

## Keynote Lecture

10:40 - 11:40 **Keynote Lecture 1** Monday 20 October ROOM 1 (1F Main Hall )  
Chair: Keiji Moriyama (Department of Maxillofacial Orthognathics Institute of Science Tokyo, Japan)

### **Advancing the Frontiers of Knowledge on Craniofacial Morphogenesis: My 35 Year Scientific Journey**

Rena N. D'Souza ((Former Lab Chief) Section on Craniofacial Genetic Disorders, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) and, (Former Director) National Institute of Dental and Craniofacial Research (NIDCR), National Institutes of Health (NIH), Bethesda, MD, USA)

11:10 - 12:10 **Keynote Lecture 2** Tuesday 21 October ROOM 1 (1F Main Hall )  
Chair: Takayoshi Sakai (Osaka University Graduate School of Dentistry, Japan)

### **Avatar and the future society**

Hiroshi Ishiguro (Osaka University, Japan)

9:00 - 10:00 **Keynote Lecture 3** Wednesday 22 October ROOM 1 (1F Main Hall )  
Chair: Felicity Vidya Mehendale (The University of Edinburgh, United Kingdom)

### **Team Building and Strategic Ecosystem Development for Effective Long-Term Cleft Palate Care: Experience from the Tawanchai Cleft Center, Thailand**

Bowornsilp Chowchuen (Khon Kaen University , Thailand)

9:00 - 10:00 **Keynote Lecture 4** Thursday 23 October ROOM 1 (1F Main Hall )  
Chair: Tadashi Yamanishi (Department of Oral and Maxillofacial Surgery, Osaka Women's and Children's Hospital, Japan)

### **Zen -Japanese spirituality-**

Sōgen Yamakawa (Myoshinji Zen Temple, Japan)

11:00 - 12:00 **Keynote Lecture 5** Friday 24 October ROOM 1 (1F Main Hall )  
Chair: Takayuki Okumoto (Department of Plastic and Reconstructive Surgery, Fujita Health University, School of Medicine, Japan)

### **kintsugi : Perfect Imperfection**

Kunio Nakamura (Studio Rokujigen, Japan)

## Symposium

9:00 - 10:30 **Symposium 1** **Monday 20 October ROOM 1 (1F Main Hall )**

**Approaches to Midface Deficiency in CL/P patients**

Chairs: Maria Costanza Meazzini (Regional Center for Cleft Lip and Palate, Fondazione Operation Smile Italia ETS, Department of Maxillo-Facial Surgery - ASST Santi Paolo e Carlo - San Paolo Hospital, Italy)

Takashi Yamashiro (Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, Osaka University, Japan)

**SY01-1 Rethinking Midface Advancement: Clinical Indications based on Timing and Severity of Hypoplasia**

Maria Costanza Meazzini (Regional Center for Cleft Lip and Palate, Fondazione Operation Smile Italia ETS, Department of Maxillo-Facial Surgery - ASST Santi Paolo e Carlo - San Paolo Hospital, Italy)

**SY01-2 Bimaxillary Modification with Bone Anchored Protraction in Patients with Cleft Lip and Palate**

Yijin Ren (University Medical Center Groningen, Netherlands)

**SY01-3 LeFort I Maxillary Distraction using Bollard plates and facemasks**

Stephen Yen (Children's Hospital Los Angeles, United States)

**SY01-4 Outcomes and Orthodontic Considerations of Alveolar Cleft Repair with Segmental LeFort I Osteotomy and Tertiary Gingivoperiosteoplasty in Cleft Lip and Palate Patients**

Ellen Wen-Ching Ko (Graduate Institute of Dental and Craniofacial Science, Chang Gung University, Taiwan / Department of Craniofacial Orthodontics, Taiwan)

**SY01-5 Faces of Change: Collaborative Solutions to Craniofacial Challenges**

Yu-Jen Michael Chang (Kaohsiung Chang Gung Memorial Hospital, Taiwan)

**SY01-6 Orthognathic Management of Cleft-Associated Maxillary Hypoplasia: Diagnosis, Treatment Planning, and Surgical Stability**

Pradip Shetye (NYU Langone Health, Wyss Department of Plastic Surgery, United States)

**SY01-7 A Lingual Ultrasound Study of Speech in Class III Patients, With and Without Cleft Lip and Palate, Following Orthognathic Surgery**

Laura A Jacox (University of North Carolina at Chapel Hill, United States)

14:40 - 16:10 **Symposium 2** **Monday 20 October ROOM 1 (1F Main Hall )**

**Harmony in cleft team care**

Chairs: Emily Rose Gallagher (University of Washington School of Medicine, United States)

Yoshimichi Imai (Department of Plastic and Reconstructive Surgery, Tohoku University Hospital, Japan)

**SY02-1 The evolution of our cleft palate treatment strategy for UCLAP by harmony in our multidisciplinary team**

Yoshimichi Imai (Department of Plastic and Reconstructive Surgery, Tohoku University Hospital, Japan)

- SY02-2**      **Comprehensive Treatment Outcomes for Children with Cleft Lip and Palate at the National Hospital of Odonto-Stomatology, Ho Chi Minh City**  
Thao Le Thu Nguyen (National Hospital of Odonto-Stomatology, Viet Nam / Operation Smile, Viet Nam)
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- SY02-3**      **Barriers and Facilitators to Women’s Career Advancement in Cleft Care: International Insights from a Qualitative Study**  
Alice Umutoni (Operation Smile International, United States)
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- SY02-4**      **Establishing Effective Practices for Multidisciplinary Team Building for Comprehensive Cleft Care in LMICs**  
Emily Rose Gallagher (University of Washington School of Medicine, United States)
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- SY02-5**      **Multicenter study: CLEFT-Q appearance outcomes at the end of treatment for patients with a cleft lip and/or palate**  
Isabelle Nicoline Siegert (Erasmus Medical Center, Netherlands)

**14:40 - 16:10**      **Symposium 3**      **Monday 20 October ROOM 2 (2F Room A)**  
**Multinational Project on Oral Health Resources for Individuals with Cleft Lip and Palate Available Across Different Countries**  
Chairs: Tsutomu Iwamoto (Department of Pediatric Dentistry / Special Needs Dentistry, Institute of Science Tokyo, Japan)  
Muthu Satta Murugan (CENTRE FOR EARLY CHILDHOOD CARIES RESEARCH / ADJUNCT RESEARCH PROFESSOR, SANTOSH (DEEMED TO BE) UNIVERSITY, India)

- SY03-1**      **COMPARATIVE ASSESSMENT OF DENTAL CARIES ORAL HYGIENE STATUS STREPTOCOCCUS**  
OMOLOLA OLUBUNMI ORENUGA (COLLEGE OF MEDICINE UNIVERSITY OF LAGOS, NIGERIA)
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- SY03-2**      **Caries Risk and Prevention Strategies for Children with Cleft Lip and Palate**  
Yuriko Maruya (Tohoku University, Japan)
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- SY03-3**      **Withdrawn**
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- SY03-4**      **Application of the COM-B Model with a CNS Team to Overcome Barriers in Delivering Standardised Oral Health Advice**  
Julie Marie Davies (North West North Wales & Isle of Man Cleft Network, United Kingdom)
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- SY03-5**      **Caries burden in Children with Cleft lip and Palate - Etiology and risk factors**  
Muthu Satta Murugan (CENTRE FOR EARLY CHILDHOOD CARIES RESEARCH / ADJUNCT RESEARCH PROFESSOR, SANTOSH (DEEMED TO BE) UNIVERSITY, India)

