Choi (Korea, Republic of), Guofang Shen (China), Tao Wang (China)
1:00 PM	598 How Can the Digital Technology Enhance the Multidisciplinary Management of Cranio-Maxillofacial Deformities and Defects Presenter: Steve GF Shen (China) Author(s): Steve GF Shen Institution(s): Department of Oral & Craniomaxillofacial Surgery, Shanghai Ninth People Hospital, Shanghai Jiaotong University School of Medicine, Shanghai, China
1:04 PM	379 Experimental and Clinical Study on Non-Vascularized Fibular Flap for Mandibular Defect Reconstruction and Fibular Regeneration Presenter: Munir Ahmad Osman (China) Author(s): Munir Ahmad Osman Institution(s): Affiliated Stomatology Hospital of Kunming Medical University, Kunming, Yunnan, China

1:08 PM	<p>411 Long-Term Stability of Patient-Specific 3D-Printed Titanium Fixation Plates in LeFort I Osteotomy Presenter: Sameer Shakir (United States) Author(s): Nicholas Han, Helen Zhou, Philip Tolley, Kaamy Varagur, Isabel Ryan, Allison Hu, Lawrence Levin, Joseph Napoli, Scott Bartlett, Jordan Swanson, Jesse Taylor, Sameer Shakir Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>
1:12 PM	<p>672 Building Distant Metastasis Models for HNSCC Using Machine Learning Techniques Presenter: Changping Ma (China) Author(s): Changping Ma Institution(s): Ningxia medical University, Yinchuan, Ningxia, China; General Hospital of Ningxia Medical University, Zhou Zhongwei Department of Oral and Maxillofacial Surgery, General Hospital of Ningxia Medical University, Yinchuan, Ningxia, China</p>
1:16 PM	<p>850 Assessing Dynamic Smile Outcomes in Pediatric Facial Palsy: An Image-Based Approach After Free Gracilis Muscle Transfer Presenter: Melanie Bakovic (United States) Author(s): Melanie Bakovic, Valeria Mejia, Asli Pekcan, Raina Patel, Laura Herrera-Gomez, Alyssa Valenti, Meryem Guler, Jessica Lee, William Magee, Mark Urata, Jeffrey Hammoudeh Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States</p>
1:20 PM	<p>382 Clinical Study on the Effect of Le-Fort I Advancement of Maxilla on the Anatomic Morphology of Nasal Base in Patients with Skeletal Class III Presenter: Xin Lv (China) Author(s): Xin Lv, Jing-Yi Li, Qian Zhang, Cheng-Wan Xia, Yu-Xin Wang, Xu-Dong Yang Institution(s): Orthognathic Surgery for Oral and Maxillofacial Trauma, Nanjing Stomatological Hospital, Affiliated Hospital of Medical School, Nanjing, China</p>
1:24 PM	<p>434 Comprehensive Treatment of Patients with Severe Parry-Romberg Syndrome: From the View of Orthodontist Presenter: Lixia Mao (China) Author(s): Lixia Mao, Ya Cui, Xiaoya He, Min Zhu Institution(s): Department of Oral & Cranio-Maxillofacial Surgery, Shanghai Ninth People's Hospital, College of Stomatology, Shanghai Jiao Tong University School of Medicine, Shanghai, China</p>
1:28 PM	<p>71 The Modified L-Shaped Long-Arm Osteotomy Malarplasty Influences Midfacial Soft Tissue Changes Presenter: Huichuan Duan (China) Author(s): Huichuan Duan, Jie Yuan, Min Wei Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai Ninth People's Hospital, Shanghai JiaoTong University School of Medicine, Shanghai, China</p>
1:32 PM	<p>183 Impact of Orthognathic Surgery on Emotional Expression and Smile Aesthetics in Chinese Patients as Measured by FaceReader: A Before and After Study Presenter: Amanda Shiqi Liu (Taiwan (China)) Author(s): Thanapoom Boonipat, Jason Lin, Sai Cherukuri, Zhi Yang Ng, Eugene Yu-Jen Chen, Chuan-Fong Yao, Amanda Shiqi Liu Institution(s): Chang Gung Memorial Hospital, Taoyuan, Taiwan (China)</p>

1:36 PM	<p>308 Double Jaw Surgery for a Patient with Gnathodiaphyseal Dysplasia (GDD): A Case Report and Literature Review Presenter: Mohamed Elfar (United States) Author(s): Mohamed Elfar, Mary Fanning, Huay-Zong Law Institution(s): International Craniofacial Institute, Dallas, TX, United States</p>
1:40 PM	<p>469 Opioid Prescribing Patterns Following Pediatric Cleft and Craniofacial Surgery: A National Analysis of 16,806 Surgical Encounters Presenter: Adam Fleming (United States) Author(s): Adam Fleming, Ashlie Elver, Laura Humphries, Ian Hoppe Institution(s): University of Mississippi Medical Center, Jackson, MS, United States</p>
1:44 PM	<p>Discussion</p>
2:01 PM	<p>341 Digital Versus Conventional Surgical Guides in Bimaxillary Surgery: A Comparative Study of Precision, Efficiency, and Patient Outcomes Presenter: Yuming Qu (China) Author(s): Yuming Qu, Guoping Wu Institution(s): The Affiliated Friendship Plastic Surgery Hospital of Nanjing Medical University, Nanjing, Jiangsu, China</p>
2:05 PM	<p>186 Development and Evaluation of a Cooperative Robotic System for the Bilateral Sagittal Split Osteotomy Using an In-Plane Motion Constraint Presenter: Pasha Shakoori (United States) Author(s): Katherine Zhu, Jesse Haworth, Manish Sahu, Jacob Hammond, Hisashi Ishida, Adnan Munawar, Edgar Soto, Pasha Shakoori, Robin Yang, Russell Taylor Institution(s): Johns Hopkins University School of Medicine, Baltimore, MD, United States</p>
2:09 PM	<p>322 Where to Place Maxilla Sagittally in Orthognathic Surgical Design of Skeletal Class III Malocclusion? Presenter: Jingyi Li (China) Author(s): Jingyi Li, Anshareding Abulizi, Shanben Jiang, Xin Lv, Qian Zhang, Yuxin Wang Institution(s): Department of Oral and Maxillofacial Trauma Orthognathic Plastic Surgery, Nanjing Stomatological Hospital, Affiliated Hospital of Medical School, Research Institute of Stomatology, Nanjing University, Nanjing, Jiangsu, China</p>
2:13 PM	<p>377 Reshape the Mandibular Angle with the Combination of SSRO Surgery and Gonioplasty Presenter: Min Hou (China) Author(s): Min Hou, Yangyang Lin, Weilong Ye, Mingzhe Wang Institution(s): Tianjin Stomatological Hospital, Tianjin, China</p>
2:17 PM	<p>383 Two-Stage Mandibular Symmetry Improvement after BSSRO: A CBCT Analysis of 60 Consecutive Patients with Asymmetric Prognathism Presenter: Shunchao Yan (China) Author(s): Shunchao Yan, Guoping Wu Institution(s): The Affiliated Friendship Plastic Surgery Hospital of Nanjing Medical University, Nanjing, Jiangsu, China</p>
2:21 PM	<p>436 Modified Paranasal Bone Grafting Reduced Vertical Maxillary Recurrence after Le Fort I Osteotomy Presenter: Lei Zhang (China) Author(s): Lei Zhang Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China</p>

2:25 PM	441 Comprehensive Orthognathic Facialplasty (COFP): A Holistic Strategy for Achieving Balanced Facial Aesthetics and Function Presenter: Takahiro Yamamoto (Japan) Author(s): Takahiro Yamamoto Institution(s): Contour Clinic Tokyo, Tokyo, Japan
2:29 PM	529 Single-Stage Mandibular Curved Osteotomy on Affected Side Combined with Bilateral Outer Cortex Grinding for Correction of Facial Asymmetry: Indications and Outcomes Presenter: Guodong Song (China) Author(s): Guodong Song Institution(s): Plastic Surgery Hospital, CAMS&PUMC, Beijing, China
2:33 PM	19 The Three-Body Problem in Bimaxillary Orthognathic Relapse: A Comprehensive Analysis of Transformation Patterns in Segments and Osteosynthesis Using A Novel Registration Strategy Presenter: Zhewei Chen (China) Author(s): Zhewei Chen, Mats Scheurer, Frederic Bouffleur, Richard Van Zoll, Jennifer Fuchs, Jürgen Hoffmann, Reinald Kühle Institution(s): Plastic Surgery Hospital, Beijing, China
2:37 PM	136 A 6 Year Multicenter NSQIP Study of Perioperative Complications in Pediatric Patients Undergoing Orthognathic Surgery Presenter: Nicole Kurnik (United States) Author(s): Nicole Kurnik, Jacob Koster, Thomas Sitzman, Davinder Singh Institution(s): Phoenix Childrens Hospital, Phoenix, AZ, United States; The University of Arizona College of Medicine, Phoenix, AZ, United States; Mayo Clinic Arizona, Phoenix, AZ, United States
2:41 PM	Discussion
2:54 PM	625 Bangkok Earthquake, Double-Jaw Orthognathic Surgery during the Devastating Situation Presenter: Sarayuth Dumrongwongsiri (Thailand) Author(s): Sarayuth Dumrongwongsiri Institution(s): Mahidol University, Bangkok, Thailand
2:58 PM	107 Segmental Two-Jaw Surgery with Anterior Osteotomy: A Strategic Approach for Functional Correction and Facial Aesthetic Refinement Presenter: Heung Sik Park (Korea) Author(s): Heung Sik Park Institution(s): Seouleaguer BeauCare Hospital, Shanghai, China
3:02 PM	159 Skeletal Stability of Occlusal Plane Rotational Orthognathic Surgery: A Cephalometric Analysis Presenter: Youngchul Kim (Korea, Republic of) Author(s): Youngchul Kim, Jong Woo Choi Institution(s): Asan Medical Center, Seoul, Korea, Republic of
3:06 PM	359 Building and Sustaining a Process for Systematic Collection of Occlusal Photos and Dental Health Evaluations in a Cleft/Craniofacial Orthodontic Practice Presenter: Patricia Beals (United States) Author(s): Patricia Beals, Thomas Sitzman Institution(s): Phoenix Childrens Center for Cleft and Craniofacial Care, Phoenix, AZ, United States

3:10 PM	384 Comparative Efficacy of Two Treatment Strategies for Skeletal Class II Malocclusion with Irreducible Disc Displacement: Minimally Invasive Disc Surgery with Camouflage Orthodontics vs. Conventional Orthognathic-Orthodontic Therapy Presenter: Yingyu Yi (China) Author(s): Zhi Yang, Yingyu Yi Institution(s): Shanghai 9th Hospital, Shanghai, China
3:14 PM	59 The Versatility of Maxillary π-shaped Osteotomy in the Correction of Dentomaxillofacial Deformities Presenter: Tao Wang (China) Author(s): Tao Wang, Yanwu Liu, Wenyang Li, Xiang Gao, Jiang Deng, Chongqing Yu Institution(s): The Affiliated Stomatological Hospital of Chongqing Medical University, Chongqing, Chongqing, China; Liu Dalie DoctorTeam, Guangzhou, Guangdong, China; Hanfei Hospital of Plastic and Cosmetic Surgery, Guangzhou, Guangdong, China
3:18 PM	Discussion

Room: Exhibition 3:30 - 4:00 PM	Coffee Break in Exhibition
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Room: Jing An Grand Ballroom I 4:00 - 6:00 PM	FREE PAPER SESSION 8 – CRANIOFACIAL BASIC SCIENCE Session Chairs: Roman H. Khonsari (France), Michael Alperovich (United States)
4:00 PM	92 Mechanism of HDAC4-Mediated Maxillary Osteoblast Proliferation through Regulation of PCNA Presenter: Shuai Wang (China) Author(s): Shuai Wang, Xiaofeng Wang, Xudong Wang Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai, China
4:04 PM	421 Orbital and Cranial Growth Trends From Infancy Through Adolescence in 1119 Computed Tomography Scans Presenter: Elizabeth Card (United States) Author(s): Elizabeth Card, Nicholas Han, Brandi Golden, Philip Tolley, Isabel Ryan, Allison Hu, Jordan Swanson, Jesse Taylor, Scott Bartlett Institution(s): Children’s Hospital of Philadelphia, Philadelphia, PA, United States
4:08 PM	533 Epas1 Deficiency Exacerbates Hypoxia-Induced Craniofacial Maldevelopment in Zebrafish: Insights into the Genetic Basis of Hemifacial Microsomia Presenter: Zhifeng Li (China) Author(s): Zhifeng Li Institution(s): Plastic Surgery Hospital, Chinese Academy of Medical Sciences, Peking Union Medical College, Beijing, China
4:12 PM	839 Spatial and Temporal Control of Bone Regeneration Using Decellularized Amniotic Membrane with BMP2-Encapsulated Bone-Based Nanoparticles: An Alternative Strategy for Orofacial Cleft Composite Repair Presenter: Kaleb Keener (United States) Author(s): Kaleb Keener, Austin Stellpflug, Bo Wang, Kant Lin, Sameer Shakir Institution(s): Medical College of Wisconsin, Wauwatosa, WI, United States

4:16 PM	<p>73 The Combination of Hydroxyapatite-Based Scaffold and Polydeoxyribonucleotide (PDRN) Promotes Bone Regeneration in Rat Calvaria Critical-Size Defect Model Presenter: Maierdangjiang Wufuer (Korea, Republic of) Author(s): Maierdangjiang Wufuer, Byung Jun Kim, Sungmi Jeon, Jee Hyeok Chung, Sukwha Kim Institution(s): Seoul National University Hospital, Seoul, Korea, Republic of</p>
4:20 PM	<p>155 IGF1R/AMPK Signaling Mediates Osteogenic Differentiation of Cranial Suture Mesenchymal Stem Cells Presenter: Liangliang Kong (China) Author(s): Liangliang Kong, Sheng Chen, Yi Ji, Weimin Shen Institution(s): Children's Hospital of Nanjing Medical University, Nanjing, Jiangsu, China</p>
4:24 PM	<p>269 Mechanism of HDAC4 in Inhibiting Osteoporosis and Promoting Skull Defect Regeneration Presenter: Xiaofeng Wang (China) Author(s): Xiaofeng Wang, Shuai Wang, Xudong Wang Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China</p>
4:28 PM	<p>494 Predictive Modeling of 3D Mandibular Growth – A Statistical Shape Analysis and Validation Study Presenter: Khalid El Ghoul (The Netherlands) Author(s): Khalid El Ghoul, Keghart Krikour, Bram P.P. Roumen, Tareq Abdel-Alim, Gwen G.M. van Heesch, Stephen S.T.H. Tjoa, Koen F.M. Joosten, Bas Pullens, Roman H. Khonsari, Cory M. Resnick, Eppo B. Wolvius Institution(s): Erasmus MC, Rotterdam, The Netherlands</p>
4:32 PM	<p>66 Temperature-Sensitive Mesoporous Polydopamine Hydrogel Loaded with Core Oral Probiotics for Antibacterial and Tissue Repair Treatment of Peri-Implantitis Presenter: Di Yan (China) Author(s): Di Yan, Ze Hui Wang Institution(s): General Hospital of Ningxia Medical University, Yinchuan, NingXia, China</p>
4:36 PM	<p>47 The Surgical Burden of Neurocristopathies: Prevalence, Craniofacial Involvement, and Plastic Surgery Needs Presenter: Bryan Torres (United States) Author(s): Bryan Torres, Caitlin Foster, Shaun Abrams, Laura Kerosuo Institution(s): Neural Crest Development and Disease Unit, National Institute of Dental and Craniofacial Research, National Institute of Health, Bethesda, MD, United States; Tulane University School of Medicine, New Orleans, LA, United States</p>
4:40 PM	<p>245 Characterizing Normal Craniofacial Growth to 18 Years of Age Presenter: Talitha Asmaria (United Kingdom) Author(s): Talitha Asmaria, Ce Liang, Maxime Taverne, Nicolas Kogane, Philip Cox, David Johnson, Susana Dominguez-Gonzalez, Roman Khonsari, Mehran Moazen Institution(s): Department of Mechanical Engineering, University College London, London, United Kingdom; Centre for Biomedical Research, National Research and Innovation Agency (BRIN-Indonesia), Jakarta, Indonesia</p>
4:44 PM	<p>Discussion</p>

4:58 PM	<p>695 NELL-1–Enhanced In Vivo Bioreactors Harness Iliac Marrow-Derived Signals for Bone Regeneration: A Novel Approach for Craniofacial Reconstruction. Presenter: Monica Maria Illescas Ralda (Taiwan (China)) Author(s): Monica Maria Illescas Ralda, Han-Tsung Liao Institution(s): Chang Gung University, Taoyuan, Taoyuan, Taiwan (China)</p>
5:02 PM	<p>718 Quantifying the Role of Synchronoses in Craniofacial Growth: Insights from an FGFR3 Mouse Model Presenter: Nicolas Kogane (France) Author(s): Nicolas Kogane, Émilie Dambroise, Sébastien Laporte, Martin Biosse-Duplan, Maxime Taverne, Mehran Moazen, Roman Hossein Khonsari Institution(s): Laboratory of Genetics of Developmental Disorders, Imagine Institute, Université Paris Cité INSERM-UMR1163, Paris, France; ENSAM, Paris, France</p>
5:06 PM	<p>846 Craniofacial Reconstruction Using Bone-Based Nanoparticles: A Promising Translational Technique Presenter: Sameer Shakir (United States) Author(s): Austin Stellpflug, Kaleb Keener, Bo Wang, Kant Lin, Sameer Shakir Institution(s): Medical College of Wisconsin, Wauwatosa, WI, United States</p>
5:10 PM	<p>192 Chronic Mouth Breathing Induces Multi-Organ Transcriptomic Dysregulation in Growing Rats: A Mechanistic Link to Neurodegeneration and Circadian Disruption Presenter: Xiaoling Wang (China) Author(s): Xi'ao'ling Wang, Sitong Li, Xudong Wang, Min Zhu Institution(s): Department of Oral and Cranio-Maxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China; College of Stomatology, Shanghai Jiao Tong University, Shanghai, China; National Center for Stomatology, National Clinical Research Center for Oral Diseases, Shanghai Key Laboratory of Stomatology, Shanghai, China</p>
5:14 PM	<p>238 Mechanistic Study on M2exo-Biomimetic DNA Tetrahedron-Delivered Melatonin for Modulating Inflammatory Microenvironment to Promote Senescent Jawbone Regeneration Presenter: Shebin Hong (China) Author(s): Shebin Hong, Weihong Xi, Xudong Wang Institution(s): Jiangxi Province Key Laboratory of Oral Biomedicine, The Affiliated Stomatological Hospital, Jiangxi Medical College, Jiangxi Province Clinical Research Center for Oral Diseases, Nanchang University, Nanchang, China</p>
5:18 PM	<p>242 Relating Postnatal Craniofacial Growth in Mouse, Pig and Human Presenter: Ce Liang (United Kingdom) Author(s): Ce Liang, Antonio Profico, Erwin Pauws, Roman Hossein Khonsari, Zi-Jun Liu, Katherine L. Rafferty, SUnited States W. Herring, Paul O'Higgins, Mehran Moazen Institution(s): Department of Mechanical Engineering, University College London, London, United Kingdom</p>
5:22 PM	<p>323 Spatiotemporal Multi-Omics Atlas of Temporomandibular Joint Development in Mouse Embryos Presenter: Ziqian Wang (China) Author(s): Ziqian Wang, Haohan Li, Xianni Yang, Han Fang, Yanjing Zhan, Jingwen Qiu, Ruiye Bi, Songsong Zhu Institution(s): State Key Laboratory of Oral Diseases & National Center for Stomatology & National Clinical Research Center for Oral Diseases, Department of Orthognathic and TMJ Surgery; West China Hospital of Stomatology; Sichuan University, Chengdu, Sichuan, China</p>