9:00 - 10:30 **Symposium 4** Tuesday 21 October ROOM 1 (1F Main Hall )  
**Esthetic mind of cleft repair**  
 Chairs: David K Chong (Department of Plastic and Maxillofacial Surgery, Royal Childrens Hospital, Australia)  
 Makoto Hikosaka (Division of Plastic Surgery, National Center for Child Health and Development, Japan)

**SY04-1** **The esthetic mind in cleft surgery: A single surgeon's experience of long-term outcomes of consecutive surgeries**  
 Ikkei Tamada (Plastic and Reconstructive Surgery, Tokyo Metropolitan Children's Medical Center, Japan)

**SY04-2** **Introducing Preservation Rhinoplasty Principles to Cleft Nasal Surgery: Unveiling the Role of Nasal Ligaments in Infant Anatomy.**  
 Daniela Y. S. Tanikawa (Menino Jesus Municipal Hospital, Brazil / Sabará Children's Hospital, Brazil / Smile Train's Latin America Medical Advisory Council, Brazil)

**SY04-3** **Primary Rhinoplasty in Unilateral Cleft Lip**  
 David K Chong (Department of Plastic and Maxillofacial Surgery, Royal Childrens Hospital, Australia)

**SY04-4** **Long-Term Outcomes of Early Cleft Lip Repair: A Retrospective Analysis of Aesthetic and Functional Results**  
 Raina K Patel (Children's Hospital Los Angeles, United States / Nova Southeastern University Dr. Kiran C. Patel College of Allopathic Medicine, United States)

**SY04-5** **The evolution of primary nasal reconstructions in bilateral cleft lips -personal experience in 38 years**  
 Philip Kuo-Ting Chen (Craniofacial Center, Taipei Medical University Hospital, Taiwan)

**SY04-6** **THREE DIMENSIONAL RECONSTRUCTION BASED ANTHROPOMETRIC OUTCOME ANALYSIS OF MEDIAN TUBERCLE CONTOUR IN MURTHY MODIFICATION OF BILATERAL CLEFT LIP REPAIR: A FIVE YEAR FOLLOW UP STUDY.**  
 Debarati Chattopadhyay (All India Institute of Medical Sciences, India)

16:00 - 17:30 **Symposium 5** Tuesday 21 October ROOM 1 (1F Main Hall )  
**Multidisciplinary treatment of upper airway obstruction in patients with craniofacial anomalies**  
 Chairs: Steven Goudy (Emory University, Children's Healthcare of Atlanta, United States)  
 HyeRan Choo (Stanford University / Lucile Packard Children's Hospital Stanford, United States)

**SY05-1** **The Stanford Orthodontic Airway Plate Treatment Program: Non-surgical airway treatment for infants with Pierre Robin Sequence**  
 HyeRan Choo (Stanford University / Lucile Packard Children's Hospital Stanford, United States)

**SY05-2** **Airway Evaluation For Patients Undergoing Stanford Orthodontic Airway Plate Treatment**  
 Douglas R. Sidell (Stanford University, United States)

**SY05-3** **Surgical Interventions in the Treatment of Upper Airway Obstruction (UAO) in Patients with Craniofacial Anomalies**  
 Christopher Robert Forrest (The Hospital for Sick Children, Canada)

<b>SY05-4</b>	<b>Optimizing Pierre Robin Sequence Management: A Multidisciplinary Approach to Improve Outcomes in Neonatal and Early Infancy Stages</b> Mattia Moretti (Pediatric Craniofacial Malformations Unit, Smile House Monza - Craniofacial Center, Fondazione IRCCS San Gerardo dei Tintori, Italy)
<b>SY05-5</b>	<b>Timing for definitive airway intervention for significant upper airway obstruction in Robin Sequence</b> Jonathan Simon Wheeler (Starship Children's Hospital, New Zealand)
<b>SY05-6</b>	<b>Outcomes of Tongue Reduction Surgery in Beckwith-Wiedemann Syndrome</b> Beraki Abraha (Faculty of Medicine, Dalhousie University, Canada)
<b>SY05-7</b>	<b>Managing the Continuum of OSA in Craniofacial Patients through Adulthood</b> Steven Goudy (Emory University, Children's Healthcare of Atlanta, United States)
<b>SY05-8</b>	<b>Obstructive Sleep Disordered Breathing: What should I know?</b> Norman R. Friedman (University of Colorado Anschutz Medical Campus/ Colorado Children's Hospital, United States)
<b>SY05-9</b>	<b>Upper Air Obstruction and the Role of Orthognathic Surgery in the Growing Pediatric Patient</b> Victor Chien (Cedars Sinai Medical Center, United States)
<b>SY05-10</b>	<b>Mandibular growth deficiency and the impact of neonatal upper airway obstruction severity on facial growth in Pierre Robin sequence: A retrospective study</b> Federica Maggiulli (CHU MONTPELLIER-HOPITAL LAPEYRONIE, France)
<b>SY05-11</b>	<b>Multi-tier Pre-surgical Evaluation for Obstructive Sleep Apnea Patients Undergoing Maxillomandibular Advancement</b> Cheng-Hui Lin (Craniofacial Center, Chang Gung Memeorial Hospital, Taiwan / Chang Gung University, Taiwan / Craniofacial Research Center, Chang Gung Memorial Hospital, Taiwan / Sleep Center, Chang Gung Memorial Hospital, Taiwan)
<b>9:00 - 10:30</b>	<b>Symposium 6</b> <span style="float: right;"><b>Tuesday 21 October ROOM 2 (2F Room A)</b></span> <b>Nursing role in cleft lip and palate team care: support for feeding and swallowing</b> Chairs: Pru Talbot (Plastic & Maxiillofacial surgery, The Royal Children's Hospital, Australia) Chihiro Sugiyama (Cleft Palate Team, Univeristy of Osaka, Japan)
<b>SY06-1</b>	<b>Practice and Outcomes of the Kumagai Method: Focusing on the Implementation of a Specialized Feeding Technique for Infants with Cleft Lip and/or Palate</b> Yukari Kumagai (Department of Nursing, Osaka University Dental Hospital (until March 2025), Japan)
<b>SY06-2</b>	<b>Innovative Bottle-Feeding for Infants with Cleft Lip and/or Palate: The Kumagai Method</b> Shingo Ueki (Kyushu University, Japan)
<b>SY06-3</b>	<b>The Role of Nurses in Coordination and Management in Supporting Breastfeeding and Adequate Nutrition for Infants with Cleft Lip and Palate</b> Suteera Pradubwong (Tawanchai Cleft Center, Thailand)
<b>SY06-4</b>	<b>Withdrawn</b>

16:00 - 17:30 **Symposium 7** Tuesday 21 October ROOM 2 (2F Room A)  
**Continuity of care in cleft speech services**  
 Chairs: Valerie Pereira (Dept of Otorhinolaryngology, Head and Neck Surgery, The Chinese University of Hong Kong, Hong Kong)  
 Linda Vallino-Napoli (Center for Pediatric and Auditory Speech Sciences, Nemours Children's Health, United States)

**SY07-1** **From Uncertainty to Unity: Strengthening Confidence and Communication in Cleft Speech Therapy**  
 Cassandra Alighieri (Ghent University, Department of Rehabilitation Sciences, Belgium)

**SY07-2** **Experiences of Cleft Speech Pathologists in Continuity of Care – Building Relationships Beyond Broadcasting**  
 Mikaela Bow (The University of Sydney, Australia)

**SY07-3** **Essential Aspects of Continuous Care: Collaboration, Proactive Involvement, and Overcoming Obstacles Amidst Resource Constraints.**  
 Subramaniyan Balasubramaniyan (Faculty of Speech Language Pathology & Audiology, The Cleft & Craniofacial Centre, Sree Balaji Medical College & Hospital, BIHER, India)

10:30 - 12:00 **Symposium 8** Wednesday 22 October ROOM 1 (1F Main Hall )  
**Holistic assessment of cleft palate speech**  
 Chairs: Kim Bettens (Department of Rehabilitation Sciences - Ghent University, Belgium)  
 Kristina Klintö (Department of Clinical Sciences Lund, Lund university, Sweden)

**SY08-1** **A Clinical Framework for the Holistic Assessment of Speech Outcomes in Cantonese-speaking Children with Cleft Palate Speech/ Velopharyngeal Dysfunction**  
 Valerie Pereira (The Chinese University of Hong Kong, China)

**SY08-2** **Incorporating patient reported outcome measures into clinical decision making for individuals with 22q**  
 Adriane L. Baylis (Nationwide Children's Hospital, United States)

**SY08-3** **Walking You Though Our Journey - Using STOMP (Speech Therapy Outcome Measures - Paediatrics) in Singapore**  
 Selena Ee-Li Young (KK Women's and Children's Hospital, Singapore)

**SY08-4** **Comprehensive assessment for multilingual populations with cleft palate**  
 Chelsea L Sommer (Florida International University, United States)

**SY08-5** **Adding SPAR-QL to the clinical management of cleft speech**  
 Imogen Underwood (West Midlands Regional Cleft Service, Birmingham Women's and Children's Hospital, United Kingdom)

**SY08-6** **Parental Perspectives on Determinants of Initial Postoperative Consultation Timing in Mandarin Speaking Children with Cleft lip and/or Palate in China**  
 Siwei Ma (Department of Speech and Language Disorders2, College of Stomatology, Xi'an Jiaotong University, China)

**SY08-7** **Challenges and prospects for the speech therapy management of articulatory disorders in french ivoirian bilingual children undergoing cleft lip and palate surgery**  
 Kouassi Guillaume Nguessan (Smile Train- Sourire à la vie, Côte d'Ivoire)

14:30 - 16:00 **Symposium 9** Wednesday 22 October ROOM 1 (1F Main Hall )  
**Therapeutic Strategies for Velopharyngeal Insufficiency**  
Chairs: Hongju Park (Chonnam National University Hospital, South Korea)  
Susumu Tanaka (Department of Oral and Maxillofacial Surgery, Osaka University  
Graduate School of Dentistry, Japan)

**SY09-1** **Our surgical strategy to achieve favorable velopharyngeal function - Strategies in primary and revision surgeries and usefulness of endoscopic-assisted surgery -**  
Tadashi Yamanishi (Department of Oral and Maxillofacial Surgery, Osaka Women's and Children's Hospital, Japan)

**SY09-2** **Individualized Management of Velopharyngeal Insufficiency**  
Hongju Park (Chonnam National University Hospital, South Korea)

**SY09-3** **Minimizing Velopharyngeal Insufficiency: A Personalized Approach to Cleft Palate Repair and VPI Management**  
Woonhyeok Jeong (Department of Plastic and Reconstructive Surgery, Keimyung University Dongsan Hospital, South Korea)

**SY09-4** **Buccal Flap during Primary Furlow Palatoplasty Decreases Likelihood of Velopharyngeal Insufficiency in Patients with Cleft Palate**  
Kylie Rae Swiekatowski (Division of Plastic Surgery, Department of Surgery, McGovern Medical School at UT Health Houston, United States)

**SY09-5** **Posterior Pillar Augmentation Pharyngoplasty: outcomes of an emerging operative approach in velopharyngeal insufficiency**  
Sebastian Tullie (Birmingham Children's Hospital Cleft Lip and Palate Service, Birmingham Women's and Children's NHS Foundation Trust, United Kingdom / Department of Inflammation and Ageing, College of Medicine and Health, University of Birmingham, United Kingdom)

**SY09-6** **Orticochea Pharyngoplasty: a versatile treatment for cleft and non-cleft VPI. A single surgeon series**  
Imogen Underwood (West Midlands Regional Cleft Service, Birmingham Women's and Children's Hospital, United Kingdom / CLEFT - Bridging The Gap Charity, United Kingdom)

**SY09-7** **Prognostic factors influencing speech outcomes following secondary palatal surgery with intravelar veloplasty (IVVP) in individuals with Velopharyngeal Insufficiency**  
Fatemeh Derakhshandeh (Craniofacial and Cleft Research Center, Isfahan University of Medical Sciences, Iran)

10:30 - 12:00 **Symposium 10** Wednesday 22 October ROOM 2 (2F Room A)  
**Advanced Cleft Lip and Palate Treatment Utilizing Novel Biomaterials and Regenerative Medicine Technologies**  
 Chairs: Kazuto Hoshi (Oral & Maxillofacial Surgery, Graduate School of Medicine, the University of Tokyo, Japan)  
 Norifumi Nakamura (Department of Oral and Maxillofacial Surgery, Faculty of Dentistry, Universitas Indonesia, Indonesia)

**SY10-1** **A possible paradigm shift towards bone regeneration therapy using osteogenesis-inducing material OCP/collagen in patients with CLP**  
 Norifumi Nakamura (Department of Oral and Maxillofacial Surgery, Faculty of Dentistry, Universitas Indonesia, Indonesia)

**SY10-2** **DENTAL PULP STEM CELL FOR THE TREATMENT OF ALVEOLAR CLEFT**  
 Daniela Franco Bueno (Faculdade Israelita de Ciências da Saúde Albert Einstein, Hospital Albert Einstein., Brazil)

**SY10-3** **Artificial versus autogenous bone materials in alveolar cleft grafting.**  
 Mohamed Elshazly (OPERATION SMILE EGYPT, Egypt, Arab Rep.)