5:26 PM	459 Assessment of Orbital Growth Parameters in a Healthy Caucasian Paediatric Population Based on CT-Scan Measurements Presenter: Anne Morice Aertgeerts (France) Author(s): Mathilde Pech de Laclause, Boris LAURE, Anne Morice Aertgeerts Institution(s): CHRU de Tours, Tours, Loire Valley, France
5:30 PM	606 Distraction Force Promotes the Osteogenic Differentiation of Gli1+ Cells in Facial Sutures via Primary Cilia-Mediated Hedgehog Signaling Pathway Presenter: Mengying Jin (China) Author(s): Mengying Jin, Yang An, Zheng Wang, Guanhuier Wang, Zhiyu Lin, Pengbing Ding, Enhang Lu, Zhenmin Zhao, Hongsen Bi Institution(s): Peking University Third Hospital, Beijing, China
5:34 PM	213 Accuracy of Patient-Specific Implants in Midfacial Surgery of Patients with Craniofacial Anomalies Presenter: Eppo Wolvius (The Netherlands) Author(s): Eppo Wolvius, Bram Roumen, Bart Cornelissen Institution(s): Erasmus MC, Rotterdam, The Netherlands
5:38 PM	Discussion

Room: Jing An Grand Ballroom II 4:00 - 4:30 PM	FREE PAPER SESSION 9B – MAXILLOFACIAL AND ORTHODONTIC ASPECTS OF CRANIOFACIAL SURGERY Session Chairs: Xudong Wang (China), Kristen M. Lowe (United States)
4:00 PM	700 An Innovative Technique in Symmetrical and Aesthetical Optimization for Severe Mandibular Asymmetrical Deformity Secondary to Condylar Osteochondroma: Side-Switch Autogenous Inferior Marginal Bone Graft Presenter: Junzi Ying Wang (China) Author(s): Junzi Ying Wang, Jingshuang Yu, Xudong Wang Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China; Orthodontics Center, Shanghai Taikang Bybo Dental Hospital, Shanghai, China
4:04 PM	727 Orthodontic Sequence Treatment for Hemifacial Microsomia before Adulthood Presenter: Min Zhu (China) Author(s): Min Zhu, Xudong Wang Institution(s): Department of Oral Craniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Medical School, Shanghai Jiaotong University, Shanghai, China
4:08 PM	768 Quantification of Skeletal Paranasal Asymmetry in Patients with Unilateral Cleft Lip and Palate Presenter: Daniel Richmond (United States) Author(s): Daniel Richmond, Leya Groysman, Matteo Laspro, Roberto Flores, David Staffenberg, Pradip Shetye Institution(s): Hansjörg Wyss Department of Plastic Surgery, NYU Langone Health, New York, NY, United States

4:12 PM	831 Application of Aesthetic-Oriented Treatment Concepts in Orthognathic Surgery for Correction of Skeletal Maxillary Protrusion Presenter: Liufang Qian (China) Author(s): Shuguang Liu, Liufang Qian, Huixi Zhou, Jingpeng Liu, Xinwei Zuo, Hongjin Chen Institution(s): Stomatology Hospital of Southern Medical University, Guangzhou, China
4:16 PM	Discussion

Room: Jing An Grand Ballroom II 4:30 - 6:00 PM	FREE PAPER SESSION 1C – NON-SYNDROMIC CRANIOSYNOSTOSIS Session Chairs: Davinder Singh (United States), Weimin Shen (China)
4:30 PM	515 Posterior Cranial Vault Remodeling vs Spring-Mediated Remodeling for Sagittal Synostosis: An Outcome Analysis of 377 Patients Presenter: Jordan Swanson (United States) Author(s): Allison Hu, Brandi Golden, Philip Tolley, Nicholas Han, Isabel Ryan, Scott Bartlett, Jesse Taylor, Jordan Swanson, Aaron Zhao Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States
4:34 PM	524 Correlation Between a Traffic Light System for Clinical Assessment of Scaphocephaly Severity Compared to a Computerised Morphometric Model Presenter: Martin Van Carlen (United Kingdom) Author(s): Martin Van Carlen, Wuyang Shui, Luci Russell, Jane England, Anusha Henedige, Ajay Sinha, David Richardson, Chris Parks, Christian Duncan Institution(s): Alder Hey Childrens Hospital, Liverpool, United Kingdom
4:38 PM	530 A Novel Endoscopic Modified H-Plasty for the Treatment of Sagittal Craniosynostosis Presenter: Jessica Blum (United States) Author(s): Jessica Blum, Aidan O'Shea, Emily Zona, Bermans Iskandar, Catharine Garland, Daniel Cho Institution(s): University of Wisconsin Madison, Madison, WI, United States
4:42 PM	590 Spring-Assisted Correction of Unicoronal Craniosynostosis: Technical Description and Early Experience Presenter: Sarah Versnel (The Netherlands) Author(s): Sarah Versnel, Marie-Lise van Veelen, Mieke Pleumeekers, Spoor Jochem, Irene Mathijssen Institution(s): Erasmus MC, Rotterdam, The Netherlands
4:46 PM	731 Neurological Outcomes in Patients with Unilateral Coronal Craniosynostosis: A Matched Cohort Study Presenter: Victoria Kong (United States) Author(s): Yizhuo Shen, Samira Glaeser-Khan, Chi Ya Yang, Omar Allam, Paula Flores Perez, Melanie Vassallo, Andrew Salib, Victoria Kong, Jake Moscarelli, David Colen, Michael Alperovich Institution(s): Yale School of Medicine, New Haven, CT, United States

4:50 PM	<p>752 Shape and Cranial Volume Maintenance after Fronto-Orbital Advancement for Metopic Synostosis Presenter: Craig Birgfeld (United States) Author(s): Dorsa Toghani, Ezgi Mercan, Craig Birgfeld, Amy Lee, Richard Ellenbogen, Richard Hopper, Srinivas Susarla Institution(s): University of Washington, Seattle, WA, United States</p>
4:54 PM	<p>26 Endoscopic Spring Mediated Cranioplasty for Management of Coronal Craniosynostosis Presenter: Robin Wu (United States) Author(s): Robin Wu, Ruth Tevlin, Elizabeth Cox, Charlotte Berry, Robert Menard Institution(s): Stanford University, Stanford, California, United States</p>
4:58 PM	<p>769 Co-Incidence and Morphology of Deformational Plagiocephaly with Metopic Craniosynostosis Presenter: Hyok Jun Kwon (United States) Author(s): Hyok Jun Kwon, Dorsa Toghani, Ezgi Mercan, Amy Lee, Richard Ellenbogen, Richard Hopper, Srinivas Susarla, Craig Birgfeld Institution(s): Division of Plastic Surgery, Department of Surgery, Seattle, WA, United States; Craniofacial Center, Seattle Children's Hospital, Seattle, WA, United States</p>
5:02 PM	<p>29 Assessing Medical Student Attentional Bias in Unicoronal Craniosynostosis: An Eye-Tracking Study Presenter: Ernest Chan (Canada) Author(s): Ernest Chan, Paul Hong, Michael Bezuhly Institution(s): Faculty of Medicine, Dalhousie University, Halifax, NS, Canada</p>
5:06 PM	<p>218 A Novel Phenotype of Calvarial Thickening and Increased Rates of Premature Calvarial Suture Closure in Children with Chronic Lung Disease Presenter: Zachary Zapatero (United States) Author(s): Zachary Zapatero, Huayan Zhang, Alireza Zandifar, Kathleen Nilan, Andrew Calabria, Jordan Swanson, Arastoo Vossough, Jesse Taylor, Shih-Shan Lang, Scott Bartlett Institution(s): Division of Plastic and Reconstructive Surgery, The Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>
5:10 PM	<p>311 Equivalent Neurodevelopmental Outcomes in Sagittal Craniosynostosis (SCS) Patients Treated with Endoscopic Strip-Craniectomy (ESC) versus Open Calvarial-Vault Remodeling (CVR) Presenter: Maria Valentina Suarez-Nieto (United States) Author(s): Robin Wu, Maria Valentina Suarez-Nieto, Aura Sofia Eguizabal, Payton Grande, Kevin Yang, Cormac Maher, Laura Prolo, Kelly Mahaney, Rohit Khosla, H. Peter Lorenz Institution(s): Stanford University, Palo Alto, CA, United States</p>
5:14 PM	<p>477 Decreased Incidence of Intraoperative Blood Transfusion in Endoscopic Strip Craniectomy Performed Using a Diamond Burr Drill Bit Presenter: Catharine Garland (United States) Author(s): Catharine Garland, Aiden O'Shea, Keenan Fine, Emily Zona, Jessica Blum, Joyce Koueik, Bermans Iskandar, Daniel Cho Institution(s): University of Wisconsin, Madison, WI, United States</p>

5:18 PM	<p>502 Incidence of Persistent Metopic Suture in Thailand Presenter: Nattanit Pongjantaradej (Thailand) Author(s): Sarut Chaisrisawadisuk, Nattanit Pongjantaradej, Kuljira Matwatthanakit, Chanon Ngamsombat, Sirilug Charernsook Institution(s): Siriraj Hospital, Bangkok, Thailand</p>
5:22 PM	<p>537 The Incidence and Risk Factors of Secondary Craniosynostosis Presenter: Songchunyan Zhang (China) Author(s): Songchunyan Zhang, Chenbin Dong Institution(s): Children's Hospital of Fudan University, Shanghai, China</p>
5:26 PM	<p>591 External Spring Distraction Osteogenesis with Absorbable Plates as External Spring Fixation Points was Performed Under the Guidance of Endoscopy to Treat Premature Closure of Sagittal Cranial Sutures in Infants and Young Children Presenter: Weimin Shen (China) Author(s): Weimin Shen Institution(s): Department of Burn And Plastic Surgery, Children's Hospital of Nanjing Medical University, Nanjing, China</p>
5:30 PM	<p>Discussion</p>
Jing An Grand Ballroom I+II 7:00 PM	<p>Gala-Dinner Tickets required</p>

Thursday, October 30, 2025

Scientific Program

Room:
Jing An Grand
Ballroom III

POSTER SESSION (see page 81)

Open for viewing from first Coffee Break to last session.
Poster presentations will take place during Lunch Break.

Room: Jing An Grand
Ballroom I
8:30 - 10:30 AM

**FREE PAPER SESSION 10A –
CRANIO-MAXILLOFACIAL TRAUMA**

Session Chairs: Jordan Swanson (United States), Zhilin Guo (China),
Dong Yeon Kim (Korea, Republic of)

8:30 AM

564 Disparities in Facial Trauma: A Systematic Review and Retrospective Analysis

Presenter: Shelby Nathan (United States)
Author(s): Shelby Nathan, Rebeka Dejenie, Maeson Zietowski, Marlynn Lopez, Kanad Ghosh, Russell Reid
Institution(s): University of Chicago, Chicago, IL, United States

8:38 AM

299 The Repair of Orbital Blowout Fractures with Endoscopy-Assisted – My Experience

Presenter: Xinhai Ye (China)
Author(s): Xinhai Ye, Jincao Yu
Institution(s): Eye & ENT Hospital of Fudan University, Shanghai, China

8:42 AM

489 Preliminary Application of Mixed Reality-Based Surgical Navigation System in Craniomaxillofacial Trauma

Presenter: Jinyang Wu (China)
Author(s): Jinyang Wu, Shilei Zhang
Institution(s): Department of Oral and Cranio-maxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine; College of Stomatology, Shanghai Jiao Tong University; National Center for Stomatology; National Clinical Research Center for Oral Diseases; Shanghai Key Laboratory of Stomatology, Shanghai, China

8:46 AM

526 A Modified Method to Reduce Zygomatic Arch Fracture Precisely with Preauricular Sideburn Incision

Presenter: Jianfei Zhang (China)
Author(s): Jianfei Zhang
Institution(s): Department of Oral and Cranio-maxillofacial Surgery, Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, National Clinical Research Center for Oral Diseases, Shanghai, China

8:50 AM

636 Comparison of the Orbital Volume Changes in 2- vs 3-point Fixation of Isolated Unilateral Zygomaticomaxillary Complex Fractures

Presenter: Nur Ereğ (Turkiye)
Author(s): Nur Ereğ, Umran Esen, Guven Ozan Kaplan, Murat Kara, Ayca Akgöz Karaosmanoğlu, Mert Calis
Institution(s): Hacettepe University, Ankara, Turkiye

8:54 AM

178 Optic Nerve Canal Decompression for Optic Nerve Lesion Following Craniofacial Injury: The Significant of Optic Nerve Sheath Divided

Presenter: Zhilin Guo (China)
Author(s): Zhilin Guo
Institution(s): The 9th People's Hospital of Shanghai, Shanghai, China

8:58 AM

289 Comparative Analysis of Closed Percutaneous Screw Reduction and Open Reduction with Internal Fixation for Frontal Sinus Fractures

Presenter: Guven Ozan Kaplan (Turkiye)
Author(s): Guven Ozan Kaplan, Kutluhan Yusuf Kucuk, Murat Kara, Mert Calis, Gokhan Tuncbilek
Institution(s): Hacettepe University, Ankara, Turkiye

9:02 AM

63 A Risk Calculator for Predicting Enophthalmos Following Orbital Fracture Repair

Presenter: Michael Grant (United States)
Author(s): Michael Grant, Bashar Hassan, Danielle Sim, Taylor Kolosky, Ferris Zeitouni, Seray Er, Rena Hassan, Richard Redett, Robin Yang, Paul Manson
Institution(s): R Adams Cowley Shock Trauma Center, Baltimore, MD, United States

9:06 AM

Discussion

9:14 AM

51 Development and Evaluation of Novel Interlocking Three-Dimensional Plate 2.0 System for Managing Mandibular Fractures

Presenter: Prasetyanugraheni Kreshanti (Indonesia)
Author(s): Prasetyanugraheni Kreshanti, Deni Noviana, Bambang Pontjo Priosoeryanto, Aria Kekalih, Ahmad Jabir Rahyussalim, Sugeng Supriadi, Mendy Juniaty Hatibie, Chaula Luthfia Sukasah
Institution(s): Division of Plastic Reconstructive and Aesthetic Surgery, Department of Surgery, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia

9:18 AM

265 Indications for Emergency Surgery in Pediatric Orbital Floor Fractures: Orbital Content Entrapment and Computed Tomography Findings

Presenter: Chunyan Zhao (Japan)
Author(s): Chunyan Zhao, Masanobu Yamashita, Akiko Yamashita, Miyuki Kishibe, Kenichi Shimada
Institution(s): JA Toyama Kouseiren Takaoka Hospital, Takaoka, Toyama, Japan; Kanazawa Medical University, Kanazawa, Ishikawa, Japan

9:22 AM

331 Multidisciplinary Team (MDT) Approach in Aesthetic-Functional Reconstruction of Craniomaxillofacial Emergency Traumatic Fractures

Presenter: Hongsen Bi (China)
Author(s): Hongsen Bi, Chen Zhang, Peiyang Zhang, Baicheng Wang
Institution(s): Department of Plastic Surgery, Peking University Third Hospital, Beijing, China

9:26 AM

398 Evaluation of Single Monocortical Miniplate Fixation in the Treatment of Mandibular Angle Fractures

Presenter: Yusuf Irmak (Turkiye)
Author(s): Yusuf Irmak, Güven Ozan Kaplan, Hilal Güneş, Ayça Akgöz Karaosmanoğlu, Ahmet Yasir Altunbulak, Ersoy Konaş, Muniip Gökhan Tunçbilek, Mert Çalış
Institution(s): Hacettepe University Faculty of Medicine Plastic Reconstructive and Aesthetic Surgery Department, Ankara, Turkiye

9:30 AM	760 Breed-Specific Risk Factors and Clinical Outcomes in Pediatric Head and Neck Dog Bite Injuries: A 14-year Retrospective Analysis Presenter: David Febre-Alemañy (United States) Author(s): Liara S. Ortiz-Ocasio, Danny Chamaa, Sumayyah Javed, David Febre-Alemañy, Athena Zhang, Theodore Hyman, Md Sohel Rana, Esperanza Mantilla-Rivas, Albert Oh, Gary Rogers Institution(s): Division of Plastic and Reconstructive Surgery, Children's National Hospital, Washington, DC, United States
9:34 AM	62 Referral Gaps and Risk Factors for Long-Term Headaches in Patients with Craniofacial Fractures Presenter: Sashank Reddy (United States) Author(s): Michael Grant, Bashar Hassan, Grishma Patel, Eric Resnick, Seray Er, Jeison De Guzman, Apanjit Sahi, Nawal Shams, Sashank Reddy Institution(s): R Adams Cowley Shock Trauma Center, Baltimore, MD, United States
9:38 AM	279 3D-Printed PCL/-TCP Scaffolds versus Bio-Oss in Maxillofacial Reconstruction: A Prospective Randomized Controlled Trial Presenter: Xianxian Yang (China) Author(s): Xianxian Yang, Xi Yang, Jianxin Hu, Haisong Xu, Xiongzheng Mu Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai 9th People's Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China
9:42 AM	233 Conservative Management of Mandibular Fractures in Pediatric Patients During the Growing Phase with Splint Fiber and Ligature Arch Wire Presenter: Lifeng Li (China) Author(s): Lifeng Li, Xiaoyi Hu Institution(s): Department of Cranio-Maxillofacial Trauma and Plastic Surgery, College of Stomatology, Xi'an Jiaotong University, Xi'an, Shaanxi, China
9:46 AM	Discussion
9:58 AM	325 Titanium Mesh vs. Poly-Caprolactone/Tricalcium Phosphate (PCL/TCP) Implant in Orbital Fracture Reconstruction: Long Term Follow-Up Presenter: Thiam Chye Lim (Singapore) Author(s): Thiam Chye Lim Institution(s): National University of Singapore, Singapore, Division of Plastic, Reconstructive & Aesthetic Surgery, National University Health Systems, Singapore
10:02 AM	427 A Computed Tomography Analysis of Factors Impacting Inferior Rectus Muscle Rounding in Isolated Fractures of the Orbital Floor Presenter: Shawn Dodd (Canada) Author(s): Shawn Dodd, Ralph Hsaio, Alexander Platt, Emilie Robertson, Curtis Budden, Gorman Louie Institution(s): University of Alberta, Edmonton, Alberta, Canada
10:06 AM	291 Retrospective Study of Surgical Navigation and Screw-Track Transfer Guide Plate in Treating Orbital Zygomatic Trauma Presenter: Jie Yuan (China) Author(s): Jie Yuan, Min Wei, Huichuan Duan Institution(s): Shanghai 9th People's Hospital, Shanghai, China
10:10 AM	Discussion