**SY10-4** **Remotely distributable regenerative cartilage using auricular chondrocytes enables minimally-invasive and flexible correction of cleft lip-nose deformities**  
 Kazuto Hoshi (Oral & Maxillofacial Surgery, Graduate School of Medicine, the University of Tokyo, Japan)

**SY10-5** **Clinical Application of Autologous Tissue-Engineered Cartilage in Cleft Lip Nasal Deformity**  
 Jian Wang (Department of Plastic and Reconstructive Surgery, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, China)

10:30 - 12:00 **Symposium 11** Thursday 23 October ROOM 1 (1F Main Hall )  
**Cleft lip and palate care in low- and middle-income countries: National efforts in surgical, speech, dental, and ENT care**  
 Chairs: Siti Mazlipah Ismail (Department of Oral & Maxillofacial Clinical Sciences, Faculty of Dentistry, University Malaya, Malaysia)  
 Norifumi Nakamura (Department of Oral and Maxillofacial Surgery, Faculty of Dentistry, Universitas Indonesia, Indonesia)

**SY11-1** **Challenges to optimal care for cleft lip and palate patients in rural and suburban Indonesia**  
 Dwi Ariawan (Department of Oral and Maxillofacial Surgery, Faculty of Dentistry, Universitas Indonesia, Indonesia)

**SY11-2** **Cleft Lip and Palate Care in Low- and Middle-Income Countries: National Efforts in Surgical, Speech, Dental, and ENT Care**  
 Mekonen Eshete Abebe (Surgical Department, School of Medicine, College of Health Sciences Addis Ababa University alth Sciences, Ethiopia)

**SY11-3** **Audit of Speech Outcomes and Velopharyngeal Function in Patients with Cleft Palate Using the Smile Train Express Speech Therapy Platform**  
 Mirta Maria Palomares (Hospital Dr. Luis Calvo Mackenna, Chile)

**SY11-4** **Achievements of Cleft Lip and Palate Treatment in southern mountain area of Mexico**  
 Abelardo Cantu Arizpe (CLAYPA(Clínica de Labio y Paladar Hendido), Mexico)

<b>SY11-5</b>	<b>Comprehensive and Sustainable Cleft Lip Care in Madagascar: The Value of a Multidisciplinary Team Approach with Speech-Language Pathologist</b> Yasuyoshi Tosa (Department of Plastic Surgery, Keio University School of Medicine, Japan)
<b>SY11-6</b>	<b>Evolution Towards Comprehensive Cleft Care - Achievable with Passion, Perseverance and Persistence</b> Zainal Azhar Ahmad (Cleft Lip & Palate Association of Malaysia, Malaysia)
<b>15:00 - 16:30</b>	<b>Symposium 12</b> <span style="float: right;"><b>Thursday 23 October ROOM 1 (1F Main Hall)</b></span> <b>Treatment Protocols and Outcome Management for CL/P patients</b> Chairs: Terumi Okada Ozawa (Hospital for Rehabilitation of Craniofacial Anomalies-University of São Paulo-Bauru, Brazil) Naoto Suda (Division of Orthodontics, Department of Human Development and Fostering, Meikai University School of Dentistry, Japan)
<b>SY12-1</b>	<b>Challenges in Orthodontic Management of Bilateral Cleft Lip and Palate (BCLP)</b> Terumi Okada Ozawa (Hospital for Rehabilitation of Craniofacial Anomalies-University of São Paulo-Bauru, Brazil)
<b>SY12-2</b>	<b>Cleft Treatment Protocols and Research in the Nordic Countries</b> Arja Heliövaara (Cleft Palate and Craniofacial Center, Department of Plastic Surgery, Helsinki University Hospital and Helsinki University, Finland)
<b>SY12-3</b>	<b>Scandcleft cohort study: Development of skeletal relations from birth till end of growth in a large group of UCLP patients and incidence and indications for orthognatic surgery.</b> Annelise Kuseler (Cleft Lip Palate Center, Denmark / Sections of Orthodontics, Department of Dentistry and Oral Health, Denmark / Dept. of Oral -Maxillofacial Surgery, Aarhus University Hospital, Denmark)
<b>SY12-4</b>	<b>Practice-based Evidence (PBE) from Comparative Effectiveness Research (CER) to Inform Evidence-based Practice (EBP)</b> Ron R Hathaway (University of Michigan, United States)
<b>SY12-5</b>	<b>A framework for protocols and logistics in LMICS, drawing on four decades of clinical expertise and advocacy in cleft care in India</b> O P Kharbanda (ABMSS SMILE, India)
<b>SY12-6</b>	<b>Canine substitution in the Orthodontic management of individuals with cleft lip and palate</b> Snehlata Oberoi (University of California San Francisco, United States)
<b>SY12-7</b>	<b>Management of Midface Hypoplasia in Cleft Lip and Palate</b> Hitesh Kapadia (Texas Children's Hospital, United States)
<b>10:30 - 12:00</b>	<b>Symposium 13</b> <span style="float: right;"><b>Thursday 23 October ROOM 2 (2F Room A)</b></span> <b>Exploring the Causes and Prevention of Cleft Lip, Palate, and Craniofacial Congenital Disorders: Advances and Perspectives</b> Chairs: Sachiko Iseki (Institute of Science Tokyo, Japan) Takashi Yamashiro (Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, Osaka University, Japan)
<b>SY13-1</b>	<b>X-inactivation in palate development</b> Atsushi Ohazama (Niigata University, Japan)

**SY13-2 Multi-Omic analyses of a twin pair with mirror image cleft lip identifies pathogenic variant in FGF20 modified by differential methylation upstream of ZFP57**  
 Waheed Olaleye Awotoye (College of Dentistry and Dental Clinics University of Iowa, United States)

**SY13-3 Genetic Differences and Similarities Across Orofacial Cleft Types: A Genome-Wide Study in the Cleft Collective**  
 Evie Stergiakouli (Cleft Collective, University of Bristol, United Kingdom / Population Health Sciences, Bristol Medical School, United Kingdom / MRC Integrative Epidemiology Unit, University of Bristol, United Kingdom)

**SY13-4 Withdrawn**

**SY13-5 Shelf elevation in secondary palate formation**  
 Sachiko Iseki (Institute of Science Tokyo, Japan)

**15:00 - 16:30 Symposium 14 Thursday 23 October ROOM 2 (2F Room A)**  
**Building Harmony in Mental Health Care: Innovations for Supporting Individuals with Cleft Lip and Palate Amid Global Resource Constraints**  
 Chairs: Manabu Matsumoto (Department of International Social Studies, Kyoai Gakuen University/Department of Plastic and Reconstructive Surgery, Tohoku University Hospital, Japan)  
 Martin Persson (Faculty of Health Sciences, Kristianstad University, Sweden)

**Introduction** Martin Persson (Faculty of Health Sciences, Kristianstad University, Sweden)

**SY14-1** Ronald Peter Strauss (Department of Pediatric Dentistry and Dental Public Health, UNC Adams School of Dentistry, United States)

**SY14-2** Manabu Matsumoto (Department of International Social Studies, Kyoai Gakuen University/ Department of Plastic and Reconstructive Surgery, Tohoku University Hospital, Japan)

**SY14-3** Sonal Sanjay Kadu (SIRAT Cleft Foundation, India)

**SY14-4** Julie Davies (Manchester Metropolitan University/ North West North Wales and Isle of Man Cleft Network , United Kingdom)

**SY14-5** Matthew Hotton (Spires Cleft Centre, Oxford University Hospitals NHS Foundation Trust and University of Oxford, United Kingdom)

**SY14-6** Nokwanda du Plessis (Department of psychosocial support, Operation Smile, South Africa)

**SY14-7** Alejandro Gonzalez (Smile Train, Mexico)

## Panel

14:40 - 16:10 **Panel 1** Monday 20 October ROOM 3 (1F Room D)  
**Cleft Peer Support Groups: roles, models and challenges**  
Chairs: Ashim Garg (Sirat Cleft Foundation, India)  
Zuraini Ghazali (Cleft Lip & Palate Association of Malaysia, Malaysia)