Room: Jing An Grand Ballroom II 8:30 - 10:30 AM	FREE PAPER SESSION 11 – ARTIFICIAL INTELLIGENCE, AUGMENTED REALITY, VIRTUAL REALITY Session Chairs: Rongmin Baek (Korea, Republic of), Xiongzheng Mu (China)
8:30 AM	370 Personalized Prediction of Pre- and Post-Surgical Development of Patients with Craniosynostosis using Transformer Neural Networks Presenter: Antonio R. Porras (United States) Author(s): Connor Elkhill, Ines A. Cruz-Guerrero, David Khechoyan, Phuong Nguyen, Brooke French, Antonio R. Porras Institution(s): Colorado School of Public Health, Aurora, CO, United States
8:34 AM	113 Integrating Photogrammetry with Mixed Reality Platforms for Intraoperative Feedback during Cranial Vault Remodeling Presenter: Benjamin Massenburg (United States) Author(s): Kiefer Forseth, Michael Brandel, Julia Schmidt, Alexander Khalessi, Benjamin Massenburg, Michael Levy, Amanda Gosman Institution(s): University of California San Diego School of Medicine, La Jolla, CA, United States
8:38 AM	118 Automatic Identification of Hard and Soft Tissue Landmarks in Cone-Beam Computed Tomography via Deep Learning with Diversity Datasets: A Methodological Study and its Clinical Validity Presenter: Yan Jiang (China) Author(s): Yan Jiang, Canyang Jiang, Bin Shi, You Wu, Jing Zhai, Shuli Xing, Jianping Huang, Li Huang, Lisong Lin Institution(s): Department of Stomatology, the First Affiliated Hospital of Fujian Medical University, Fuzhou, Fujian, China
8:42 AM	147 AIDY (Application of Artificial Intelligence to Dysmorphology): A New Smartphone Application for Automatic Detection of Genetic Syndromes on 2D Photographs Presenter: Quentin Hennocq (France) Author(s): Quentin Hennocq, Olivier Lienhard, Ludovic Bénichou, Ahmed Zaiter, Nicolas Garcelon, Roman Khonsari Institution(s): Necker Hospital, Paris, France; Imagine Institute, Paris, France
8:46 AM	551 Robot-Assisted Osteotomy and Reposition System for Craniomaxillofacial Surgery: A Preclinical Study Presenter: Haoliang Chen (China) Author(s): Haoliang Chen, Xinyu Liu, Bimeng Jie, Chunheng Lu, Junchen Wang, Yang He, Yi Zhang Institution(s): Peking University School and Hospital of Stomatology, Beijing, China
8:50 AM	56 Morphological Severity and Outcomes in Isolated Metopic Craniosynostosis: Associations with Genetic, Perioperative, and Comorbidity Factors Presenter: Janina Kueper (United States) Author(s): Janina Kueper, Wenzheng Tao, Mary Wilding, Viraj Govani, Tobi Somorin, Jake Wagoner, Nawazish Khan, Krithika Iyer, Shireen Elhabian, Jesse Goldstein Institution(s): University of Pittsburgh, Pittsburgh, PA, United States

8:54 AM	172 Application of Implant Robots in Functional Reconstruction After Mandibular Defects: A 5-Year Randomized Controlled Trial Presenter: Wei Fang (China) Author(s): Wei Fang Institution(s): School of Stomatology, Air Force Medical University, Xian, Shaanxi, China
8:58 AM	247 Research on the Accuracy of Multi-Dimensional Dynamic Navigation Based on MR in Genioplasty Presenter: Yangyang Lin (China) Author(s): Yangyang Lin, Luqian Bin, Mingzhe Wang, Weilong Ye, Min Hou, Jian Zhang Institution(s): Department of Oral and Maxillofacial Surgery, Stomatology Hospital of Tianjin Medical University, Tianjin, China; Department of Orthognathic Surgery, Tianjin Stomatological Hospital, School of Medicine, Nankai University, Tianjin, China
9:02 AM	492 The Use of Artificial Intelligence in the Planning of Orthognathic Surgery: Prospective 'Man versus Machine' Validation of a Prototype for Automated Surgical Planning Presenter: Herman Junior Vercruyse (Belgium) Author(s): Herman Junior Vercruyse, Elke Van De Castele Institution(s): University Hospital of Antwerp, Antwerp, Belgium
9:06 AM	558 Evolution Of the Use of Virtual Reality in Surgery: A 1472-Procedure Experience Over 5 Years Presenter: Chad Purnell (United States) Author(s): Kelsey Green, Megan Perez, Izabela Stankiewicz, Tanvi Ghosh, Shireen Damle, Bryan Lopez, Malory Alexis, Naji Zeid, David Morris, Lee Alkureishi, Chad Purnell Institution(s): Department of Surgery, The Craniofacial Center, Division of Plastic, Cosmetic, and Reconstructive Surgery, The University of Illinois, Chicago, IL, United States
9:10 AM	315 Diagnostic Value of Artificial Intelligence in Identification of Facial Fractures Based on CT-Scan Images Presenter: Margareth Ingrid Anggraeni (Indonesia) Author(s): Margareth Ingrid Anggraeni, Prasetyanugraheni Kreshanti, Vika Tania, Muhammad Febrian Rachmadi, Aria Kekalih, Reyhan Eddy Yunus, Kevin Gunawan Institution(s): Cleft and Craniofacial Center, Dr. Cipto Mangunkusumo Hospital, Jakarta, Indonesia; Plastic Surgery Division, Department of Surgery, Dr. Cipto Mangunkusumo Hospital, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia
9:14 AM	330 Mixed Reality in Craniofacial Reconstruction Presenter: Kwan Yi Yap (Singapore) Author(s): Kwan Yi Yap, Elijah Zhengyang Cai, Chance Goh, Priya Tiwari, Janet Hung, Jing Tzer Lee, O-Wern Low, Vigneswaran Nallathamby, Yan Lin Yap, Gangadhara Sundar, Jane Lim, Roland Lim, Wilson Lu, Yujia Gao, Kee Yuan Ngiam, Catherine Lee, Thiam Chye Lim Institution(s): Division of Plastic, Reconstructive & Aesthetic Surgery, National University Hospital, Singapore
9:18 AM	596 Multimodal Imaging Fusion for Predicting Postoperative Morphology in Chin Augmentation with Patient-Specific PEEK Prostheses Presenter: Ce Zhang (China) Author(s): Ce Zhang Institution(s): Zhejiang Provincial People's Hospital, Hangzhou, Zhejiang, China
9:22 AM	Discussion

9:34 AM	355 Craniofacial Surgery Redefined: Machine Learning as the Catalyst for Precision, Automation, and Human-AI Synergy Presenter: Ziyang Guo (China) Author(s): Ziyang Guo, Li Teng Institution(s): Plastic Surgery Hospital, Chinese Academy of Medical Sciences, Peking Union Medical College, Beijing, China
9:42 AM	356 Establishment and Application of the Lower Eyelid Assessment Based on 3D Facial Images Presenter: Yarong Chi (China) Author(s): Yarong Chi, Nanze Yu, Xiao Long Institution(s): Department of Plastic and Reconstructive Surgery, Peking Union Medical College Hospital, Beijing, China
9:46 AM	671 Deep Learning for Automated Ventricle Segmentation in Craniosynostosis: Overcoming Small Datasets and Anatomical Variability Presenter: Diede Wijnbergen (The Netherlands) Author(s): Diede Wijnbergen, Henri Vrooman, Marie-Lise van Veelen, Giovanna Paternoster, Roman Khonsari, Irene Mathijssen Institution(s): Erasmus MC, Rotterdam, The Netherlands
9:50 AM	776 Development of a Generative Deep Learning Algorithm to Guide Craniofacial Defective or Malformed Bone Correction Presenter: Giovanni Badiali (Italy) Author(s): Giovanni Badiali, Mirko Bevini, Stefano Mazzocchetti, Laura Cerenelli, Emanuela Marcelli, Giuseppe Lisanti, Samuele Salti, Achille Tarsitano, Luigi Di Stefano Institution(s): University of Bologna, Bologna, Italy; Maxillofacial Surgery Unit - IRCCS Azienda Ospedaliero-Universitaria di Bologna, Bologna, Italy
9:54 AM	823 From Helmet to Outcome: Machine Learning Prediction of Cranial Remodeling in 6,694 Infants Presenter: Jay G Berry (United States) Author(s): Jay G Berry, Krystof Stanek, James H Wynne, Isabel Stringfellow, Daniel M Balkin Institution(s): Complex Care, Division of General Pediatrics, Department of Pediatrics, Boston Children's Hospital, Boston, MA, United States; Harvard Medical School, Boston, MA, United States
9:58 AM	849 Overcoming Depth-Perception Limitations in Augmented Reality-Guided Craniotomies with a Tool-Tracked Workflow Presenter: Jeffrey Potts (United States) Author(s): Alexander Marston, E. Brandon Strong, Marc Fischer, Gabriel Urreola, Jeffrey Potts, Craig Senders, Andrew Hernandez, E. Bradley Strong, Christian El Amm, Julia Sharma Institution(s): University of California, Davis, Sacramento, CA, United States
10:02 AM	278 Evaluation of a Facial Dysmorphology Analysis Algorithm (Face2Gene) in Identifying Treacher Collins Syndrome Among Diverse Population Presenter: Timothy Sng (Singapore) Author(s): Timothy Sng, Jonas Hue Institution(s): National University of Singapore, Singapore
10:06 AM	305 AI-Driven Deformable Cranial Modeling for Precision Surgery Planning and Reconstruction Presenter: Yuying Cui (China) Author(s): Yuying Cui Institution(s): The First Affiliated Hospital of Zhengzhou University, Zhengzhou, China

10:10 AM **343 New Productive Force: The Preliminary Report of First Craniofacial Surgical Robot IST Multicenter Clinical Trial in China**
Presenter: Li Lin (China)
Author(s): Li Lin
Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai 9th People's Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China

10:14 AM **Discussion**

Room: Exhibition
10:30 - 11:00 PM **Coffee Break in Exhibition**

Room: Jing An Grand Ballroom I
11:00 AM - 12:00 PM **FREE PAPER SESSION 10B – CRANIO-MAXILLOFACIAL TRAUMA**
Session Chairs: Prasetyanugraheni Kreshanti (Indonesia), Xiangdong Qi (China)

11:00 AM **723 Evaluation of Airway Management Techniques in Complex Craniomaxillofacial Fracture Surgery: Retromolar, Submental, and Tracheostomy Intubation Approaches**
Presenter: Wenbin Zhang (China)
Author(s): Wenbin Zhang, Jianfei Zhang
Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China

11:08 AM **581 Comparative Study of Intraoperative CT and Surgical Navigation System in the Surgical Treatment of Unilateral Zygomatic Complex Fractures**
Presenter: Dongyang Ma (China)
Author(s): Dongyang Ma
Institution(s): The 940th Hospital of PLA, Lanzhou, Gansu, China

11:12 AM **428 Beyond the Bite: Parent and Caretaker Perspectives on Mental Health Support and Preventative Measures After Pediatric Dog Bite Injuries**
Presenter: Xinfei Miao (United States)
Author(s): Xinfei Miao, Karlos Manzanarez Felix, Avril Stulginski, Lana Mamoun, Jonathan Picos, Leonardo Alaniz, Raj Vyas, Miles Pfaff
Institution(s): Children's Hospital of Orange County, Orange, CA, United States; University of California Irvine, Plastic Surgery Department, Orange, CA, United States

11:16 AM **555 Surgical Treatment of Mandibular Fractures in the Growing Child Following Traffic Accidents: A 6-Year Experience with Functional and Aesthetic Outcomes**
Presenter: Thi Ngoc Linh Do (Vietnam)
Author(s): Thi Ngoc Linh Do, Hong Quan Duong, Thi Thu Hang Nguyen, Ngoc Van Tran, Hong Ha Nguyen
Institution(s): Viet Duc University Hospital, Ha Noi, Vietnam

11:20 AM **528 Application of Absorbable Internal Fixation System in Surgery for Condylar Head Fractures**
Presenter: Ran Zhang (China)
Author(s): Ran Zhang, Mingliang Yang
Institution(s): Stomatology Hospital of China Medical University, Shenyang, China

11:24 AM **546 Evaluating the Prognostic Role of Total Comminution Score in ZMC Fractures Treated with ORIF: A 4-Year Retrospective Study from Indonesia**
Presenter: Jane Angela Kalangi (Indonesia)
Author(s): Jane Angela Kalangi, Kristaninta Bangun, Vika Tania
Institution(s): Plastic Reconstructive and Aesthetic Surgery Department, Cipto Mangunkusumo Hospital, Jakarta, Indonesia

11:28 AM **687 Computer-Assisted Soft Tissue Three-Dimensional Measurement and Reconstruction Apply to Correct the Orbital Floor Fractures**
Presenter: Jinchao Yu (China)
Author(s): Jinchao Yu, Xinhai Ye
Institution(s): Eye & ENT Hospital of Fudan University, Shanghai, China

11:32 AM **686 Key Technologies for the Treatment of Maxillofacial Trauma**
Presenter: Xiangdong Qi (China)
Author(s): Xiangdong Qi
Institution(s): Zhujiang Hospital, Guangzhou, China

11:36 AM **741 Maxillofacial Fractures in Pediatric Patients: Orbital Trauma & The Biomechanical Link to Cervical Spine Injuries**
Presenter: Meryem Guler (United States)
Author(s): Meryem Guler, Valeria Mejia, Melanie Bakovic, Asli Pekcan, Raina Patel, Alyssa Valenti, William Magee, Mark Urata, Jeffrey Hammoudeh, Rachel Donaldson
Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States

11:40 AM **Discussion**

Room: Jing An Grand Ballroom II
11:00 AM - 12:00 PM **FREE PAPER SESSION 13 – CLEFT LIP AND PALATE – COMPLICATED OR SECONDARY PROBLEMS**
Session Chairs: Ming Cai (China), Hideaki Kamochi (Japan)

11:00 AM **396 Comparison of Bone Quality Among Orthognathic Surgery Patients with Cleft Lip and Palate, Non-Cleft Patients, and the Normal Population**
Presenter: Mert Çaliş (Turkiye)
Author(s): Mert Çaliş, Yusuf Irmak, Güven Ozan Kaplan, Elif Günay Bulu
Institution(s): Hacettepe University Faculty of Medicine Plastic Reconstructive and Aesthetic Surgery Department, Ankara, Turkiye

11:04 AM **478 Multicenter Study: CLEFT-Q Appearance Outcomes at the End of Treatment for Patients with a Cleft Lip and/or Palate**
Presenter: Isabelle Siegert (The Netherlands)
Author(s): Isabelle Siegert, Philip van der Goes, Aebele Mink van der Molen, Sarah Versnel, Emma Paes, Esther van Oers-Hazelzet
Institution(s): Erasmus Medical Center, Rotterdam, The Netherlands; University Medical Center Utrecht, Utrecht, The Netherlands

11:08 AM **160 Risk Factors for Post-Orthognathic Velopharyngeal Insufficiency in Non-Syndromic Cleft Palate Patients**
Presenter: Meryem Guler (United States)
Author(s): Raina Patel, Asli Pekcan, Valeria Mejia, Melanie Bakovic, Caroline Kreh, Marvee Turk, Pasha Shakoori, William Magee, Mark Urata, Jeffrey Hammoudeh, Meryem Guler
Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States

11:12 AM	618 AI-Driven Surgical Planning and Augmented Reality Navigation for Perpendicular Plate Resection in Asian Cleft Rhinoplasty: A Feasibility Study Presenter: Yang An (China) Author(s): Yang An, Mengying Jin Institution(s): Peking University Third Hospital, Beijing, China
11:16 AM	443 Streamline of Digitalized Anterior Segmental Maxillary Distraction Osteogenesis on Skeletal Class III Malocclusion Patients Secondary to Cleft Lip and Palate Presenter: Huilin Wang (China) Author(s): Huilin Wang, Ming Cai Institution(s): Shanghai Ninth People's Hospital, Shanghai, China
11:20 AM	45 Alar Base Symmetry in Orthognathic Surgery: Patients with Unilateral Cleft Presenter: Sotatsu Fukuyama (Japan) Author(s): Sotatsu Fukuyama, Yuzo Komuro, Lun-Jou Lo Institution(s): Teikyo University Hospital, Itabashi, Tokyo, Japan; Chang Gung Memorial Hospital, Taoyuan, Taipei, Taiwan
11:24 AM	74 Incidence of Oronasal Fistula after LeFort I Osteotomy in Patients with History of Cleft Palate Presenter: Davinder Singh (United States) Author(s): Davinder Singh, Trey Watmore, Alma Jukic, Nicole Kurnik, Jard Gilliland, Jessica Chee-Williams Institution(s): Phoenix Children's Hospital, Phoenix, AZ, United States; Mayo Clinic, Phoenix, AZ, United States; University of Arizona School of Medicine, Phoenix, AZ, United States
11:28 AM	692 Timing and Outcomes of Cleft Palate Repair in Patients with Pierre-Robin Sequence Presenter: Olushola Olorunnipa (United States) Author(s): Josephine Schmidt, Vamsi Mohan, Adaya Rosenthal-Green, Olushola Olorunnipa Institution(s): Division of Plastic Surgery, Michael E. DeBakey Department of Surgery, Baylor College of Medicine, Houston, TX, United States; Division of Plastic Surgery, Department of Surgery, Texas Children's Hospital, Houston, TX, United States
11:32 AM	Modiolus-Based Dynamic Reconstruction for Transverse Facial Cleft: A Retrospective Cohort Study Presenter: Jia Zhou (China) Author(s): Xinwei Chen, Jin Zhang, Jian Wang, Jia Zhou. Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, No.639 Zhizaoju Road, Shanghai, China
11:36 AM	Discussion
11:40 AM	809 Orthodontic Outcomes Following ABG: Can the Use of Specific Pre and Post-Operative Imaging Modalities Improve Intra-Operative Approaches and Lead to Optimal Subsequent Dental Treatment Plans? Presenter: Scott Rapp (United States) Author(s): Kiersten Woodyard DeBrito, Scott Rapp, Trent James Institution(s): University of Cincinnati Hospital Medical Center, Cincinnati, OH, United States

11:44 AM	796 Progressive Palatopharyngoplasty: An Institutional Algorithm proposal for Tension-Free Closure and Optimal Velopharyngeal Function in Cleft Palate Repair Presenter: Rogelio Martínez-Wagner (Mexico) Author(s): Kenzo Alejandro Fukumoto Inukai, Rogelio Martínez Wagner, Damián Palafox, Osmani Andrés Castillo Garrido, Javier Andrés Meza Hernández, Alfonso Sandoval Polito Institution(s): Hospital General Dr. Manuel Gea González, Mexico City, Mexico City, Mexico
11:48 AM	749 Evaluation of Pharynx in Isolated Cleft Palate and Pierre-Robin Syndrome with Cleft Palate Presenter: Baihui Liu (China) Author(s): Baihui Liu Institution(s): Children's Hospital of Fudan University, Shanghai, China; Children's Hospital of Fudan University, Shanghai, China; Children's Hospital of Fudan University, Shanghai, China
11:52 AM	677 Analysis of Sleep Study for Skeletal Class III Malocclusion Patient Secondary to Cleft Lip and Palate after Bimaxillary Orthognathic Surgeries Presenter: Yiyun Liu (China) Author(s): Yiyun Liu, Ming Cai Institution(s): Shanghai Ninth People's Hospital, Shanghai, China
11:56 AM	Discussion

Room: Exhibition 12:00 - 1:00 PM	Lunch Break in Exhibition
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Room: Jing An Grand Ballroom I 1:00 - 3:00 PM	FREE PAPER SESSION 12 – VIRTUAL SURGICAL PLANNING AND SURGICAL SIMULATION / SIMULATION SURGICAL EDUCATION Session Chairs: Ian Hoppe (United States), Chad Purnell (United States)
1:00 PM	360 Simulating Fronto-Orbital Distraction for Unicoronal Synostosis Intervention Presenter: Yunus Samiepour Ardakani (United Kingdom) Author(s): Yunus Samiepour Ardakani, Jonas Mellgren, Ce Liang, Hans Deyle, Karin Säljö, Lars Kölby, Mehran Moazen Institution(s): University College London, London, United Kingdom
1:04 PM	440 Precise Functional Reconstruction of Traumatic Jaw Bone Defects Using Computer-Assisted Surgical Techniques Presenter: Lei Tian (China) Author(s): Lei Tian Institution(s): School of Stomatology, Xi'an, Shaanxi, China