**PA1-1** **Cleftborn led PSG**  
Ashim Garg (Sirat Cleft Foundation, India)

**PA1-2** **Parent led PSG**  
Zainal Azhar Ahmad (Cleft Lip & Palate Association of Malaysia, Malaysia)

**PA1-3** **HCP led PSG**  
Siva Chitravelu (Sri Ramachandra Institute of Health Education & Research, India)

**PA1-4** **Internationally Assisted PSG**  
Naoko Kishi (Japan Heart, Japan)

**PA1-5** **Managing multiple PSGs**  
Lin Pi-Ju (Noordhoff Craniofacial Foundation, Taiwan)

**PA1-6** **Advocacy**  
Gareth Davies (European Cleft Organisation, Spain)

13:30 - 15:00 **Panel 2** Tuesday 21 October ROOM 1 (1F Main Hall)  
**NGO's Roles in Collaborating to Address Barriers to Global Cleft Care**  
Chairs: Felicity Vidya Mehendale (The University of Edinburgh, United Kingdom)  
Zainal Azhar Ahmad (Cleft Lip & Palate Association of Malaysia, Malaysia)

**PA2-1**  
Hugh Todd Brewster (Transforming Cleft NGO, Canada)

**PA2-2**  
William Magee (Operation Smile, United States)

**PA2-3**  
Dushyant Prasad (ABMSS, India)

**PA2-4**  
Brian Clive Sommerlad (CLEFT-Bridging the Gap, United Kingdom)

**PA2-5**  
Erin Stieber (Smile Train, United States)

**14:30 - 16:00 Panel 3** **Wednesday 22 October ROOM 2 (2F Room A)**  
**Newborn Screening and Registries: How can they help give every baby with a cleft a good start?**  
 Chairs: Felicity Vidya Mehendale (The University of Edinburgh, United Kingdom)  
 Maria Asuncion Silvestre (Philippines)

**PA3-1** Maria Asuncion Silvestre (Philippines)

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**PA3-2** Mekonen Eshete (Ethiopia)

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**PA3-3** Olubunmi Lawalayedun (Nigeria)

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**PA3-4** Shazia Moosa (Pakistan)

**13:10 - 14:40 Panel 4** **Thursday 23 October ROOM 1 (1F Main Hall )**  
**'Sprinting' toward Co-Creating Progress in LMIC-Rooted Cleft Care**  
 Chairs: Hugh Todd Brewster (Transforming Cleft NGO, Canada)  
 OMOLOLA OLUBUNMI ORENUGA (DEPARTMENT OF CHILD DENTAL HEALTH COLLEGE  
 OF MEDICINE UNIVERSITY OF LAGOS, NIGERIA)  
 Felicity Vidya Mehendale (The University of Edinburgh, United Kingdom)

**PA4-1**  
 Subramaniyan Balasubramaniyan (Faculty of Audiology and Speech Language, India)

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**PA4-2**  
 Getaw Alamnie Gebeyehu (Department of surgery, Addis Ababa University, Ethiopia)

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**PA4-3**  
 Zainal Azhar Ahmed (Cleft Lip & Palate Association of Malaysia, Malaysia)

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**PA4-4**  
 Emily Rose Gallagher (University of Washington, Seattle Children's Hospital, United States)

**13:10 - 14:40 Panel 5** **Thursday 23 October ROOM 2 (2F Room A)**  
**“Think twice before you speak” Reflections on communication in cleft and craniofacial care**  
Chair: Marizela Kljajic (Department of Plastic Surgery, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Sweden / Region Västra Götaland, Sahlgrenska University Hospital, Department of Plastic Surgery, Sweden)

**Introduction** Marizela Kljajic (Department of Plastic Surgery, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Sweden / Region Västra Götaland, Sahlgrenska University Hospital, Department of Plastic Surgery, Sweden)

**PA5-1** Hans Mark (Department of Plastic Surgery, Sahlgrenska University Hospital and Institute of Clinical Sciences at Sahlgrenska Academy, University of Gothenburg, Sweden)

**PA5-2** Tradib A. Jayapal (GOVT DENTAL COLLEGE, KANNUR, India)

**PA5-3** Mikaela Bow (The Department of Plastic Surgery, The Children’s Hospital at Westmead, Australia)

**PA5-4** Aikaterini (Katerina) Papadopoulou (CHI Children’s Health Ireland, Ireland)

**PA5-5** Gary Antony Elbert (Cleft lip and Palate Association Ireland, Ireland)

**PA5-6** Gunilla Elsa Maria Lööf (Department of Learning, Informatics, Management and Ethics, Karolinska Institutet, Karolinska University hospital, Sweden)

### **Open Lecture for Citizens**

**14:40 - 16:00 Open Lecture for Citizens** **Wednesday 22 October ROOM 3 (1F Room D)**  
**Psychosocial support for children with cleft lip and palate in their living environment: families, nurses and schools working together as a team**  
Chairs: Tsuyoshi Kaneko (Division of Plastic Surgery, National Center for Child Health and Development, Japan)  
Chihiro Sugiyama (University of Osaka Dental Hospital, Japan)

**1.** Makoto Hikosaka (National Center for Child Health and Development, Japan)

**2.** Martin Persson (Faculty of Health Sciences, Kristianstad University, Sweden)

**3.** Manabu Matsumoto (Department of International Social Studies, Kyoai Gakuen University / Department of Plastic and Reconstructive Surgery, Tohoku University Hospital, Japan)

<b>Taskforce</b>
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13:30 - 14:30	<b>Taskforce 1</b>	Tuesday 21 October ROOM 4 (2F Room B-1)
	<b>1: Clefts Without Caries</b>	
	Chair: M S Muthu (MFDSRCPS (Glasg) Sri Ramachandra Dental College and Hospital, India)	

**TF-1-1 Sustained Anticipatory Guidance (SAG) and MAAC charts to Prevent Early Childhood Caries (ECC)**  
M S Muthu (Head, Centre for Early Childhood Caries Research (CECCR), Sri Ramachandra Dental College and Hospital, Sri Ramachandra Institute of Higher Education and Research / Adjunct Research Professor, Santosh University)

**TF-1-2 Dental Challenges in a Community Comprehensive Care Model**  
Vignesh Kailasam (Professor and Head of Orthodontics Sri Ramachandra Dental College and Hospital Sri Ramachandra Institute of Higher Education and Research)

**TF-1-3 Advancing Oral Health in Cleft Care: Insights from the Smile Train Oral Health Through Prevention (STOP) Program**  
Monica Dominguez (Global Oral Health Program Director Smile Train Inc)

14:30 - 15:30	<b>Taskforce 2</b>	Tuesday 21 October ROOM 4 (2F Room B-1)
	<b>2: Epidemiology, Etiology and Prevention of OFC</b>	
	Chair: Peter Anthony Mossey (MOrth RCSEd, FFD RCSI, FDS RCPS, FHEA, FRSE, FRSB, University of Dundee, UK)	

**TF-2-1 Prevention of cleft lip and palate - past, present, and future.**  
Marie M. Tolarova (University of the Pacific, Dugoni School of Dentistry, San Francisco, California, USA)

**TF-2-2 Aetiological research on the importance of cleft sub-phenotyping in clinical and genetics research.**  
Peter Mossey (University of Dundee Dental School, Scotland, UK)

**TF-2-3 Update on epidemiological, genetic, GEI and genomics research in India and progress / potential for future aetiological and translational research.**  
Puneet Batra (MRDC at Manav Rachna International Institute of Research and Studies Faridabad, South Delhi, Delhi, India)

**TF-2-4 Discovery of novel genes and regulatory regions contributing to the etiopathogenesis of non-syndromic orofacial clefts (NSOFCs) by applying rare variants aggregation tests in African populations.**  
Azeez Butali (University of Iowa, N406A, 110 Newton Road, Iowa City. 52242, USA)

**Plenary Discussion: Global initiatives towards making CLP genetics research clinically relevant in the context of personalized prevention.**

13:30 - 14:30 **Taskforce 3** Tuesday 21 October ROOM 5 (2F Room B-2)  
**3: Cleft Registries**  
Chairs: Magnus Becker (Lund University, Sweden)  
Satoshi Takada (Ohu University Dental Hospital, Japan)

**TF-3-1** **The Current State of Prospective Registries for Congenital Craniofacial Anomalies**  
Sophia Chrysofos (Washington University in St. Louis, United States)

**TF-3-2** **Usability of a prototype Malaysian national cleft database across three different electronic devices**  
Aida Nur Ashikin Abd Rahman (Faculty of Dentistry Universiti Teknologi MARA, Malaysia)

**TF-3-3** **Cleft case ascertainment and incidence in the CRANE Database compared with Hospital Episode Statistics data in England**  
Kate J Fitzsimons (Cleft Registry and Audit Network (CRANE), Clinical Effectiveness Unit, Royal College of Surgeons of England, United Kingdom)

14:30 - 15:30 **Taskforce 4** Tuesday 21 October ROOM 5 (2F Room B-2)  
**4: Telemedicine and Technology to Augment Remote Cleft Care**  
Chair: Cristiano Tonello (University of São Paulo, Brazil)

**TF-4-1** **Telehealth and technology bridging accessibility gap to CCC for remote patients living along the Thai-Lao and Myanmar borders: Experience of the Northern Women's Development Foundation, Thailand**  
Phanomwan Yoodee (Northern Women's Development Foundation, Thailand)

**TF-4-2** **Role of Medical Social Workers to increase access to CCC in limited resources areas along Thai-Lao and Myanmar borders**  
Phanomwan Yoodee (Northern Women's Development Foundation, Thailand)

**TF-4-3** **Withdrawn**

**TF-4-4** **Withdrawn**

13:30 - 14:30 **Taskforce 5** Thursday 23 October ROOM 4 (2F Room B-1)  
**5: Neonatal Cleft Care**  
Chairs: Ting-Chen Lu (Chang Gung Memorial Hospital, Taiwan)  
Makoto Hikosaka (National Center for Child Health and Development, Japan)

**TF-5-1** **Breathing Care Guidelines : The Neonatal Care Task Force Global Approach**  
Priyal Sheth

**TF-5-2** **Recommendation about feeding: The Neonatal Care Task Force document.**  
Comrade Olubunmi (Bunmi) Lawal-Aiyedun

**TF-5-3** **Recommendations regarding referral and accessibility for Infants with Cleft Lip/Cleft Palate**  
Gareth Davies (European Cleft Organisation, the Netherlands)

**TF-5-4** **Supplemental Feeds for Infants With Cleft**  
Karla Haynes (Division of Plastic and Maxillofacial Surgery, Children's Hospital Los Angeles, USA)  
Manasi Puranik (Bhagwan Mahaveer Jain Hospital, Smile Train Center, India)

13:30 - 14:30

**Taskforce 6**

Thursday 23 October ROOM 5 (2F Room B-2)

**6: Holistic Outcomes of Cleft Care**

Chair: Canice E. Crerand (The Ohio State University College of Medicine, USA)

Alexis Johns (Children's Hospital Los Angeles, USA)

Franklin Rocha

Canice Crerand (The Ohio State University College of Medicine, USA)

## Workshop

**16:40 - 17:40 Workshop 1** **Monday 20 October ROOM 8 (2F Room J)**  
**Role of Anterior Maxillary Distraction (AMD) in the management of the Cleft Midface: Indications, Preparation, Technique and Long term outcomes.**  
 Chair: Syed Altaf Hussain (The Cleft and Craniofacial Centre, Sree Balaji Medical College & Rela Hospital, India)

**WS1-1** Kasturi Koteswara Prasad Nalabothu (Department of Oral and Craniomaxillofacial Surgery, University Hospital Basel, Switzerland)

**WS1-2** Syed Altaf Hussain (The Cleft & Craniofacial Centre, Sree Balaji Medical College & Rela Hospital, India)

**WS1-3** Charanya Vijayakumar (The Cleft and Craniofacial Centre, Sree Balaji Medical College & Rela Hospitals, Bharath Institute of Higher Education and Research, India)

**WS1-4** Badri Thiruvengkatachari (Chennai India & Manchester, United Kingdom)

**16:00 - 17:00 Workshop 2** **Tuesday 21 October ROOM 7 (2F Room I)**  
**“Transforming” Single Stage Cleft Repair: A Digital Workflow for Presurgical Orthopedics and Minimal-Incision Repair**  
 Chair: Andreas Albert Mueller (Craniomaxillofacial Surgery, University Hospital Basel, Switzerland / Pediatric Oral and Craniomaxillofacial Surgery, University Children’s Hospital Basel, Switzerland / Facial and Cranial Anomalies Group, University of Basel, Switzerland)

**WS2-1** **Surgical Incisions and Palatal Microcirculation in Cleft Repair: A Prospective Observational Study**  
 Benito K Benitez (University Hospital Basel, Switzerland)

**WS2-2** **Single-stage lip and palate repair by pure medial incisions, double layer repair, and w-plasty palate lengthening**  
 Andreas Albert Mueller (Craniomaxillofacial Surgery, University Hospital Basel, Switzerland / Pediatric Oral and Craniomaxillofacial Surgery, University Children’s Hospital Basel, Switzerland / Facial and Cranial Anomalies Group, University of Basel, Switzerland)

**WS2-3** **Automated digital plate fabrication from Intraoral and smartphone scanning to point of care 3D printing**  
 Prasad Nalabothu (University Hospital Basel, Switzerland / Facial and Cranial anomalies Group, University Hospital Basel, Switzerland / Department of Pediatric Oral Health and Orthodontics, University Center for Dental medicine (UZB), Switzerland)

**13:20 - 14:20 Workshop 3** **Wednesday 22 October ROOM 8 (2F Room J)**  
**Comprehensive Treatment of Difficult to Close Palatal Fistulae: An Algorithmic Strategy**  
 Chairs: Nivaldo Alonso (Department Plastic Surgery University of São Paulo, Brazil)  
 Philip Kuo-Ting Chen (Craniofacial Center, Taipei Medical University Hospital, Taiwan)  
 David Kuoh Hou Chong (Department of Plastic and Maxillofacial Surgery, Royal Childrens Hospital, Australia)  
 Roberto L Flores (Hansjörg Wyss Department of Plastic Surgery, NYU Grossman School of Medicine, United States)