1:08 PM	<p>522 Dura-Based Automated Vault Expansion Remodelling (DAVE-R): Automated Planning of Vault Expansion for Scaphocephaly Presenter: Anjum Aarifa Khanom (United Kingdom) Author(s): Anjum Aarifa Khanom, Christian Duncan, Chris Parks, Ajay Sinha, Anusha Henedige, David Richardson, Vejay Vakharia Institution(s): University of Liverpool, Liverpool, United Kingdom</p>
1:12 PM	<p>601 Automatic Segmentation and Virtual Reduction of Unilateral Zygomatic Fractures Based on CNN and ICP Algorithm: A Preliminary Study Presenter: Bimeng Jie (China) Author(s): Bimeng Jie, Runqi Liu, Junchen Wang, Yi Zhang, Yang He Institution(s): Peking University School and School of Stomatology, Beijing, China</p>
1:16 PM	<p>320 Multicentered Evaluation of Free Fibular Flap for Mandibula Reconstruction with In-House 3D Model Guiding Fabrication Using Mirroring Technique Compared to Segmenting Technique Presenter: Gammaditya Adhibarata (Indonesia) Author(s): Gammaditya Winarno, Kristaninta Bangun, Vika Tania, Parintosa Atmodiwirjo, Erythrina Permata Sari, Narottama Tunjung, Clara Menna, Anjani Larasati Institution(s): Cleft and Craniofacial Center Dr. Cipto Mangunkusumo Hospital, Jakarta, Indonesia; Plastic Surgery Division, Department of Surgery, Dr. Cipto Mangunkusumo Hospital, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia</p>
1:20 PM	<p>Discussion</p>
1:35 PM	<p>116 Virtual Surgical Planning for Facial Feminization Surgery: A Comparison of Three-Dimensional Plans and Actual Results Presenter: Jake Moscarelli (United States) Author(s): Albert Rancu, Paula Flores-Perez, Kevin Hu, Omar Allam, Katelyn Lewis, Thayer Mukherjee, Jake Moscarelli, Michael Alperovich Institution(s): Yale University, New Haven, CT, United States</p>
1:39 PM	<p>68 Single-Stage Virtual Surgical Planning (VSP)-Guided Resection and Custom Polyetheretherketone (PEEK) Implant Reconstruction of Complex Oncologic and Dysplastic Defects of the Craniofacial Skeleton Presenter: Reza Jarrahy (United States) Author(s): Brendan Cronin, Chris Zhao, Richard Everson, Reza Jarrahy Institution(s): UCLA Health, Los Angeles, CA, United States</p>
1:43 PM	<p>273 A Quantitative Scoring System for Craniofacial Bone Atrophy in Parry-Romberg Syndrome: The PRS-HAI and Occlusal Cant Framework Presenter: Zhaojian Wang (China) Author(s): Zhaojian Wang, Xiaolei Jin Institution(s): Peking Union Medical College Hospital, CAMS, Beijing, Beijing, China; Plastic Surgery Hospital, CAMS, Beijing, China</p>
1:47 PM	<p>353 Dual Graph Convolution Approach for Maxillofacial Postoperative Facial Prediction Presenter: Xinrui Huang (China) Author(s): Xinrui Huang, Dongming He, Xudong Wang Institution(s): Department of Oral and Craniomaxillofacial Surgery, Ninth People's Hospital Shanghai Jiao Tong University School of Medicine, Shanghai, China</p>
1:51 PM	<p>491 Integration of 3D Morphable Models in Clinical Practice: An All Surfaces Approach Presenter: Christian Duncan (United Kingdom) Author(s): Christian Duncan, Martin Van Carlen, Vejay Vakharia, Wuyang Shui, Ajay Sinha, Aitor De Gea Rico, Anusha Henedige, Chris Parks Institution(s): Alder Hey Children's Hospital, Liverpool, Merseyside, United Kingdom</p>

1:55 PM	<p>747 Machine Learning to Aid Craniofacial Surgery Preoperative Planning Presenter: Alessandro Borghi (United Kingdom) Author(s): Olivia Hosking, Silvia Schievano, Itxasne Antunez Saenz, David Dunaway, Noor Ul Owase Jeelani, Alessandro Borghi Institution(s): Durham University, Durham, United Kingdom</p>
1:59 PM	<p>753 Improving Surgical Outcomes in Craniofacial Surgery by means of Biofidelic 3D Printed Digital Materials Replicating Paediatric Skull Cranial Bone Mechanics Presenter: Luke Smith (United Kingdom) Author(s): Luke Smith, Sara Ajami, Silvia Schievano, Juling Ong, David Dunaway, Noor ul Owase Jeelani, Alessandro Borghi Institution(s): Great Ormond Street Hospital, London, United Kingdom</p>
2:03 PM	<p>770 A Combined Machine Learning and Finite Element Modelling Tool for the Preclinical Planning of Spring Cranioplasty Presenter: Juling Ong (United Kingdom) Author(s): Lara Deliege, Itxasne Antunez Saenz, Ane Alberti, Silvia Schievano, Juling Ong, David Dunaway, Noor Ul Owase Jeelani, Alessandro Borghi Institution(s): University College London, London, United Kingdom; Great Ormond Street Hospital, London, United Kingdom</p>
2:07 PM	<p>Discussion</p>
2:22 PM	<p>371 A Three-Dimensional Cleft Lip Incision-Design iOS Application Using Gamification: Pilot Study Results Presenter: Sameer Shakir (United States) Author(s): Nicholas Han, Evyn Neumeister, Philip Tolley, Elizabeth Card, Allison Hu, Isabel Ryan, Oksana Jackson, David Low, Scott Bartlett, Jesse Taylor, Jordan Swanson, Sameer Shakir Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>
2:26 PM	<p>55 A Global Survey of Craniofacial Fellowship Training: Key Insights Presenter: David David (Australia) Author(s): David J David, Mohammad R Goodarzi, Neil R McLean Institution(s): University of Adelaide, Adelaide, SA, Australia</p>
2:30 PM	<p>829 Moving the Craniofacial Team Forward: The Role of Animated Surgical Videos in Craniofacial Surgical Education Presenter: Natasha Wielogórska (United Kingdom) Author(s): Natasha Wielogórska, Jagajeevan Jagadeesan Institution(s): University Hospitals Birmingham, Birmingham, United Kingdom</p>
2:34 PM	<p>194 Development and Validation of a 3D Printed Mandible Model for Bilateral Sagittal Split Osteotomy Surgical Simulation Presenter: Katherine Zhu (United States) Author(s): Katherine Zhu, Jacob Hammond, Stone Meng, Jesse Haworth, Andy Ding, Kristen Pan, Jordan Gornitsky, Pasha Shakoory, Russell Taylor, Robin Yang Institution(s): Johns Hopkins University School of Medicine, Baltimore, MD, United States</p>
2:38 PM	<p>262 "Triangular Ostectomy" for Effective Removal of Bony Interference During Orthognathic Surgery with Help of Virtual Surgical Plan Presenter: Hao Wu (China) Author(s): Hao Wu, Hao Sun, Xudong Wang Institution(s): Department of Oral & Cranio-Maxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai, China</p>

2:42 PM	375 Volumetric Orthognathic Surgery for the Correction of Facial Deformities: An Integrated 3D Approach to Occlusal Restoration and Aesthetic Rebalancing of Soft Tissue Volumes Presenter: Alberto Bianchi (Italy) Author(s): Alberto Bianchi, Francesco Seidita Institution(s): University of Catania, Catania, Italy
2:46 PM	658 A Multi-center Randomized Clinical Trial Validating the Accuracy of Patient-Specific Implants versus CAD/CAM Splints in Orthognathic Surgery Presenter: Xinxi Wang Author(s): Xinxi Wang, Biao Li, Xudong Wang Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China; College of Stomatology, Shanghai Jiao Tong University, Shanghai, China; National Center for Stomatology; National Clinical Research Center for Oral Diseases; Shanghai Key Laboratory of Stomatology, Shanghai, China
2:50	Discussion

Room: Jing An Grand Ballroom II 1:00 – 3:00 PM	FREE PAPER SESSION 16 – TUMORS AND MICROSURGERY IN CRANIOFACIAL SURGERY Session Chairs: Craig Birgfeld (United States), Lisong Lin (China)
1:00 PM	452 Delays in Surgical Care for Head and Neck Cancer Patients: The Impact of Insurance Status and Social Vulnerability Presenter: Ashlie Elver (United States) Author(s): Kendall Pitre, Ashlie Elver, Ronald McCall, Henry Taylor, Edward Facundus, Adam Fleming, John Phillips, Sara Islam, Jesse Austin, Benjamin McIntyre Institution(s): University of Mississippi Medical Center, Jackson, MS, United States
1:04 PM	479 Free vs Local Tissue Transfer and Reconstruction in Pediatric Head & Neck Cancer Patients: A Comparable Complication Outcome Review Presenter: Rachel Donaldson (United States) Author(s): Valeria Mejia, Raina Patel, Asli Pekcan, Melanie Bakovic, Marvee Turk, Artur Manasyan, Pasha Shakoori, Mark Urata, Jeffrey Hammoudeh, Carolyn Kreh, Rachel Donaldson Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States
1:08 PM	586 Intelligent Surgical Workflow Recognition for Minimally Invasive Submandibular Gland Resection: A Multicenter Study Presenter: Zhongkai Ma (China) Author(s): Zhongkai Ma, Yufei Hua, Guiquan Zhu, Chunjie Li, Zhiyong Guo Institution(s): West China Hospital of Stomatology, Sichuan University, Chengdu, Sichuan, China
1:12 PM	631 Lateral Sliding and Temporary Fixation of Le Fort I Osteotomy Assists in Intraoral Condylar Resection Presenter: Jian Cao (China) Author(s): Jian Cao, Xudong Wang Institution(s): Department of Oral and Caniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China

1:16 PM	89 Islanding the Facial Artery Myomucosal Flap: How I Do It Presenter: Xiaozhen Lin (China) Author(s): Xiaozhen Lin Institution(s): Department of Stomatology, Hainan Hospital of Chinese People's Liberation Army General Hospital, Sanya, China
1:20 PM	119 Middle-Term Follow-Up of 3D-Printed Customized Temporomandibular Joint-Skull Base Combined Prosthesis Presenter: Qingyu Xu (China) Author(s): Qingyu Xu, Yuxin Zhang, Xiang Wei, Lingtong Bu, Minjie Chen, Jisi Zheng, Chi Yang Institution(s): Department of Oral Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China
1:24 PM	124 3D Printed Titanium Porous Implants for the Reconstruction of Zygomaticomaxillary Complex: A Study to Evaluate Efficacy and Safety Presenter: Nenghao Jin (China) Author(s): Nenghao Jin, Huawei Liu Institution(s): Department of Stomatology, The First Medical Centre, Chinese PLA General Hospital, Beijing, China; Department of stomatology, Beijing Tsinghua Changgung Hospital, School of Clinical Medicine, Tsinghua Medicine, Tsinghua University, Beijing, China
1:28 PM	532 NumeriFACE – A Novel Computational Tool to Quantify Facial Paralysis in the Pediatric Population: A Pilot Study Presenter: Raghav Upadhyaya (United States) Author(s): Raghav Upadhyaya, Keyvon Rashidi, Michael Klebuc, Amy Xue Institution(s): Texas Children's Hospital, Houston, TX, United States
1:32 PM	Discussion
1:47 PM	670 Minimally Invasive Intra-Oral Condylectomy Combined Simultaneous Orthognathic Surgery for Secondary Laterognathia of Condylar Osteochondroma: A Retrospective Study of 83 Cases Presenter: Yu Jingshuang (China) Author(s): Yu Jingshuang, Wang Xudong Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China
1:51 PM	196 The Impact of Custom Endoprosthesis Reconstruction on Facial Symmetry Following Jaw Reconstruction Presenter: Sophia Garnica (United States) Author(s): Meryem Guler, Asli Pekcan, Melanie Bakovic, Valeria Mejia, Raina Patel, Pasha Shakoori, Mark Urata, Jeffrey Hammoudeh, Artur Manasyan BS, Sophia Garnica Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States
1:55 PM	476 The Combined Surgical and Brachiterapy Protocol in Management of Malignant Orbital Neoplasm in the "Bambino Gesu" Pediatric Hospital Presenter: Urbano Urbani (Italy) Author(s): Urbano Urbani, Giuseppemaria Milano, Ida Russo, Luca Tagliaferri, Mario Zama Institution(s): Plastic and Maxillo Facial Surgery Division IRCCS Ospedale Pediatrico Bambino Gesù, Rome, Italy

1:59 PM	715 Reconstruction of Orbital Floor Defect with Free Flaps after Maxillectomy: Experience From a Tertiary Hospital in Indonesia Presenter: Regina Putri Apriza (Indonesia) Author(s): Regina Putri Apriza, Kristaninta Bangun Institution(s): RSCM-FKUI, Jakarta, DKI Jakarta, Indonesia
2:03 PM	759 Optimizing Free Tissue Transfer for Pediatric Scalp Reconstruction: A Systematic Review and Meta-Analysis of Donor Site Selection Presenter: Brooke French (United States) Author(s): Diego A. Gomez, Emily Cooper, Celia J. Ernstrom, Skyler K. Palmer, Joseph Lopez, Brooke French, Timothy J. Irwin, David Y. Khechoyan, Phuong D. Nguyen, Jason W. Yu Institution(s): Department of Pediatric Plastic Surgery, Children's Hospital of Colorado, Aurora, CO, United States; Division of Plastic and Reconstructive Surgery, University of Colorado Anschutz Medical Campus, Aurora, CO, United States
2:07 PM	835 The Power of Partnership: Complex Pediatric Microsurgical Head and Neck Reconstruction Presenter: Renata Maricevich (United States) Author(s): Renata Maricevich, Brody King, Marco Maricevich Institution(s): Texas Childrens Hospital, Houston, TX, United States
2:11 PM	Mutidisciplinary Treatment of Craniomaxillofacial Tumor Presenter: Lisong Lin (China) Authors and Institution(s):
2:15 PM	133 Functional Repair of Mandibular Bone Defects Using the Scaffold-Driven Double Barrel Fibula Flap Designed Based on Preoperative Biomechanical and Digital Data Presenter: Liu Huawei (China) Author(s): Liu Huawei Institution(s): Department of Stomatology, The First Medical Center, Chinese PLA General Hospital, Beijing, China
2:19 PM	225 Influence from Tough Neck Status and Other Risk Factors to Cascularized Free Flap Loss in Head and Neck Reconstruction: A Cohort Study and Predictive Model Presenter: Pingchuan Ma (China) Author(s): Pingchuan Ma, Longjiang Li, Chunjie Li Institution(s): State Key Laboratory of Oral Diseases & National Center for Stomatology & National Clinical Research Center for Oral Diseases & Department of Head and Neck Oncology, West China Hospital of Stomatology, Sichuan University, Chengdu, China
2:23 PM	Discussion
Room: Exhibition 3:00 - 3:30 PM	Coffee Break in Exhibition

Room: Jing An Grand Ballroom I 3:30 – 4:20 PM	FREE PAPER SESSION 15 – CRANIOFACIAL TEAM COORDINATION AND CARE PATHWAYS Session Chairs: Irene Mathijssen (The Netherlands)
3:30 PM	246 Complications of Prone Positioning in Craniofacial Surgery. A Review of 595 Cases in the Oxford Craniofacial Unit, UK Presenter: Sumit Das (United Kingdom) Author(s): Sumit Das, Dawn Wilkinson, Olivia Stobbie, Shailendra Magdum, Jay Jayamohan, Tim Lawrence, Stewart Campbell, Claire Ansley-Watson, Gagan Dhotar, Russ Evans, Rosanna Ching, Steven Wall, Gregory Thomas, David Johnson Institution(s): Oxford Anaesthetic Department, Oxford, United Kingdom
3:38 PM	381 Establishing High-Standard Craniofacial Care in Ukraine: A Partnership for Sustainable Surgical Development Presenter: Elliot Pattou (France) Author(s): Elliot Pattou, T. Pavlychuk, S. Bencherqui, P. Corre, P. Plavsky, A. Kopchak, R.H. Khonsari Institution(s): Necker Enfants Malades, Paris, France
3:42 PM	241 Moving Beyond Surgical Excellence: A Qualitative Systematic Review into the Perspectives and Experiences of Children, Adolescents, and Adults Living with a Rare Congenital Craniofacial Condition and Their Parents Presenter: Mariët Faasse (The Netherlands) Author(s): Mariët Faasse, Hester M van de Bovenkamp, Karolijn Dulfer, Virginie Kauffman, Ivana Marinac, Veronica Leonardi, Gareth Davies, Philippe Pakter, Jana Angelova, Karen Wilkinson-Bell, Lars Kölby, Marizela Kljajic Institution(s): Dutch National Patient and Parents Society for congenital craniofacial conditions, Landelijke Patiënten- en Oudervereniging voor Schedel- en/of Aangezichtsandoeningen, (LAPOSA), Rotterdam, The Netherlands; Erasmus School of Health Policy and Management, Health Care Governance, Erasmus University, Rotterdam, The Netherlands; ERN CRANIO, Rotterdam, The Netherlands
3:46 PM	78 From Fusion to Function, Clinical Insights and Therapeutic Strategies in Syngnathia Presenter: Saranda Ombashi (The Netherlands) Author(s): Saranda Ombashi, Jop Wagemans, Victor van Roey, Jeanne Amiel, Eva Galliani, Roman Khonsari, Víctor Zafra Vallejo, Michael Krimmel, Krzysztof Dowgierd, Eppo Wolvius Institution(s): Erasmus Medical Center, Rotterdam, Zuid-Holland, The Netherlands
3:50 PM	547 The American Society of Craniofacial Surgeons Clinical Practice Guideline for the Surgical Treatment of Craniosynostosis Presenter: Daniel Cho (United States) Author(s): Daniel Cho, Alexandra Center, Jessica Blum, Aidan O'Shea, Manasa Kalluri, Sarah Thornton, Stephen Ortmann, Robert George, Catharine Garland Institution(s): University of Wisconsin - Madison, Madison, WI, United States
3:54 PM	771 Developing Craniofacial Surgery in Vietnam – Raising the Floor and the Ceiling Presenter: Phuong Nguyen (United States) Author(s): Thalia Le, Skyler Palmer, Diego Gomez, Ton Doan, Khoa Nguyen, Thom Hoang Dang, Christopher Runyan, Phuong Nguyen Institution(s): Children's Hospital Colorado, Aurora, CO, United States; University of Colorado School of Medicine, Aurora, CO, United States
3:58 PM	Discussion