**WS3-1** Jordan Williams Swanson (Childrens Hospital of Philadelphia, United States)

**WS3-2** Pang-Yun Chou (Department of Plastic Surgery in Chang Gung Memorial Hospital, Taiwan)

**WS3-3** Ghulam Qadir Fayyaz (Department of Cleft & Craniofacial Surgery, CLAPP Hospital, Pakistan)

**11:20 - 12:20 Workshop 4** **Thursday 23 October ROOM 7 (2F Room I)**  
**Primary rhinoplasty in Unilateral Cleft Lip/Palate: The Tajima Incision**  
 Chairs: Luca Autelitano (Cleft Lip and Palate Regional Center, Operation Smile Care Center, ASST Santi Paolo e Carlo Milano, Craniofacial Anomalies University of Milan, Italy)  
 David Kuoh Hou Chong (Department of Plastic and Maxillofacial Surgery, Royal Childrens Hospital, Australia)

**Introduction** David Kuoh Hou Chong (Department of Plastic and Maxillofacial Surgery, Royal Childrens Hospital, Australia)

**WS4-1** **Our Rhinoplasty with Reverse-U Incision Inherited from Tajima for Unilateral Cleft Lip; Why to Apply It at Secondary Surgery, not Primary?**  
 Keisuke Imai (Division of Plastic Surgery, Nara Medical University Hospital, Japan / Department of Plastic & Reconstructive Surgery, Osaka City General Hospital, Japan)

**WS4-2** **Why I Switched to the Tajima Incision: A Personal Learning Curve in Unilateral Cleft Lip Repair.**  
 Daniela Yukie Sakai Tanikawa (Menino Jesus Municipal Hospital, Brazil)

**WS4-3** **Primary rhinoplasty in unilateral cleft lip repair: my personal approach**  
 Philip Kuo-Ting Chen (Craniofacial Center, Taipei Medical University Hospital, Taiwan)

## Award session

**16:40 - 17:40 AW-1** **Monday 20 October ROOM 1 (1F Main Hall)**  
**The Owen Cole Scholarship Award**  
 Chair: Stuart Bade (Queensland Children's Hospital, Australia )  
 Judges: Helen Morris (Speech, Australia)  
           David Chong (Surgery, Australia)  
           Naoto Suda (Orthodontics, Japan)

**AW-1-1**      **Adapting parent-implemented intervention for children with cleft palate +/- lip in South Korea: EMT+PE**  
 Michelle Choi (Arizona State University, United States)

**AW-1-2**      **Establishing reference data for speech intelligibility in 5-year-old children born with cleft palate: Findings from the Cleft Collective**  
 Amy J V Davies (The Cleft Collective, Bristol Dental School, United Kingdom / Bristol Dental School, The University of Bristol, United Kingdom)

**AW-1-3**      **Prevalence of malnutrition in cleft patients in Madagascar: A cross-sectional study.**  
 Daniel David Otobo (Operation Smile Inc., United States)

**AW-1-4**      **Applying Latent Profile Analysis to CLEFT-Q Data: A Novel "Phenotyping" of Patient-Reported Outcomes in Cleft Care**  
 Nicholas A Han (Division of Plastic, Reconstructive, and Oral Surgery, Children's Hospital of Philadelphia, United States)

**AW-1-5**      **Longitudinal growth outcomes in patients with BCLP: a comparison of two treatment protocols**  
 Camila Massaro (Bauru Dental School, University of São Paulo, Brazil)

**AW-1-6**      **Withdrawn**

**15:00 - 16:30 AW-2** **Thursday 23 October ROOM 3 (1F Room D)**  
**The Circle of Cleft Professionals (CoCP) Award**  
 Chairs: Debbie Sell (previously Great Ormond Street Hospital, London, UK, United Kingdom)  
           Mekonen Eshete Abebe (Addis Ababa University Surgical Department and Yekatit 12 Hospital Medical College, Ethiopia)  
 Judges: Emily Gallagher (Paediatrics, USA)  
           Valerie Pereira (Speech, Hong Kong)  
           OP Kharbanda (Orthodontics, India)  
           Kate le Maréchal (Psychology, United Kingdom)  
           Omololo Orenuga (Paediatric Dentistry, Nigeria)  
           Andi Setiawan Budihardja (Surgery, Indonesia)  
           Melissa Zattoni Antoneli (Speech, Brazil)  
           Youri Anastassov (Surgery, Bulgaria)  
           Makoto HIKOSAKA (Surgery, Japan)  
           Yoshiko TAKEI (Speech, Japan)

**AW-2-1**      **Change in Facial Appearance, Function, and Quality of Life after Cleft Surgery: A Nigerian Multicenter Longitudinal Pilot Study**  
 Afieharo Igbibia Michael (Department of Plastic, Reconstructive and Aesthetic Surgery. University College Hospital, Nigeria)

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- AW-2-2**      **The Socio-Economic Burden of Comprehensive Cleft Care on Caregivers of A Child Born with Cleft Lip and Palate (Cl/P) in Ghana**  
Solomon Obiri-Yeboah (Kwame Nkrumah University of Science and Technology, Ghana / Komfo Anokye Teaching Hospital, Ghana)
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- AW-2-3**      **Development of an International Registry for Individuals with Cleft Lip and/or Palate in Under-Resourced Communities**  
Kariym Christopher Joachim (Division of Plastic and Reconstructive Surgery, The Hospital for Sick Children (SickKids), Canada / Institute of Medical Science, Temerty Faculty of Medicine, University of Toronto, Canada)
- 
- AW-2-4**      **Longterm Sustainability of Comprehensive Cleft Care in Rural South India: A 20 -Year Analysis of a Community-Based Model**  
Roopa Nagarajan (Faculty of Audiology and Speech Language Pathology, SriRamachandra Institute of Higher Education and Research, (DU), India)
- 
- AW-2-5**      **Experiences from a health-worker led congenital anomaly screening program in Pakistan**  
Mahwish Fatima (Interactive Research and Development (IRD) Pakistan, Pakistan)
- 
- AW-2-6**      **Documenting nutritional status and access to care for newborns with orofacial clefts: A mixed methods study**  
Maryam Sherwani (Interactive Research and Development (IRD) Pakistan, Pakistan)
- 
- AW-2-7**      **Burden of Dental Care in children with Cleft and Craniofacial Anomalies: A retrospective analysis of 900 patients over four years**  
Priyal Sheth Mehta (Smile Train Cleft Leadership Center, Bhagwan Mahaveer Jain Hospital, India)
- 
- AW-2-8**      **Development of a curriculum to improve clinical skills in cleft speech assessment and management for undergraduate Audiology and Speech Language Pathology students in India**  
Sanjaykhanna V K (Faculty of Speech Language Pathology and Audiology, The Cleft and Craniofacial Centre, Sree Balaji Medical College & Hospital, BIHER, India)

## Free session

14:30 - 15:20 **O-1** Monday 20 October ROOM 4 (2F Room B-1)  
**[Orthodontic] Growth 1**  
 Chairs: Ronald Reed Hathaway (University of Michigan, USA)  
 Hiroshi Kamioka (Department of Orthodontics, Okayama University, Japan)

**O-1-1** **Scandcleft study: Influence of initial cleft width on skeletal intermaxillary relations before orthodontic treatment at 8 years of age.**  
 Annelise Kuseler (Cleft Lip Palate Center, Denmark / Section of Orthodontics, Dept of Health, Aarhus University, Denmark)

**O-1-2** **Effects of Gingivoperiosteoplasty on Facial Growth in the Mixed and Early Permanent Dentition in BCCLP, UCCLP and UCLA**  
 Elcin Esenlik (Akdeniz University Faculty Of Dentistry, Turkey)