Room: Jing An Grand Ballroom I 4:20 – 5:00 PM	FREE PAPER SESSION 17 – BREATHING DIFFICULTIES AND AIRWAY MANAGEMENT Session Chairs: Juling Ong (United Kingdom), Jordan Swanson (United States)
4:20 PM	806 Prospective Analysis of Polysomnographic EARN Factors to Identify Infants with Robin Sequence Failing Conservative Airway Management Presenter: Arhana Chattopadhyay (United States) Author(s): Arhana Chattopadhyay, Alexandra Junn, Jessica Ong, Melanie Bakovic, Liara Ortiz-Ocasio, Theodore Hyman, Gary Rogers, Albert Oh Institution(s): Children’s National Hospital, Washington DC, United States
4:24 PM	53 Standardized Classification of Infants with Robin Sequence Using MicroNAPS Presenter: Cory Resnick (United States) Author(s): Cory Resnick Institution(s): Boston Children’s Hospital, Boston, MA, United States
4:28 PM	584 Characteristics of REM Sleep AHI and Supine Sleep AHI on Patients with Residual Obstructive Sleep Apnea after Maxillomandibular Surgeries Presenter: Wenwen Yu (China) Author(s): Wenwen Yu, Sitong Li, Liang Xia, Yiwen Bao, Min Zhu, Xudong Wang Institution(s): Shanghai Ninth People’s Hospital, Shanghai JiaoTong University, School of Medicine, Shanghai, China
4:32 PM	412 Predictive Modeling of Mandibular Distraction Osteogenesis Success to Treat Tongue-Based Obstructive Apnea: Results of a 16-Year, Hospital-Wide Intervention Trial Presenter: Joseph Napoli (United States) Author(s): Nicholas Han, Philip Tolley, Benjamin Massenburg, Zachary Zapatero, Isabel Ryan, Allison Hu, Scott Bartlett, Jesse Taylor, Eric Liao, Joseph Napoli, Jordan Swanson, Santiago Lopez Institution(s): Children’s Hospital of Philadelphia, Philadelphia, PA, United States
4:36 PM	511 Indications and Trends in Emergent Airway and Ocular Interventions for Syndromic Craniosynostosis: A 40-Year Retrospective Review Presenter: Scott Bartlett (United States) Author(s): Allison Hu, Nicholas Han, Isabel Ryan, Philip Tolley, Maura Guylar, Jordan Swanson, Jesse Taylor, Scott Bartlett Institution(s): Children’s Hospital of Philadelphia, Philadelphia, PA, United States
4:40 PM	60 Correlation Analysis of Airway-Facial Phenotype in Crouzon Syndrome by Geometric Morphometrics: A Promising Method for Non-Radiation Airway Evaluation Presenter: Josef Yehong Zhong (China) Author(s): Josef Yehong Zhong Institution(s): Department of Plastic Surgery, Xinhua Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China; Digital Technology Center, Plastic Surgery Hospital, Chinese Academy of Medical Science & Peking Union Medical College, Shanghai, China
4:44 PM	Discussion

Room: Jing An Grand Ballroom II 3:30 – 5:00 PM	FREE PAPER SESSION 14 – TUMORS AND VASCULAR ANOMALIES Session Chairs: Dov Goldenberg (Brazil), Xiaoxi Lin (China)
3:30 PM	100 Updated Classification of Vascular Anomalies. A Living Document from the International Society for the Study of Vascular Anomalies Classification Group Presenter: Dov Goldenberg (Brazil) Author(s): Dov Goldenberg, Miikka Vikkula, Anthony Penington, Francine Blei, Leo Schultze Kool5, Michel Wassef, Ilona Frieden, ISSVA Classification Group Institution(s): University of Sao Paulo, Sao Paulo, SP, Brazil; Hospital Israelita Albert Einstein, Sao Paulo, SP, Brazil
3:38 PM	Combined Orthodontic and Orthognathic Treatment for Secondary Facial Asymmetry in Port-Wine Stain Patients Presenter: Hanru Ying (China) Author(s): Hanru Ying, Zhixu Liu, Lei Chang, Yun Zou, Yajing Qiu, Gang Ma, Hui Chen, Xudong Wang, Xiaoxi Lin Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai Ninth People’s Hospital, Shanghai Jiao Tong University School of Medicine
3:42 PM	Airway First: Tracheotomy-Primed Sclerotherapy Redefines Management of High-Risk Cervicofacial Venous Malformations Presenter: Xuan Jiang (China) Author(s): Xuan Jiang, Li Hu, Xi Yang, Hui Chen, Yunbo Jin, Xiaoxi Lin Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai Ninth People’s Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China
3:46 PM	The Five-Step Lip Reduction Surgery for Unilateral Port-Wine Macrocheilia Presenter: Gang Ma (China) Author(s): Gang Ma, Hanyu Lee, Xiaoxi Lin Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai Ninth People’s Hospital, Shanghai, China
3:50 PM	Phenotypes-Genotypes Analysis Revealed PIK3CA H1047R Mutation is a Predictor of Severity and Recurrence of Facial Infiltrating Lipomatosis Presenter: Hongrui Chen (China) Author(s): Hongrui Chen, Bin Sun, Wei Gao, Chen Hua, Xiaoxi Lin Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai Ninth People’s Hospital, Shanghai, China
3:54 PM	Low Prevalence of PHACE Syndrome in Facial Segmental Hemangiomas in China Presenter: Jingjing Sun (China) Author(s): Jingjing Sun, Yajing Qiu, Shih-Jen Chang, Lei Chang, Rui Chang, Qianyi Chen, Gang Ma, and Xiaoxi Lin Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai Ninth People’s Hospital, Shanghai, China
3:58 PM	Discussion

4:11 PM	<p>414 Demystifying Maxillomandibular Fibrous Dysplasia and its Impact on Dental Development Presenter: Scott Bartlett (United States) Author(s): Nicholas Han, Philip Tolley, Theodor Lenz, Alexander Wilson, Isabel Ryan, Allison Hu, Hyun-Duck Nah-Cederquist, Eric Liao, Jordan Swanson, Jesse Taylor, Scott Bartlett Institution(s): Children's Hospital of Philadelphia, Philadelphia, PA, United States</p>
4:15 PM	<p>188 Outcomes of Pediatric Maxillofacial Giant Cell Lesion Management in Syndromic versus Non-Syndromic Patients: A 21-Year Review Presenter: Caroline Kreh (United States) Author(s): Asli Pekcan, Raina Patel, Melanie Bakovic, Valeria Mejia, Anika Kim, Priyanka Naidu, Pasha Shakoori, Mark Urata, Jeffrey Hammoudeh, Caroline Kreh Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States</p>
4:19 PM	<p>156 40 Years' Circumnavigation of Craniofacial NF Tumors Presenter: McKay McKinnon (United States) Author(s): McKay McKinnon Institution(s): Nicklaus Children's Hospital, Miami, Florida, United States; Baptist Health South Florida, Miami, Florida, United States; Ascension St. Joseph Hospital, Chicago, Illinois, United States; French Vietnam Hospital, HCMC, Vietnam; VietDuc Hospital, Hanoi, Vietnam</p>
4:23 PM	<p>534 The Successful Use of a Minimally Invasive Temperature-Controlled Radio Frequency (RF) Device to Treat Recalcitrant Symptomatic Temangiomas in Children Presenter: Kevin Hopkins (United States) Author(s): Kevin Hopkins, Vanessa Dimas, Yongxu (Joyce) Huang Institution(s): Driscoll Children's Hospital, Corpus Christi, TX, United States; University of Texas Medical Branch, Galveston, TX, United States</p>
4:27 PM	<p>193 Comparing Maxillofacial and Axial/Appendicular Giant Cell Lesions in Pediatric Patients: Management Strategies and Outcomes Presenter: Caroline Kreh (United States) Author(s): Pasha Shakoori, Asli Pekcan, Melanie Bakovic, Raina Patel, Valeria Mejia, Anika Kim, Mark Urata, Rachana Shah, Jeffrey Hammoudeh, Caroline Kreh Institution(s): Children's Hospital Los Angeles, Los Angeles, CA, United States</p>
4:31 PM	<p>403 Management of Rare Central Giant Cell Granuloma with Fungal Spores in Two Male Siblings; Conservative and Radical Approaches Due to Varying Craniofacial Surgical Skills Presenter: Solomon Obiri-Yeboah (Ghana) Author(s): Solomon Obiri-Yeboah, Frank Nketia Boakye, George Asafu Adjaye Frimpong, Nana Tuffuor Ampem Gyimah, Ebenezer Elijah Asamoah Institution(s): Kwame Nkrumah University of Science and Technology, Kumasi, Ashanti Region, Ghana; Komfo Anokye Teaching Hospital, Kumasi, Ashanti Region, Ghana</p>
4:35 PM	<p>682 Self-Providing Flaps for Reconstructing the Defects after Resection of Maxillofacial Giant Benign Tumors Presenter: Zijian Guo (China) Author(s): Zijian Guo, Guanru Wang, Grace Paka Lubamba, Zhangfan Ding, Chunjie Li Institution(s): Department of Head and Neck Oncology, West China Hospital of Stomatology, Sichuan University, Chengdu, Sichuan, China</p>
4:39 PM	<p>Discussion</p>
Room: Jing An Grand Ballroom I 5:00 PM	<p>Closing</p>

All poster will be visible on the poster board on all three days.

We ask Poster Presenters to be present at their poster during lunch break on the assigned day to present the poster to the jury.

Tuesday, October 28, 2025

Poster Session 1

Jing An Grand Ballroom III

Open for viewing from first Coffee Break to last session. Poster presentations will take place during Lunch Break.

Abstract N°: 15

Application of Low-Cost Virtual Surgical Planning Softwares and 3D Printing in Le Fort II Osteotomy for Cleft Orthognathic Patient: A Case Report

Presenter: Quang Dong (Vietnam)

Author(s): Quang Dong

Institution(s): National Hospital of Odonto-Stomatology, Hanoi, Vietnam

Abstract N°: 25

Outcomes of Tongue Reduction Surgery in Beckwith-Wiedemann Syndrome

Presenter: Michael Bezuhly (Canada)

Author(s): Beraki Abraha, Olivia MacIntyre, Hannah Brennan, Paul Hong, Michael Bezuhly

Institution(s): Dalhousie University School of Medicine, Halifax, Nova Scotia, Canada

Abstract N°: 70

Patient-Specific Dynamic Reference Frame for Navigation-Guided Surgery in Mandible: A Novel Noninvasive Method

Presenter: Lai Jiang (China)

Author(s): Lai Jiang, Jinyang Wu, Shilei Zhang

Institution(s): Department of Oral and Cranio-Maxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 97

Sociodemographic Factors Associated with Late Presentation in Non-Syndromic Sagittal Synostosis

Presenter: Davinder Singh (United States)

Author(s): Davinder Singh, Trey Watmore, Nicole Kurnik, Alma Jukic

Institution(s): Phoenix Children's Hospital, Phoenix, AZ, United States; Mayo Clinic, Phoenix, AZ, United States; University of Arizona School of Medicine, Phoenix, AZ, United States

Abstract N°: 104

5-Year Institutional Experience Implementing Spring-Assisted Cranioplasty

Presenter: Colton Fernstrum (United States)

Author(s): Colton Fernstrum, Samantha Morin, Laura Humphries, Ian Hoppe

Institution(s): University of Mississippi Medical Center, Jackson, MS, United States

Abstract N°: 112

Spring-Assisted Occipital Expansion in Syndromic Craniosynostosis: The Difference between an Occipital or Cranial Hinge

Presenter: Irene Mathijssen (The Netherlands)
Author(s): Irene Mathijssen, Marjolein Dremmen, Sarah Versnel, Mieke Pleumeekers, Marie-Lise van Veelen, Jochem Spoor
Institution(s): Erasmus MC, Rotterdam, The Netherlands

Abstract N°: 206

A Combination of Anterior Maxillary Osteotomy (AMO) and Mandibular Anterior Segmental Subapical Osteotomy (MASSO) with or without Genioplasty for Bimaxillary Protrusion Correction

Presenter: Xuejiu Wang (China)
Author(s): Xuejiu Wang
Institution(s): Department of Oral and Maxillofacial Trauma and Plastic Surgery, Capital Medical University School of Stomatology, Beijing, China

Abstract N°: 211

Cetuximab with Dalpicililb in Patients with HPV-Negative, Anti-PD-1 Resistant R/M HNSCC

Presenter: Bing Sun (China)
Author(s): Bing Sun, Houyu Ju, Guoxin Ren, Jingzhou Hu
Institution(s): Department of Oral Maxillofacial-Head and Neck Oncology, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China; Shanghai Key Laboratory of Stomatology & Shanghai Research Institute of Stomatology, National Clinical Research Center of Stomatology, Shanghai, China

Abstract N°: 223

Common Craniosynostosis Syndromes: When is Midface Advancement Surgery Required?

Presenter: Christian Duncan (United Kingdom)
Author(s): Jennifer Vesey, Susana Dominguez-Gonzalez, Anusha Henedige, David Richardson, Aitor de Gea Rico, Emily McIlvanna, Christian Duncan
Institution(s): Alder Hey Children's Hospital, Liverpool, United Kingdom

Abstract N°: 224

Novel 3D Printed Model for Visualization of Impacted and Supernumerary Teeth in Complex Multidisciplinary Cases

Presenter: Christian Duncan (United Kingdom)
Author(s): Jennifer Vesey, Susana Dominguez-Gonzalez, Anusha Henedige, Aitor de Gea Rico, David Richardson, Christian Duncan
Institution(s): Alder Hey Children's Hospital, Liverpool, United Kingdom

Abstract N°: 226

Long-Term Functional Outcome in Pediatric Patients with various Mandible Defect Reconstructed with Free Fibular Flap

Presenter: Vika Tania (Indonesia)
Author(s): Vika Tania, Parintosa Atmodiwirjo, Mohamad Rachadian Ramadan, Kristaninta Bangun, Nadhira Anindita Ralena, Michael Djohan, Nadira Fildza Amanda
Institution(s): Division of Plastic, Reconstructive and Aesthetic Surgery, Department of Surgery, Dr. Cipto Mangunkusumo National Hospital, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia

Abstract N°: 260

The Comparative Study of Lateral Profile Measured by 3dMD FaceSystem and Lateral Cephalogram

Presenter: Piao Wang (China)
Author(s): Piao Wang, Renji Chen
Institution(s): Capital Medical University School of Stomatology, Beijing, China

Abstract N°: 287

A Prediction Model for the Occurrence of Second Primary Cancer in Oral Squamous Cell Carcinoma Patients Receiving Surgery

Presenter: Zhihao Zeng (China)
Author(s): Zhihao Zeng, Canyang Jiang, Jianping Huang, Rihui Wang, Kangwei Zhou, Xin Ruan, Junyang Zhang, Li Huang
Institution(s): School of Stomatology, Fujian Medical University, Fuzhou, Fujian, China

Abstract N°: 288

Study on the Correlation between the Immunosuppressive Effect of Radiotherapy and Second Primary Cancer in Patients with Oral Squamous Cell Carcinoma Receiving Surgery

Presenter: Li Huang (China)
Author(s): Li Huang, Zhihao Zeng, Canyang Jiang, Jianping Huang, Rihui Wang, Kangwei Zhou, Xin Ruan, Junyang Zhang
Institution(s): The First Affiliated Hospital of Fujian Medical University, Fuzhou, Fujian, China

Abstract N°: 293

Effect of Cellulose Nanocrystal/Poly(vinyl alcohol) Hydrogel on the Proliferation, Apoptosis and Differentiation of Mouse Preosteogenic Cells

Presenter: Junyang Zhang (China)
Author(s): Junyang Zhang, Li Huang, Canyang Jiang, Jianping Huang, Rihui Wang, Kangwei Zhou, Xin Ruan, Zhihao Zeng
Institution(s): The First Affiliated Hospital of Fujian Medical University, Fuzhou, Fujian, China

Abstract N°: 300

Digitally Artificial Temporomandibular Joint Replacement for Bilateral Traumatic Temporomandibular Joint Bony Ankylosis: A Case Report

Presenter: Canyang Jiang (China)
Author(s): Canyang Jiang, Jianping Huang, Yan Jiang, Zunhao Tan, Lisong Lin, Li Huang
Institution(s): The First Affiliated Hospital of Fujian Medical University, Fuzhou, Fujian, China

Abstract N°: 338

Long-Term Health-Related Quality of Life and Satisfaction Following Fronto-Orbital Advancement in Non-Syndromic Metopic Synostosis: FACE-Q Craniofacial Module and SCAR-Q

Presenter: Pauline Tio (Netherland)
Author(s): Pauline Tio, Evi Koehoorn, Claire De Vries, Karolijn Dulfer, Mieke Pleumeekers, Irene Mathijssen
Institution(s): Erasmus MC, Rotterdam, The Netherlands

Abstract N°: 345

Differential Relapse Patterns in Asymmetric vs Symmetric Mandibular Prognathism: A 3D Comparative Analysis of BSSRO Outcomes

Presenter: Guoping Wu (China)

Author(s): Guoping Wu, Shunchao Yan, Chongxu Qiao

Institution(s): The Affiliated Friendship Plastic Surgery Hospital of Nanjing Medical University, Nanjing, Jiangsu, China

Abstract N°: 357

Beyond Soft Tissue Sagging: Craniofacial Skeletal Resorption Emerges as the Key Architect of Age-Related Facial Transformation

Presenter: Ziyang Guo (China)

Author(s): Ziyang Guo, Jianjian Lu

Institution(s): Plastic Surgery Hospital, Chinese Academy of Medical Sciences, Peking Union Medical College, Beijing, China

Abstract N°: 391

Condylar-Ramus Index Predicts Postoperative Condylar Stability in Mandibular Setback Surgery: A 3D Morphometric Analysis

Presenter: Shunchao Yan (China)

Author(s): Shunchao Yan, Guoping Wu

Institution(s): The Affiliated Friendship Plastic Surgery Hospital of Nanjing Medical University, Nanjing, Jiangsu, China

Abstract N°: 393

Treatment of Osteocutaneous Fistula after Mandible Reconstruction with Free Fibula Flap following Ameloblastoma Resection in Pediatric Patient: A Case Report

Presenter: Nurardhilah Vityadewi (Indonesia)

Author(s): Nurardhilah Vityadewi, Mufida Muzakkie, Soewardjo Soewardjo

Institution(s): Plastic, Reconstructive, and Aesthetic Surgery Division, Department of Surgery, Dr. Sardjito Hospital/Faculty of Medicine, Public Health and Nursing, Universitas Gadjah Mada, Yogyakarta, Indonesia

Abstract N°: 402

Influence of Suture Closure Extent on Cranial Morphology in Apert and Crouzon Syndromes

Presenter: Roman Hossein Khonsari (France)

Author(s): Omblin Delassus, Lyza Ben-Bouazza, Adèle Rohée-Traoré, Mathieu Uguen, David Germanaud, Jean-François Mangin, Maxime Taverne, Giovanna Paternoster, Roman Hossein Khonsari

Institution(s): Université Paris Cité, Inserm, Institut Imagine, Paris, France; Université Paris-Saclay, CEA, Neurospin, BAOBAB, Gif-sur-Yvette, France; Craniofacial Growth and Form lab, Paris, France

Abstract N°: 423

Treatment Preferences and Parental Stress in Decision-Making for Metopic Synostosis

Presenter: Elin Weissbach (The Netherlands)

Author(s): Iin Weissbach, Pauline Tio, Merel Van Staalduinen, Karolijn Dulfer, Jolanda Okkerse, Mieke Pleumeekers, Irene Mathijssen

Institution(s): Erasmus MC, Rotterdam, The Netherlands

Abstract N°: 445

Application of Optical Coherence Tomography in Early Detection of Oral Cancer

Presenter: Zhou Kangwei (China)

Author(s): Zhou Kangwei, Huang Li, Jiang Canyang

Institution(s): The First Affiliated Hospital of Fujian Medical University, Fuzhou, Fujian, China

Abstract N°: 451

Fronto-Orbital Advancement (FOA) Followed by Total Cranial Vault Remodeling (CVR) in Severe Apert Syndrome with Pan-Synostosis: A Case Report

Presenter: Rizqi Shabrina Lestari (Indonesia)

Author(s): Rizqi Shabrina Lestari, Indri Lakshmi Putri

Institution(s): Department of Plastic Surgery, Reconstructive, and Aesthetic, Faculty of Medicine, Airlangga University, Surabaya, East Java, Indonesia; Dr. Soetomo General Academic Hospital, Surabaya, East Java, Indonesia

Abstract N°: 475

A Patient-Specific Characterization And Simulation Of Posterior Vault Distraction In Crouzon Syndrome

Presenter: Victoria Franchetti-Romero (France)

Author(s): Victoria Franchetti-Romero, Ruonan Dong, Yunus Samiepour Ardakani, Ce Liang, Giovanna Paternoster, Roman Hossein Khonsari, Mehran Moazen

Institution(s): Université Paris Cité, École Nationale Supérieure d'Arts et Métiers (ENSAM) and Paris Sciences & Lettres (PSL), Paris, France; Department of Mechanical Engineering, University College London, London, United Kingdom

Abstract N°: 520

Evaluation the Effect of Psychometric Properties Using Chinese Version of DASS-21 on Patients' Postoperative Aesthetic Score in Orthognathic Surgery: A Prospective Cohort Study

Presenter: Kaiyue Tian (China)

Author(s): Kaiyue Tian

Institution(s): Beijing Stomatological Hospital, Capital Medical University, Beijing, China

Abstract N°: 523

The "Surgeon's View": Advancing Cleft Palate Analysis Through Intraoperative MRI, 3D Segmentation, and Augmented Reality

Presenter: Leticia Lenkiu (United States)

Author(s): Leticia Lenkiu, Andrew Willmer, Hannah Brown, Jamie Perry, Rajendra Sawh-Martinez

Institution(s): University of Central Florida College of Medicine, Orlando, FL, United States

Abstract N°: 541

Risk Factors of Surgical Site Infection and Flap Failure in Maxillofacial Defect Reconstruction with Free Flap: A Retrospective Cohort Study

Presenter: Gaowei Zhang (China)

Author(s): Gaowei Zhang

Institution(s): West China Hospital of Stomatology, Chengdu, Sichuan, China

Abstract N°: 560

Surgical and Clinical Outcomes of Temporomandibular Joint Ankylosis: A Systematic Review

Presenter: Malory Alexis (United States)

Author(s): Laura Houshmand, Kelsey Green, Megan Perez, Malory Alexis, Pravin Patel, Chad Purnell

Institution(s): University of Illinois College of Medicine, University of Illinois Division of Plastic and Reconstructive Surgery, Chicago, IL, United States

Abstract N°: 561

Considerations on Infection in Craniofacial Surgery

Presenter: Masanobu Yamashita (Japan)

Author(s): Masanobu Yamashita, Chunyan Zhao, Haruka Furuki, Keisuke Yamamoto, Toru Miyayama, Miyuki Kishibe, Kenichi Shimada

Institution(s): Kanazawa Medical University, Uchinada, Ishikawa, Japan

Abstract N°: 580

Digital Technology-Assisted Craniofacial Deformity Reconstruction in a Case of Crouzon Syndrome

Presenter: Jianping Huang (China)

Author(s): Jianping Huang, Canyang Jiang, Yan Jiang, Zunhao Tan, Lisong Lin, Li Huang

Institution(s): The First Affiliated Hospital of Fujian Medical University, Fuzhou, Fujian, China

Abstract N°: 583

Endoscope-Assisted Vestibular Approach for Surgical Correction of Hemifacial Microsomia Via Mandibular Distraction Osteogenesis: A Case Report

Presenter: Xiaoyi Hu (China)

Author(s): Xiaoyi Hu

Institution(s): Department of Cranio-Maxillofacial Trauma and Plastic Surgery, College of Stomatology, Xi'an Jiaotong University, Xi'an, Shaanxi, China

Abstract N°: 585

Combined Orthodontic and Orthognathic Treatment of a Skeletal Class III Malocclusion with Facial Asymmetry

Presenter: Zunhao Tan (China)

Author(s): Zunhao Tan, Canyang Jiang, Jianping Huang, Yan Jiang, Lisong Lin, Li Huang

Institution(s): The First Affiliated Hospital of Fujian Medical University, Fuzhou, Fujian, China

Abstract N°: 592

PAOO-Assisted Orthodontics for Correcting Post-Orthognathic Bone Segment Displacement: A Case Report

Presenter: Qinfeng Ding (China)

Author(s): Qinfeng Ding, Xudong Wang

Institution(s): Ninth People's Hospital, Shanghai, China

Abstract N°: 619

Tailored Orthodontic and Orthognathic Surgical Correction of Unilateral Osteochondroma: A Review of 108 Cases

Presenter: Zhixu Liu (China)

Author(s): Zhixu Liu, Min Zhu, Jingshuang Yu, Xudong Wang

Institution(s): Shanghai Ninth People's Hospital, Shanghai, China

Abstract N°: 622

Workflow Optimization for Final Occlusion Design in Segmental Orthognathic Surgery

Presenter: Anqi Gao (China)

Author(s): Anqi Gao, Dongming He, Xudong Wang

Institution(s): Department of Oral and Craniomaxillofacial Surgery, Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 634

Analysis of Salivary Microbiota Changes During Oral Carcinogenesis Based on 16S rDNA Sequencing

Presenter: Yue Wu (China)

Author(s): Yue Wu, Zhongwei Zhou

Institution(s): Ningxia Medical University, Yinchuan, Ningxia, China

Abstract N°: 647

Initial Research on WNT7A Driving Perineural Invasion in Head and Neck Squamous Cell Carcinoma via the FZD7/STAT3 Signaling Pathway

Presenter: Jinwei Tang (China)

Author(s): Jinwei Tang

Institution(s): The First Affiliated Hospital of Fujian Medical University, Fuzhou, Fujian, China

Abstract N°: 655

Autologous Bone Powder Mixed with Hydroxyapatite and Tri-Calcium Phosphate for Cranioplasty Defects

Presenter: Rakesh Kain (India)

Author(s): Dr Rakesh Kain, Dr Sagnika Ukil

Institution(s): Vardhman Mahavir Medical College and Safdarjung Hospital, New Delhi, Delhi, India

Abstract N°: 673

Association of Ventricular Volume with Cortical Thickness, Surface Area and Volume in Syndromic Craniosynostosis

Presenter: Diede Wijnbergen (The Netherlands)

Author(s): Diede Wijnbergen, Meike Tjaberinga, Pauline Tio, Julius van Andel, Henri Vrooman, Irene Mathijssen

Institution(s): Erasmus MC, Rotterdam, The Netherlands

Abstract N°: 691

Protocol of Navigation-Guided Removal of Foreign Bodies in Oral and Craniomaxillofacial Area

Presenter: Zhaocheng Pan (China)

Author(s): Zhaocheng Pan, Zhengrui Li, Yang Su, Jingyang Wu, Shilei Zhang

Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China; College of Stomatology, Shanghai Jiao Tong University, Shanghai, China

Abstract N°: 713

A Comparison of Outcomes by Surgical Technique for Treatment of Lambdoid Craniosynostosis

Presenter: David Bauer (United States)

Author(s): Josephine Schmidt, Winston Owens, David Bauer, Lucas Dvoracek

Institution(s): Division of Plastic Surgery, Michael E. DeBakey Department of Surgery, Baylor College of Medicine, Houston, TX, United States; Division of Plastic Surgery, Department of Surgery, Texas Children's Hospital, Houston, TX, United States

Abstract N°: 756

Evolution of Craniofacial Symmetry after Fronto-Orbital Advancement with Rigid Fixation in Unilateral Coronal Synostosis: A Retrospective Cohort Analysis

Presenter: Fabio Mazzoleni (Italy)

Author(s): Fabio Mazzoleni, Mattia Moretti, Giorgio Novelli, Andrea Trezza, Giorgio Giovanni Carrabba, Carlo Giorgio Giussani

Institution(s): Pediatric Craniofacial Malformations Unit, Smile House Monza - Craniofacial Center, Fondazione IRCCS San Gerardo dei Tintori, Monza, Italy

Abstract N°: 766**Intracranial Hypertension and Effect of Surgery on Cerebral Blood Flow in Syndromic Craniosynostosis: An Arterial Spin Labeling Study**

Presenter: Meike Tjaberinga (The Netherlands)

Author(s): Meike Tjaberinga, Iris Cuperus, Henri Vrooman, Diede Wijnbergen, Koen Joosten, Marie-Lise van Veelen, Irene Mathijssen

Institution(s): Erasmus Medical Centre, Rotterdam, The Netherlands

Abstract N°: 833**Sand Dollar and Staves Technique for Treatment of Unilateral Lambdoid Craniosynostosis: A Comparative Pilot Study**

Presenter: Renata Maricevich (United States)

Author(s): Kala Pham, Adaya Rosenthal-Green, Andrew Ferry, Laura Monson, Robert Dempsey, Renata Maricevich

Institution(s): Division of Pediatric Plastic and Reconstructive Surgery, Department of Surgery, Texas Children's Hospital, Houston, TX, United States

Wednesday, October 29, 2025**Poster Session 2**

Jing An Grand Ballroom III

Open for viewing from first Coffee Break to last session. Poster presentations will take place during Lunch Break.

Abstract N°: 40**Craniofacial and Upper Airway Morphological Features in Severe Obese Adults with Obstructive Sleep Apnea: Insights from Cephalometric and Polysomnographic Analysis**

Presenter: Liang Xia (China)

Author(s): Liang Xia, Wenwen Yu

Institution(s): Department of Oral and Cranio-maxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 43**A Modified Millard Method for Repairing Micro Tessier IV Cleft**

Presenter: Dandan Wu (China)

Author(s): Dandan Wu

Institution(s): Department of Oral and Cranio-Maxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, College of Stomatology, Shanghai Jiao Tong University, Shanghai, China

Abstract N°: 48**Redefining Mandibular Sub-Units: The „ABC“ Classification and Surgical Strategies for Lower Face Contouring**

Presenter: Xiaoshuang Guo (China)

Author(s): Xiaoshuang Guo

Institution(s): Chinese Academy of Medical Sciences & Plastic Surgery Hospital, Beijing, China

Abstract N°: 57**Predictors of Surgical Management and Outcomes in Patients with Pierre Robin Sequence: A 21-Year Study**

Presenter: Janina Kueper (United States)

Author(s): Janina Kueper, Viraj Govani, Mary Wilding, Tobi Somorin, Jesse Goldstein

Institution(s): University of Pittsburgh, Pittsburgh, PA, United States

Abstract N°: 87**Engineering Dual Active Sites and Defect Structure in Nanozymes to Reprogramme Jawbone Microenvironment for Osteoradionecrosis Therapy**

Presenter: Yuli Wang (China)

Author(s): Yuli Wang, Yifei Du, Hua Yuan, Zheng Cheng

Institution(s): The Affiliated Stomatological Hospital of Nanjing Medical University, Nanjing, Jiangsu, China

Abstract N°: 93**Single-Cell Transcriptomics Unveils the Regulatory Landscape of Osteogenesis in Maxillary Prominence Development**

Presenter: Shuai Wang (China)

Author(s): Shuai Wang, Xdong Wang

Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai, China

Abstract N°: 94

Visible-Light-Responsive TiO₂-x Coating for Deep Cleaning of Craniomaxillofacial Implants

Presenter: Hao Wu (China)
Author(s): Hao Wu, Xudong Wang
Institution(s): Department of Oral & Cranio-Maxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai, China

Abstract N°: 99

Gas Metabolite Patterns to Identify Oral Squamous Cell Carcinoma

Presenter: Chao Peng (China)
Author(s): Chao Peng, Guoran Li, Minyi Ren, Le Yang
Institution(s): Hospital of Stomatology, Sun Yat-sen University, Guangzhou, China

Abstract N°: 108

Impact of Surgical Incision on Palatal Tissue Microcirculation in Cleft Palate Repair: A Prospective Observational Study

Presenter: Benito K Benitez (Switzerland)
Author(s): Benito K Benitez, Yoriko Lill, Danielle Kundert, Prasad Nalabothu, Maren Roche, Andreas A Mueller
Institution(s): Oral and Craniomaxillofacial Surgery and Pediatric Oral and Craniomaxillofacial Surgery, University Hospital Basel and University Childrens Hospital Basel, Basel, Switzerland; Facial and Cranial Anomalies Research Group, DKF and DBE, University of Basel, Basel, Switzerland

Abstract N°: 109

Pierre Robin Sequence - Initial Management of Upper Airway Obstruction: A 50 Patient Cohort Study and Review of Literature

Presenter: Benito K Benitez (Switzerland)
Author(s): Abeelan Rasadurai, Danielle Kundert, Prasad K Nalabothu, Daniel Trachsel, Sven Schulzke, Andreas A Mueller, Benito K Benitez
Institution(s): Oral and Craniomaxillofacial Surgery and Pediatric Oral and Craniomaxillofacial Surgery, University Hospital Basel and University Childrens Hospital Basel, Basel, Switzerland; Facial and Cranial Anomalies Research Group, University of Basel, Switzerland

Abstract N°: 126

An Unprecedented Complication in Pharyngeal Flap Surgery: Cerebrospinal Fluid Leakage

Presenter: Gökberk Çavuşoğlu (Turkiye)
Author(s): Gökberk Çavuşoğlu, Murat Kara, Rahşan Göçmen
Institution(s): Hacettepe University Faculty of Medicine, Ankara, Turkiye

Abstract N°: 134

From Blueprint to Implementation: A Comprehensive Approach for the European Cleft Registry, a Collaborative Path Forwards

Presenter: Saranda Ombashi (The Netherlands)
Author(s): Saranda Ombashi, Philip Van der Goes, Roman Khonsari, Aebele Mink van der Molen, Eppo Wolvius, Sarah Versnel
Institution(s): Erasmus Medical Center, Rotterdam, The Netherlands

Abstract N°: 153

Robot-Assisted Augmented Reality Navigation for Osteotomy and Personalized Guide-Plate in Mandibular Reconstruction: A Preclinical Study

Presenter: Xing Li (China)
Author(s): Xing Li, Long Shao, Xiaojun Wang, Tao Zhang
Institution(s): Department of Plastic and Reconstructive Surgery, Peking Union Medical College Hospital, Beijing, China

Abstract N°: 177

Revisiting the Oosterhout Forehead Feminization Classification System: CT Characterization of Frontal Sinus Anatomy and Surgical Decision-Making

Presenter: Alexander Andrew Argame (United States)
Author(s): Alexander Andrew Argame, Iris Deng, Kaavian Shariati, Stacey Francis
Institution(s): Kaiser Permanente Bernard J. Tyson School of Medicine, Pasadena, CA, United States

Abstract N°: 199

Hypoxia-Induced HUVEC-Derived Exosome-Functionalized Hydrogel for Promoting Skin Defect Repair

Presenter: Zhenming Li (China)
Author(s): Zhenming Li, Xudong Wang
Institution(s): Shanghai Ninth People's Hospital, Shanghai, Shanghai, China

Abstract N°: 268

Correlation Study of Ramus-Preserving Mandibular Angle Osteotomy and Lower Facial Soft Tissue Sagging: A Retrospective Analysis of 104 Cases

Presenter: Zhang Yichi (China)
Author(s): Zhang Yichi
Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai 9th People's Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China

Abstract N°: 285

Cleft Lip Repair Associated with a Rare Postoperative Infection Serratia Marcescens: A Rare Case Report

Presenter: Amina Al-Yaqoobi (Oman)
Author(s): Amina Al-Yaqoobi, Sheikhan Al-Hashmi, Ruqaya Al-Abri, Fatma Al-Habsi
Institution(s): Khoula Hospital, Muscat, Oman

Abstract N°: 342

Endoscopic-Assisted Forehead Augmentation with Polyetheretherketone (PEEK) Patient-Specific Implant (PSI) for Aesthetic Considerations

Presenter: Kaili Yan (China)
Author(s): Kaili Yan, Chongxu Qiao, Guoping Wu
Institution(s): The Affiliated Friendship Plastic Surgery Hospital of Nanjing Medical University, Nanjing, Jiangsu Province, China

Abstract N°: 346

Endoscopic-Assisted Mandibular Angle Revision Using Patient-Specific PEEK Implants: Surgical Accuracy and Aesthetic Outcomes in Over-Resected Mandibles

Presenter: Miao Junyan (China)
Author(s): Miao Junyan, Yan Shunchao, Wu Guoping
Institution(s): Department of Plastic Surgery, The Affiliated Friendship Plastic Surgery Hospital of Nanjing Medical University, Nanjing, Jiangsu Province, China

Abstract N°: 386

Emerging Functionalized Artificial Periosteal: Diverse Origins, Multifaceted Roles and Therapeutic Frontiers

Presenter: Yankun Luo (China)
Author(s): Yankun Luo, Hongpu Wei, Xudong Wang
Institution(s): Department of Oral and Cranio-Maxillofacial Surgery, Shanghai Ninth People's Hospital, College of Stomatology, Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 388

Six1 Regulates Mandibular Osteogenic Differentiation by Regulating Bmp4

Presenter: Songyuan Luo (China)

Author(s): Songyuan Luo, Zhixu Liu, Shuai Wang, Guangpeng Yin, Qian Bian, Xudong Wang

Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 405

Evaluating Surgical Accuracy in Bimaxillary Surgery: A Systematic Review and Meta-Analysis of Mandible-First versus Maxilla-First Approaches

Presenter: Jingyi Xu (China)

Author(s): Jingyi Xu, Shunchao Yan, Guoping Wu

Institution(s): The Affiliated Friendship Plastic Surgery Hospital of Nanjing Medical University, Nanjing, Jiangsu Province, China

Abstract N°: 407

Biplanar X-Rays to CT Images Using Two-Stage Diffusion Model

Presenter: Fan Xiao (China)

Author(s): Fan Xiao, Dongmin He, Xudong Wang

Institution(s): Department of Oral and Craniomaxillofacial Surgery, Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 446

Experimental Study of the Human-Machine Collaborative Augmented Reality Navigation System (HMARS) in Precision Reconstruction of Mandibular Defects

Presenter: Qing Sun (China)

Author(s): Qing Sun, Sifan Cao, Xing Li, Zhihui Zhu, Xiting Xiang, Xiao Long, Tao Zhang

Institution(s): Division of Maxillofacial Surgery, Department of Stomatology, Peking Union Medical College Hospital & Chinese Academy of Medical Science, Beijing, China; Department of Plastic and Reconstructive Surgery, Peking Union Medical College Hospital & Chinese Academy of Medical Science, Beijing, China

Abstract N°: 454

Effect of Distraction Osteogenesis on Velopharyngeal Complex in Patients with Maxillary Hypoplasia

Presenter: Yu Wu (China)

Author(s): Yu Wu, Yiyang Chen, Jiayu Liu, Zhiyuan Lu, Quan Wan, Wanqiu Wu

Institution(s): Department of Otolaryngology Head and Neck Surgery, Guangzhou Medical University Women and Children's Medical Center, Guangdong Provincial Clinical Research Center for Child Health, Guangzhou, China

Abstract N°: 535

Aesthetic Lateral Canthoplasty: A Gray Line Split Approach

Presenter: Aiguo Xie (China)

Author(s): Aiguo Xie

Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 539

Combined Transverse Incision and Pouch Incision for the Correction of Medial Epicanthus

Presenter: Aiguo Xie China

Author(s): Aiguo Xie

Institution(s): Department of Plastic and Reconstructive Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 578

Effect of PDGF-BB on Osteoblastic Cells and Human Umbilical Vein Endothelial Cells Pretreated by Alendronate

Presenter: Wang Rihui (China)

Author(s): Wang Rihui, Huang Li

Institution(s): The First Affiliated Hospital of Fujian Medical University, Fuzhou, Fujian, China

Abstract N°: 582

Hierarchical Micro/Nano-Structured Topographies Regulating Osteogenesis of BMSCs through the SEMA7A/ITGB1/FAK/ERK Signaling Pathway

Presenter: Jinkai Zhang (China)

Author(s): Jinkai Zhang, Kaili Lin, Xudong Wang

Institution(s): Department of Oral and Cranio-maxillofacial Surgery, Shanghai Ninth People's Hospital, College of Stomatology, Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 621

Rapid and Ultrasensitive Detection of Staphylococcus Aureus by a One-Pot System Integrating Pyrococcus Furiosus Argonaute with Loop-Mediated Isothermal Amplification

Presenter: Guangda Li (China)

Author(s): Guangda Li, Jiajun Wang, Lei Tian, Mingchao Ding, Jingfu Wang

Institution(s): Department of Oral and Maxillofacial Surgery, School of Stomatology, The Fourth Military Medical University, Xi'an, Shaanxi, China

Abstract N°: 623

Correction of the Constricted Nasal Sill Using the Perialar Petal Flap

Presenter: Mei Ling Loh (Singapore)

Author(s): Mei Ling Loh, Michael Ku Hung Hsieh, Gale Jue Shuang Lim, Tze Yean Kong, Josephine Cheng Hwee Tan, Yong Chen Por

Institution(s): KK Women's and Children's Hospital, Singapore, Singapore

Abstract N°: 638

Sandwich Technique for Alveolar Bone Grafting: Efficiency and Complications

Presenter: Xuefei Pang (China)

Author(s): Xuefei Pang, Ming Cai

Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine; College of Stomatology, Shanghai Jiao Tong University School of Medicine; National Center for Stomatology; National Clinical Research Center for Oral Diseases; Shanghai Key Laboratory of Stomatology; Shanghai Research Institute of Stomatology; Shanghai Research Institute of Stomatology; Research Unit of Oral and Maxillofacial Regenerative Medicine, Chinese Academy of Medical Sciences., Shanghai, Shanghai, China

Abstract N°: 649

Frontal -Nose-Orbital Bone Osteotomy for the Treatment of Orbital Hypertelorism

Presenter: Weimin Shen (China)

Author(s): Weimin Shen

Institution(s): Department of Burn And Plastic Surgery, Children's Hospital of Nanjing Medical University, Nanjing, China

Abstract N°: 653

**Changes of Facial Attentional Bias to Menton Deviation of Orthognathic Patients:
An Eye-Tracking Study**

Presenter: Xinxin Wang (China)
Author(s): Xinxin Wang, Kai Liu, Xudong Wang
Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, Shanghai, China; College of Stomatology, Shanghai Jiao Tong University, Shanghai, Shanghai, China; National Center for Stomatology; National Clinical Research Center for Oral Diseases; Shanghai Key Laboratory of Stomatology, Shanghai, Shanghai, China

Abstract N°: 660

Global, Regional, and National Burden of Orofacial Clefts, 1990-2021: An Analysis of Data from the Global Burden of Disease Study 2021

Presenter: Zhenghao Wang (China)
Author(s): Zhenghao Wang, Weikun Qi, Yiru Chen, Feng Niu
Institution(s): Plastic Surgery Hospital, Beijing, China; Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China

Abstract N°: 664

Single Cell Sequencing Reveals the Mechanism of Dlx2 in the Development of Maxillary Processes in Mice

Presenter: Jian Sun (China)
Author(s): Jian Sun, Xudong Wang
Institution(s): The Ninth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 668

Controlled Delivery of HIF-1 α via Collagen-Binding Extracellular Vesicles for Enhanced Wound Healing: Toward Craniofacial Regeneration

Presenter: Young Soo Yoon (Korea, Republic of)
Author(s): Sungmi Jeon, Jee Hyeok Chung, Iljin Kim, Young Soo Yoon
Institution(s): Seoul National University College of Medicine, Seoul, Seoul, Korea, Republic of; Seoul National University Hospital, Seoul, Seoul, Korea, Republic of

Abstract N°: 697

Distraction Osteogenesis Combined with Orthodontic Treatment for Complex Dentofacial Deformities in Cleft Lip and Palate

Presenter: Yanfei Zhu (China)
Author(s): Yanfei Zhu, Min Zhu
Institution(s): Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, Shanghai, China

Abstract N°: 733

Nitrate Promotes the Survival of Diabetic Skin Flaps by Enhancing Autophagy via the AMPK Signaling Pathway

Presenter: Mozi Li (China)
Author(s): Mozi Li
Institution(s): Beijing Stomatological Hospital, Beijing, China

Abstract N°: 802

Ten Steps to Enhance Aesthetic and Reconstructive Outcomes in Unilateral Cleft Lip Repair with the Millard Technique

Presenter: Osmani Andrés Castillo Garrido (Mexico)

Author(s): Kenzo Alejandro Fukumoto Inukai, Rogelio Martínez Wagner, Lidia Mendoza Andrade, Osmani Andrés Castillo Garrido, Karla Inés Martínez Armendariz, Alejandra Nicole Llamas Ostos
Institution(s): Hospital General Dr. Manuel Gea González, Mexico City, Mexico City, Mexico

Abstract N°: 819

Rhinoplasty and Septal Perforation Repair for Saddle Nose Deformity in a Patient with Propylthiouracil-Included Vasculitis and Graves' Disease

Presenter: Ingrid Asali (Indonesia)
Author(s): Ingrid Asali, Alki Andana
Institution(s): Department of Plastic Reconstructive and Aesthetic Surgery, Dr. Soetomo Hospital, Surabaya, Indonesia

Abstract N°: 822

Clinical Features of Van der Woude Syndrome in Three-Generation Indonesian Family

Presenter: Shania Priza Adelia (Indonesia)
Author(s): Shania Priza Adelia, Lobredia Zarasade
Institution(s): Department of Plastic Surgery, Reconstructive, and Aesthetic, Faculty of Medicine, Universitas Airlangga, Dr. Soetomo General Academic Hospital, Surabaya, East Java, Indonesia

Abstract N°: 827

Enhancing Global Surgical Capacity Through Simulation-Based Training: Insights from the First South African Comprehensive Cleft Care Workshop

Presenter: Raj Vyas (United States)
Author(s): Roland Assaf, Dana Andari, Beyhan Annan, Saleigh Adams, Raj Vyas, Usama Hamdan
Institution(s): Global Smile Foundation, Boston, MA, United States

Abstract N°: 837

Sphenoid Wing Dysplasia: Report of 3 Cases

Presenter: Ali Azeem Naqvi (Pakistan)
Author(s): Ali Azeem Naqvi
Institution(s): Bahria International Hospital, Rawalpindi, Punjab, Pakistan

Thursday, October 30, 2025

Poster Session 3

Jing An Grand Ballroom III

Open for viewing from first Coffee Break to last session. Poster presentations will take place during Lunch Break.

Abstract N°: 64

8 Year Follow-Up for a Devastating Hemifacial Electrical Burn: Reconstruction of a Lower Eyelid Ectropion and Peri-Oral Contractures

Presenter: Chuan Han Ang (Singapore)

Author(s): Chuan Han Ang, Catherine TH Lee, Yong Chen Por, Megan Loy, Khong Yik Chew

Institution(s): Singapore General Hospital, Singapore

Abstract N°: 137

Polarized M2 Macrophages Induced by Mechanical Stretching Modulate Bone Regeneration of the Craniofacial Suture for Midfacial Hypoplasia Treatment

Presenter: Wei Liang (China)

Author(s): Wei Liang, Hongsen Bi, Yang An, Xin Yang, Hongyu Xue, Zhenmin Zhao

Institution(s): Peking university third hospital, Beijing, Haidian, China

Abstract N°: 154

Treatment of Maxillary Retrusion via Lefort I Osteotomy Combined with Distraction Osteogenesis in Patients with Cleft Lip and Palate: A Retrospective Cohort Study

Presenter: Liangliang Kong (China)

Author(s): Liangliang Kong, Yi Ji, Jie Cui, Weimin Shen

Institution(s): Children's Hospital of Nanjing Medical University, Nanjing, Jiangsu, China

Abstract N°: 198

Application of Digital Surgical Techniques of Trauma-Induced Occlusal Disorder

Presenter: Feng Qiu (China)

Author(s): Feng Qiu

Institution(s): Ninth People's Hospital, Shanghai Jiao Tong University of Medicine, Shanghai, Shanghai, China; Affiliated Stomatological Hospital of Guilin Medical University, Guilin, Guangxi, China

Abstract N°: 204

One Piece Milled PEEK (Polyetheretherketone) PSI for Inferomedial Blow-Out Fractures

Presenter: Dong Yeon Kim (Korea, Republic of)

Author(s): Dong Yeon Kim

Institution(s): The Catholic University of Korea, Seoul, Korea, Republic of

Abstract N°: 219

Single-Cell RNA Sequencing Reveals Mitochondrial Dysfunction in Microtia Chondrocytes

Presenter: Xin-yu Li (China)

Author(s): Xin-yu Li

Institution(s): Shanghai Ninth People's Hospital, Shanghai, China

Abstract N°: 235

Digital Design and 3D Printing Technology-Assisted Treatment of a Patient with Mandibular Asymmetry: A Case Report

Presenter: Lifeng Li (China)

Author(s): Lifeng Li, Xiaoyi Hu

Institution(s): Department of Cranio-Maxillofacial Trauma and Plastic Surgery, College of Stomatology, Xi'an Jiaotong University, Xi'an, Shaanxi, China

Abstract N°: 243

'FACE ME': The Impact and Value of an Arts-Based Project about the Patient-Parent-Clinician Relationship in European Reference Network CRANIO

Presenter: Mariët Faasse (The Netherlands)

Author(s): Mariët Faasse, Barbara Groot, Sandra Boer, Cathy Hassels Mönning, Hewald WJM Jongenelis, Marizela Kljajic, Irene MJ Mathijssen, Mariska van Opstal, Indy van den Ouweland, Jochem KH Spoor, Ulrich-Wilhelm Thomale, Sylvie Zijlmans, Aafke G Coopmans, Hester M van de Bovenkamp

Institution(s): Erasmus School of Health Policy & Management, Erasmus University, Rotterdam, The Netherlands; ERN CRANIO, Rotterdam, The Netherlands; Dutch National Patient and Parents Society for congenital craniofacial conditions, Landelijke Patienten- en Oudervereniging voor Schedel- en/of Aangezichtsandoeningen, (LAPOSA), Eindhoven, The Netherlands

Abstract N°: 281

Nursing Care of a Patient Undergoing Carotid Artery Reconstruction for Secondary Malignant Tumour of the Neck

Presenter: Zhuang Panpan (China)

Author(s): Zhuang Panpan, Zheng Xiaoyan

Institution(s): The First Hospital of Fujian Medical University, Fuzhou, China

Abstract N°: 309

Outcomes in Endoscopic Strip Craniectomy Before Three Months of Age for Nonsyndromic Craniosynostosis

Presenter: Robin T. Wu (United States)

Author(s): Aura Sofia Eguizabal Flores, Robin T. Wu, Olubunmi A. Fariyike, Payton Grande, María Valentina Suarez-Nieto, Shannon Beres, Laura M. Prolo, Kelly B. Mahaney, Rohit Khosla, H. Peter Lorenz

Institution(s): Stanford University, Palo Alto, CA, United States

Abstract N°: 312

A Single Institution's Experience with Posterior Vault Distraction Osteogenesis in a Low Resource Environment

Presenter: Austin Lignieres (United States)

Author(s): Austin Lignieres, Samantha Morin, Kendall Pitre, Kurre Luber, Ronald McCall, Holman Taylor, Laxmi Dhungel, Laura Humphries, Ian Hoppe

Institution(s): University of Mississippi Medical Center, Jackson, MS, United States

Abstract N°: 329

Diagnosis Specific Webinars for Patients and Caregivers

Presenter: Jacoba Kats (The Netherlands)

Author(s): Jacoba Kats, Elin Weissbach

Institution(s): Erasmus MC, Department of Plastic, Reconstructive and Hand Surgery, Rotterdam, The Netherlands

Abstract N°: 400

Patient Satisfaction Following Secondary Rhinoplasty Using Teostrut and Diced Costal Cartilage in Cleft Lip and Palate: A Serial Case Report

Presenter: Rininta Christabella (Indonesia)

Author(s): Kristaninta Bangun, Rininta Cristabella

Institution(s): Cleft Craniofacial Center, Cipto Mangunkusumo Hospital, Faculty of Medicine, Universitas Indonesia, Jakarta, DKI Jakarta, Indonesia

Abstract N°: 419

Analysis Factors Influencing Postoperative Infection Following Mandibular Distraction Osteogenesis for Pierre-Robin Syndrome

Presenter: Wanqiu Wu (China)
Author(s): Wanqiu Wu, Jiayu Liu, Zhiyuan Lu, Yu Wu, Quan Wan, Yiyang Chen
Institution(s): Guangzhou Medical University Women and Children's Medical Center, Guangdong Provincial Clinical Research Center for Child Health, Guangzhou, Guangdong, China

Abstract N°: 429

Post-Traumatic Necrosis of the Maxilla and Palate: A Rare Case Report

Presenter: Eveline Kezia (Indonesia)
Author(s): Eveline Kezia, Lobredia Zarasade
Institution(s): Department of Plastic Surgery, Reconstructive, and Aesthetic, Faculty of Medicine, Universitas Airlangga, Dr. Soetomo General Academic Hospital, Surabaya, East Java, Indonesia

Abstract N°: 438

Delayed Reconstruction of a Complex Midfacial Fracture: A Case of Neglected Orbitozygomaticmaxillary Fractures

Presenter: Yesica Yesica (Indonesia)
Author(s): Yesica Yesica, Lobredia Zarasade
Institution(s): Department of Plastic Surgery, Reconstructive, and Aesthetic, Faculty of Medicine, Universitas Airlangga, Dr. Soetomo General Academic Hospital, Surabaya, East Java, Indonesia

Abstract N°: 439

Day Surgery Management and Enhanced Recovery for Palatoplasty: Shanghai Experiences

Presenter: Huilin Wang (China)
Author(s): Huilin Wang, Ming Cai
Institution(s): Shanghai Ninth People's Hospital, Shanghai, China

Abstract N°: 483

Scalp Tissue Expansion in Delayed Cranioplasty: Case Series in a Pediatric Population at a Tertiary-Level Hospital in Cali, Colombia

Presenter: Diego Jose Caycedo García (Colombia)
Author(s): Laura Marcela Mosquera Salas, Marcela Cabal, Diego Jose Caycedo García
Institution(s): Universidad del Valle, Cali, Valle del Cauca, Colombia

Abstract N°: 484

Pediatric Patient Blood Management for Craniofacial Surgery

Presenter: Abigail Cole (United Kingdom)
Author(s): Abigail Cole, Owase Jeelani, Greg James, Dulanka Silva, Juling Ong, Simon Eccles, David Dunaway, Graeme Glass, Pamela Cupples, Sally Wilmshurst, Kar-binh Ong, Usman Ali
Institution(s): Department of Anaesthesia and Pain medicine, Great Ormond Street Hospital for Children NHS Foundation Trust, London, United Kingdom

Abstract N°: 498

A Case Report of Maxillofacial Fracture and Multiple Injury on Pregnancy Women

Presenter: Lilyana Ulfa Wulandari (Indonesia)
Author(s): Lilyana Ulfa Wulandari, Siti Isya Wahdini
Institution(s): Ringroad Selatan General Hospital, Yogyakarta, Yogyakarta, Indonesia

Abstract N°: 538

Midterm Assessment of Mandibular Distraction Osteogenesis in Hemifacial Microsomia

Presenter: Xinhai Ye (China)
Author(s): Xinhai Ye, Jinchao Yu
Institution(s): Eye & ENT Hospital Fudan University, Shanghai, China

Abstract N°: 545

Progressive Overgrowth of Costochondral Graft in a Hemifacial Microsomia: A Rare and Severe Case Report

Presenter: Carolus Aldo Windura (Indonesia)
Author(s): Carolus Aldo Windura, Lobredia Zarasade
Institution(s): Department of Plastic Surgery, Reconstructive, and Aesthetic, Faculty of Medicine, Universitas Airlangga, Dr. Soetomo General Academic Hospital, Surabaya, East Java, Indonesia

Abstract N°: 571

Association between Craniofacial Microsomia Severity and Patient Reported Outcomes: A Pilot Study Using FACE-Q and PROMIS Measures

Presenter: Alexis Malory (United States)
Author(s): Megan Perez, Kelsey Green, Jessamyn Balma, Alexis Malorys, Chad Purnell
Institution(s): Division of Plastic Surgery, Northwestern University, Chicago, IL, United States

Abstract N°: 579

Application of 3D Printed Personalized PEEK Prosthesis Material in Repairing Severe Facial Soft and Hard Tissue Deformities after Radiotherapy

Presenter: Yupeng Wu (China)
Author(s): Yupeng Wu, Xiao Zhang, Yanshan Liu
Institution(s): Affiliated Hospital, Qingdao University, Qingdao, Shandong, China

Abstract N°: 595

Psychosocial Challenges and Mental Health Outcomes in Individuals with Microtia

Presenter: Cindy Vu (United States)
Author(s): James Antongiovanni, Chizoba Mosieri, Peter Dinh, Medha Vallurupalli, Yash Mehta, Nikhil Shah, Andreina Gonzalez, Van Hoang, Omotayo Arowojolu, Miles Pfaff, Raj Vyas
Institution(s): UC Irvine Plastic Surgery, Orange, CA, United States; WSU Elson S. Floyd College of Medicine, Spokane, WA, United States

Abstract N°: 614

Orthognathic Surgery of Goldenhar Syndrome Patient with Absent Bilateral Mental Foramina

Presenter: Jaewoo Kim (Korea, Republic of)
Author(s): Jaewoo Kim, Jee Hyeok Chung
Institution(s): Seoul National University College of Medicine, Seoul, Korea, Republic of; SMG-SNU Boramae Medical Center, Seoul, Korea, Republic of

Abstract N°: 643

Simultaneous Orthognathic Surgery and Mandibular Vascularized Reconstruction (SOM) for Adult Type III Hemifacial Microsomia

Presenter: Jian Cao (China)
Author(s): Jian Cao, Xudong Wang
Institution(s): Department of Oral and Caniomaxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 646

Perioperative Nursing of Condylar Osteochondroma Supported by Digital Surgery and Microsurgery

Presenter: Qin Zhang (China)
Author(s): Qin Zhang, Ting Liu, Lian-Tian Jiang, Jing-Shuang Yu, Wen-Jun Zhou
Institution(s): Shanghai Ninth People's Hospital . Shanghai JiaoTong University School of Medicine, Shanghai, China

Abstract N°: 648

Perioperative Nursing Care of Patients Undergoing „Simultaneous Orthognathic and Micro-Surgery (SOM)“ During the Same Period

Presenter: Xudong Wang (China)
Author(s): Ting Liu, Jiali Zheng, Ying Shan, Zhenming Li, Jian Cao, Xudong Wang
Institution(s): Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 656

Perioperative Nursing Care of Patients Undergoing „Simultaneous Orthognathic and Micro-Surgery (SOM)“ During the Same Period

Presenter: Ting Liu (China)
Author(s): Jiali Zheng, Yi Zhu, Hao Sun, Ting Liu
Institution(s): Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 661

Development of a Classification Framework for Temporomandibular Joint Disc Deformities in Hemifacial Microsomia

Presenter: Yisheng Feng (China)
Author(s): Yisheng Feng, Xiaochen Xue, Zhixu Liu, Hongpu Wei, Xudong Wang
Institution(s): Department of Oral and Cranio-Maxillofacial Surgery, Shanghai Ninth People's Hospital College of Stomatology, Shanghai Jiao Tong University School of Medicine, Shanghai, China; National Clinical Research Center for Oral Diseases, Shanghai, China

Abstract N°: 663

Impact of Reverse Trendelenburg Position on Perioperative Management in Office-Based Orthognathic Surgery

Presenter: Akira Kaneyama (Japan)
Author(s): Akira Kaneyama, Takahiro Yamamoto, Toru Aso
Institution(s): Tokyo Cosmetic Surgery, Tokyo, Japan, Contour Clinic Tokyo, Tokyo, Japan

Abstract N°: 665

Midfacial Distraction Osteogenesis in Down Syndrome: Treatment Experience and Surgical Considerations

Presenter: Joceline Theda Kadarman (Japan)
Author(s): Joceline Theda Kadarman, Nobuyuki Mitsukawa
Institution(s): Department of Plastic, Reconstructive, and Aesthetic Surgery, Graduate School of Medicine, Chiba University, Chiba, Japan

Abstract N°: 674

Introduction of Digital-Assisted Multidisciplinary Treatment in the Functional and Morphological Reconstruction of Naso-Orbital-Ethmoid Fractures

Presenter: Xiaofeng Xu (China)
Author(s): Xiaofeng Xu, Shilei Zhang
Institutions(s): Department of Oral and Cranio-Maxillofacial Surgery, Shanghai Ninth People's Hospital, Shanghai, China

Abstract N°: 678

Harmonizing Craniostylosis Care: European Guideline Collaborative Development within ERN CRANIO

Presenter: Lauren Clement (The Netherlands)
Author(s): Lauren Clement, Irene Mathijssen, ERN CRANIO Craniostylosis Working Group
Institution(s): Erasmus Medical Center, Rotterdam, The Netherlands

Abstract N°: 696

New Technique of Precise Repair and Reconstruction of Comminuted Fracture of Mandible

Presenter: Yong Zhang (China)
Author(s): Yong Zhang, Shilei Zhang
Institution(s): Ninth People's Hospital affiliated to Shanghai Jiao Tong University School of Medicine, Shanghai, China

Abstract N°: 704

Decorin Attenuates Hypertrophic Scar Fibrosis via TGFβ/Smad Signaling

Presenter: Jiangtao Cui (China)
Author(s): Jiangtao Cui, Xiaoyi Hu
Institution(s): Key Laboratory of Shaanxi Province for Craniofacial Precision Medicine Research, College of Stomatology, Xi'an Jiaotong University, Xi'AN, China

Abstract N°: 705

Functional Outcomes Following Open vs. Closed Treatment of Intracapsular Condylar Head Fractures: A 10-Year Retrospective Cohort Study

Presenter: Monica Maria Illescas Ralda (Taiwan (China))
Author(s): Monica Maria Illescas Ralda, Han-Tsung Liao
Institution(s): Chang Gung Memorial Hospital, Taoyuan, Taoyuan, Taiwan (China)

Abstract N°: 706

Differences in Psychosocial Outcomes Between Age and Gender in Pediatric Patients with Malocclusion

Presenter: Xinfel Miao (United States)
Author(s): Chizoba A. Mosieri, James Antongiovanni, Ashton Rosenbloom, Medha Vallurupalli, Yash Mehta, Michael Roche, Nikhil Shah, Andreina Gonzalez, Omotayo Arowojolu, Van Hoang, Douglas Olson, Sharon Vargas, Olga Guijon, Roza Mahdiyari, Touran Zadeh, Miles Pfaff, Raj Vyas, Xinfel Miao
Institution(s): Louisiana State University School of Medicine, Shreveport, LA, United States; Department of Plastic Surgery, University of California Irvine Health Medical Center, Orange, CA, United States; Children's Hospital of Orange County, Orange, CA, United States

Abstract N°: 720

A 5-Year-Plus Multidisciplinary Approach for a LEOPARD Syndrome Patient with Severe Dentofacial Deformity: Orthodontic-Orthognathic Treatment and Oral Health Management

Presenter: Xiaotao Xing (China)
Author(s): Xiaotao Xing, Xudong Wang
Institution(s): Department of Oral and Craniomaxillofacial Surgery, Shanghai Ninth People's Hospital Shanghai Jiao Tong University School of Medicine, Shanghai, China; College of Stomatology, Shanghai Jiao Tong University, Shanghai, China; Key Laboratory of Shaanxi Province for Craniofacial Precision Medicine Research, College of Stomatology, Xi'an Jiaotong University Laboratory Center of Stomatology, College of Stomatology, Xi'an Jiaotong University, Xi' an, Shanxi, China

Abstract N°: 730

Le Fort III Distraction Osteogenesis: Two Decades in Review

Presenter: Mattia Moretti (Italy)
Author(s): Mattia Moretti, Fabio Mazzoleni, Giorgio Novelli, Maria Costanza Meazzini
Institution(s): Pediatric Craniofacial Malformations Unit, Smile House Monza - Craniofacial Center, Fondazione IRCCS San Gerardo dei Tintori, Monza, Italy

Abstract N°: 746

Demographic and Clinical Variables Remain Poor Predictors of the Need for Postoperative Transfusion among Patients Undergoing Surgical Repair of Nonsyndromic Craniostylosis

Presenter: Robin Wu (United States)
Author(s): Olubunmi A. Fariyike, Payton Grande, María Valentina Suarez-Nieto, Aura S. Eguizabal, Robin T. Wu, Rohit Khosla, H. Peter Lorenz
Institution(s): School of Medicine, Stanford University, Stanford, CA, United States; College of Medicine, University of Tennessee Health Science Center, Memphis, TN, United States; Department of Plastic and

Reconstructive Surgery, Stanford University School of Medicine, Stanford, CA, United States

Abstract N°: 750

Rib Autograft vs. Porous Polyethylene Implant Outcomes in Microtia Reconstruction: A Meta-Analysis and Systematic Review

Presenter: Theodore Hyman (United States)

Author(s): Sofia Finestone, Liara S. Ortiz-Ocasio, Arjun Shetty, Brandon Boyarsky, Stephanie Vu, Nicole Derdzakyan, Md Sohel Rana, Gary Rogers, Albert Oh

Institution(s): Division of Plastic & Reconstructive Surgery, Children's National Hospital, Washington, DC, United States

Abstract N°: 830

Increased Referral Volume to a Multidisciplinary Craniosynostosis Clinic Following a Coordinated Educational and Outreach Initiative for Referring Providers

Presenter: Jessica Blum (United States)

Author(s): Jessica Blum, Aidan O'Shea, Nastassja Petermann, Catharine Garland, Daniel Cho

Institution(s): University of Wisconsin Madison, Madison, WI, United States

Abstract N°: 851

Condylar Hyperplasia : A Rare Case Report and Literature Review

Presenter: Danu Caraka Alam (Indonesia)

Author(s): Danu Caraka Alam, Kezia Eveline, Magda Hutagalung

Institution(s): University Airlangga, Surabaya, East Java, Indonesia

SPEAKER INSTRUCTIONS

SPEAKING TIME

Podium presentations have mostly 4min speaking time. In the interest of a smooth congress process, speakers are requested to take their seats in the front row of the meeting room before the start of their respective session.

In the spirit of collegiality, we ask that you do not exceed your speaking time.

Timing needs to be very strict. The green light on the podium speaker timer will turn yellow at one minute remaining and the microphone will be cut off if you talk more than 30 seconds after the solid red light

DISCUSSION

Discussion remarks are to be spoken freely. No projections are permitted during discussions.

The audience is requested to use the microphones located in the aisles and to state their name, institution and country at the beginning of their remarks.

IMAGE PROJECTION

PCs with PowerPoint for 16:9 projection are provided. The use of your own laptop is not permitted. Upload or check your presentation in the Speaker Ready Room no later than two hours before the start of your session. Film files or special fonts (characters) must be embedded. Our AV team will delete all files after the Congress.

MICROPHONE

Wireless handheld or lectern microphones are available for speakers' choice.

DEALING WITH CONFLICTS OF INTEREST

Presentations must follow the slide format below:

- 1st Slide – Must include title and speaker name.
- 2nd Slide – Must include disclosures of all financial relationships with ineligible companies. If you have nothing to declare, please state: **I do not have any financial relationships.**

NOTES ON THE POSTER PRESENTATIONS

The poster exhibition will take place in Jing An Grand Ballroom III.

Posters should be attached to poster boards in the designated location with provided pins.

The abstract number indicated in the program is noted on the poster board. Posters will only be accepted in paper format no larger than A0 portrait (width: 84,1 cm x height: 118,9 cm or 33,11 x 46,81inch).

Presenters should stand by their posters during the lunch break on their assigned day. Lunch will be served close to the posters to encourage people to enjoy the poster room.

Judging for Best Poster Award will take place during lunch each day.

We kindly ask you to remove your poster at the end of the congress. We ask for your understanding that posters left behind cannot be forwarded and will be discarded.

CONGRESS FEES

Congress Fees | October 28-30, 2025

	Onsite Registration Fee: from October 27, 2025
Active and Associate Member	\$1,350.00
Resident/Registrar/Fellow Member	\$700.00
Non-Member	\$1,550.00
Current Non-Member Resident / Registrar / Fellow / Medical Student (1)	\$800.00
Accompanying Person / Practice Manager / Office Staff / Non-MD Team Member (2)	\$800.00
Day Ticket	\$500.00

Pre-Congress Symposium Fee | October 27, 2025

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(1) requires proof of status by letter from program director including dates of training.

(2) requires proof of status by letter from employer.

All registered participants fees include: congress materials, admittance to the scientific sessions, coffee breaks, lunches and the welcome reception. Prices are in USD.

Social Program Fees

Welcome Reception October 28, 2025	included
Gala Dinner Shangri-La Jing An, October 29, 2025	\$150.00

INFORMATION

CERTIFICATE OF ATTENDANCE

Certificate of attendance will be provided for all delegates who have filled in the required evaluation form for all sessions after the event via Email.

OFFICIAL LANGUAGE

Organized by an International Scientific Society, all presentations will be given in English. For your convenience, AI-generated bilingual subtitles will be shown on the main screen and are also accessible personally. By scanning the QR code with your phone, you can open a translation mini-program to receive synchronized captions and listen to the Chinese audio translation through your headphones during the presentations.

EXHIBITION

We are pleased to have the accompanying industry exhibition in the foyer. The coffee and lunch breaks will take place within the exhibition. You will find the exhibitor list on page 112.

CONGRESS VENUE

The meeting will take place at the Shangri-La Jing An.



Jing An Shangri-La, Shanghai

1218 Middle Yan'an Road, Jing An Kerry Centre
West Nanjing Road
Shanghai 200040, China
Tel: +86 21 2203 8888

Take the elevator next to reception in the lobby to go to the event area. Speaker Ready Room on Level 3, Jing An Grand Ballroom for Scientific Program on Level 5.

AIRPORT ACCESS

Shanghai has two international airports which are about 40 km apart: Pudong International Airport and Hongqiao International Airport.

Located in Pudong District in the coastal belt of Jiangzhen, Shiwan and Zhuqiao, about 30 km from Shanghai city center, Shanghai Pudong International Airport (IATA PVG) covers an area of 40 km². It averages some 560 flights

daily, accounting for around 60 percent of all flights registered daily in Shanghai. It opens to the air traffic of 48 Chinese and foreign airlines, covering 73 international (regional) cities and 62 domestic cities. The Shanghai Maglev, the world's first commercialized maglev line, has a station at the airport and connects to Longyanglu Station on Shanghai Subway Line 2. A single trip on the line takes about eight minutes.

Located in the western suburbs of the city, Shanghai Hongqiao International Airport (IATA SHA) lies about 13 km from the city center. Before the construction of Shanghai Pudong International Airport, Hongqiao was China's busiest airport. Averaging some 540 flights daily, it mainly undertakes the functions of international airport connections and domestic departures and arrivals.

Enquiry Hotline for Shanghai's Airports: 96990

Official Website: www.shanghaiairport.com

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Metro Line 2 (Pudong T1 and T2, Hongqiao T2) and Metro Line 10 (Hongqiao T1 and T2)

Taxi (approx. 42 minutes from Pudong International Airport and approx. 21 minutes from Hongqiao International Airport)

Please find more information here: www.shairport.com

TAXI

Most rides in Shanghai are booked through the **DiDi app**, rather than by calling a taxi company. If departing from the hotel, the concierge can arrange a ride for you.

Within DiDi, you can choose:

- **Taxi** – regular metered cab, payable via the app or in cash.
- **Private Car Service** – premium vehicles, payable only through the app.

Alternatively, you can flag a taxi on the street, but these accept cash only.

WIFI

Free wifi access is offered to all participants. You can find the password at Congress Registration.

USEFUL TELEPHONE NUMBERS

Emergency: Police 110 / Fire 119 / Ambulance 120

CONGRESS SECRETARIATE

boeld communication, Inc.

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SOCIAL EVENTS

Welcome Reception



Connect with friends and colleagues from all over the world over light refreshments in the exhibition area.

When: October 28, 2025 | 6:00 – 7:00 pm
Where: Exhibition Area, Hotel Shangri-La Jing An
Dress Code: Smart Casual

Gala Dinner



Step into an evening of elegance and celebration at the Congress Gala Dinner, held in the stunning Shangri-La Jing An Grand Ballroom — the heart of our congress venue. Enjoy a night of extraordinary Chinese cuisine, live entertainment, and inspiring conversations with fellow professionals from around the world. Whether you're reconnecting with old colleagues or making new connections, this is the social highlight of the congress you won't want to miss!

When: October 29, 2025 from 7:00 pm to 10:30 pm
Where: Hotel Shangri-La Jing An, Jing An Grand Ballroom, Level 5
Dress Code: Business Suit; Tickets required

ABOUT ISCFS

The International Society of Craniofacial Surgery (ISCFS) was founded in June 1983 in Montreal.



INTERNATIONAL SOCIETY OF CRANIOFACIAL SURGERY

The goals of ISCFS are to:

- Furnish leadership and foster advances in craniofacial surgery
- Provide a forum for exchange of knowledge pertaining to the practice
- Stimulate research, investigation, and teaching methods for preventing and correcting congenital and acquired craniofacial deformities
- Enhance the study and practice of craniofacial surgery
- Afford recognition to those who have contributed to craniofacial surgery by extending to them membership in the ISCFS

More Information at: www.iscfs.org

ISCFS BIENNIAL CONGRESS

The biennial Congress presents outcome studies and presentations of new techniques, as well as a focus on molecular biology as it relates to craniofacial growth and development, minimally invasive procedures for treatment of craniofacial anomalies such as distraction osteogenesis, the use of endoscopic procedures, application of advanced imaging techniques, and the continuing assessment of methodology currently in use.

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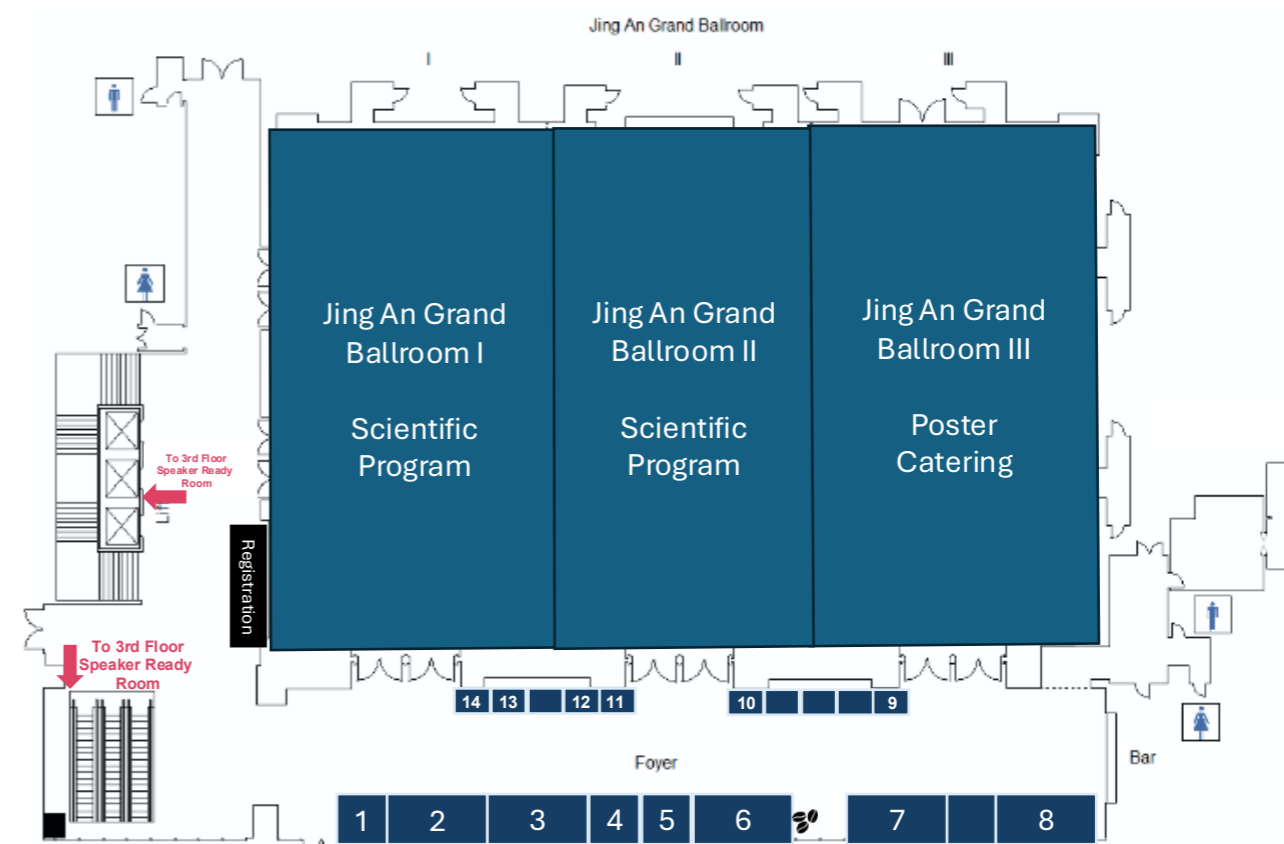
EXHIBITORS

- BEI ER KANG
- Bymax Co Ltd
- Cranial Technologies
- CranioRate/University of Pittsburgh Medical Center
- InMode
- ISCFS
- Johnson & Johnson MedTech
- KLS Martin Group
- Materialise
- Million Surgical
- Neitz Medical Technology (Shanghai) CO., LED
- Novaprint Therapeutics Suzhou Co., Ltd.
- Seouleaguer
- Stryker China

ENDORISING SOCIETIES

ANZCMFS – Australian and New Zealand Society of Craniomaxillofacial Surgeons
KAOMS – Korean Association of Oral and Maxillofacial Surgeons

FLOOR PLAN



N°	Company
1	ISCFS
2	Seouleaguer
3	KLS Martin Group
4	Novaprint Therapeutics Suzhou Co., Ltd.
5	Materialise
6	Johnson & Johnson MedTech
7	Stryker China
8	Cranial Technologies
9	Bymax Co Ltd
10	Million Surgical
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13	CranioRate
14	Neitz Medical Technology (Shanghai) CO., LED



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