**O-1-3** **Comparison of Temporomandibular Joint Morphology in Patients with Cleft Lip and Palate and Non-Cleft by CBCT Views**  
 Elcin Esenlik (Akdeniz University Faculty of Dentistry, Turkey)

**O-1-4** **DIFFERENT SOFT PALATE SURGERY TECHNIQUE SHOW DIFFERENT RESIDUAL CLEFT APPEARANCE AND DENTAL ARCH RELATION - IN A TWO-STAGE PALATAL CLOSURE**  
 Midia Najjar Chalien (Department of Orthodontics, Institute of Odontology, Sahlgrenska Academy, University of Gothenburg, Sweden)

**O-1-5** **Advancing Bone – Anchored Maxillary Protraction in Unilateral Cleft Lip and Palate Patients – A Synthesis of Current Clinical Evidence – A Systematic Review and Meta-Analysis**  
 Karthik Sennimalai (All India Institute of Medical Sciences, Vijaypur, India)

**O-1-6** **Comparison of dental arch relationships in an African population with repaired clefts using the Goslon index and modified Huddard-Bodenham scale**  
 Muhammad Jibril (Bayero University Kano, Nigeria)

14:30 - 15:20 **O-2** Monday 20 October ROOM 5 (2F Room B-2)  
**[Access to Care] 1**  
 Chairs: Roopa Nagarajan (SRI RAMACHANDRA INSTITUTE OF HIGHER EDUCATION AND RESEARCH (DU), India)  
 Siti Mazlipah Ismail (Faculty of Dentistry, University of Malaya, Malaysia)

**O-2-1** **Enhancing Team Care for Patients with Cleft Lip and Alveolus: A Quality Improvement Initiative**  
 Adriane L Baylis (Nationwide Children's Hospital, United States / The Ohio State University College of Medicine, United States)

**O-2-2** **Community-Based Comprehensive Cleft Care: Reducing the Burden of Care in LMICs for Geographically Remote Patients, through Co-creation of Recommendations**  
 Subramaniyan Balasubramaniyan (Faculty of Speech Language Pathology & Audiology, The Cleft & Craniofacial Centre, Sree Balaji Medical College & Hospital, BIHER, India)

- 0-2-3**      **Addressing ear and hearing related needs in children with cleft lip and palate : A pilot program in a cleft craniofacial centre in low-and middle-income country**  
Sanjaykhanna V K (Faculty of Speech Language Pathology and Audiology, The Cleft and Craniofacial Centre, Sree Balaji Medical College & Hospital, BIHER, India)
- 
- 0-2-4**      **Partners in African Cleft Training (PACT): Review of in-person training experiences and learning tools to model interdisciplinary cleft team care**  
Anne V Hing (University of Washington, United States)
- 
- 0-2-5**      **Withdrawn**
- 
- 0-2-6**      **Examining shared decision-making in comprehensive cleft care in low- and middle-income countries**  
Sara A Horne (Smile Train, United States)
- 
- 14:30 - 15:20**      **O-3**      **Monday 20 October ROOM 6 (B1F Room E)**  
**[Surgery] Speech / Velopharyngeal Surgery 1**  
Chairs: Tadashi Akamatsu (Tokai University School of Medicine, Department of Plastic Surgery, Japan)  
Krisztián Nagy (Semmelweis University, Hungary)
- 
- 0-3-1**      **Predictors of Velopharyngeal Insufficiency After Le Fort I Orthognathic Surgery in Cleft Palate Patients**  
Raina K Patel (Children's Hospital Los Angeles, United States / Nova Southeastern University Dr. Kiran C. Patel College of Allopathic Medicine, United States)
- 
- 0-3-2**      **What is the rate of velopharyngeal insufficiency after Le Fort I advancement in patients with preoperative borderline function?**  
Bonnie L Padwa (Boston Children's Hospital, United States)
- 
- 0-3-3**      **Cleft palate repair surgical complications following buccinator myomucosal flap surgery**  
Percy Rossell-Perry (Smile Train Foundation, Peru)
- 
- 0-3-4**      **Arrow Palatoplasty: A Technique of Concurrent Soft Palate Revision and Lengthening for Patients with Velopharyngeal Insufficiency and a Large Pharyngeal Gap**  
Roberto Flores (NYU Langone, United States)
- 
- 0-3-5**      **The necessity of secondary cleft palatoplasty in VPI. A 460 cases retrospective study**  
Krisztian Nagy (InterCleft Foundation, Hungary / Centre for Facial Reconstruction, Semmelweis University Budapest, Hungary / Cleft and Craniofacial Centre Bruges, Belgium / Catholic University of Leuven, Belgium)
- 
- 0-3-6**      **Suspension palatoplasty in the management of velopharyngeal dysfunction following cleft palate repair Developing a treatment algorithm**  
Krishnamurthy Bonanthaya (Bhagwan Mahaveer Jain Hospital, India)

14:30 - 15:20 O-4 Monday 20 October ROOM 7 (2F Room I)  
[Outcome Studies] 1  
Chair: Marilyn Alice Cohen (Cooper University Health Care, United States)

**O-4-1** **Speech Snapshots - Enhancing and sustaining work efficiency for Speech Videofluoroscopies**  
Jasmine Lee Ping Teo (KK Women's and Children's Hospital, Singapore)

**O-4-2** **Impact of Intensive Speech Therapy Post-VPI Surgery on Speech Outcomes: A Study from Southern India.**  
Lalasa Mary Vankayalapati (Basavataarakam Smile Train Centre, India)

**O-4-3** **Collecting Uniform Data on Language Development in a Multicentric Study on Unilateral Cleft Lip and Palate in India**  
Swetha Sridhar (The Cleft & Craniofacial Centre Sree Balaji Medical College & Rela Hospital Bharat Institute of Higher Education and Research, India)

**O-4-4** **Surgery for Velopharyngeal Incompetence Following Initial Palatal Closure with Furlow Palatoplasty: Long Term Results of a Single Surgeon**  
Marilyn Alice Cohen (Cooper University Health Care, United States)

**O-4-5** **Velopharyngeal Insufficiency in an Adult with Cleft Lip and Palate: Prosthetic and Speech Therapy Approach - A Case Report**  
Camila Antonia Richards (Fundación Gantz, Chile)

**O-4-6** **Speech in adults with 22q11 deletion syndrome a comparison study**  
Christina Persson (Institute of Neuroscience and Physiology, Department of Health and Rehabilitation, Sahlgrenska academy, University of Gothenburg, Sweden)

14:30 - 15:20 O-5 Monday 20 October ROOM 8 (2F Room J)  
[Psychology/Neurology] QOL 1  
Chair: Mia Stiernman (Lund University, Sverige)

**O-5-1** **Understanding the relationship between parental and child anxiety in children born with a cleft lip and/or palate: an investigation**  
Matthew Thomas Hotton (University of Oxford, United Kingdom)

**O-5-2** **Relationships between Family Psychosocial Risk and Health-Related Quality of Life in Infants with Cleft**  
Canice Ellen Crerand (Nationwide Children's Hospital, United States)

**O-5-3** **Familial impact and parenting stress of raising an infant with cleft lip and palate: Taiwan cleft net experience**  
Koki Morita (Nagoya University, Department of Plastic and Reconstructive surgery, Japan)

**O-5-4** **The influence of community engagement on the perceived impact of cleft on a patient's quality of life in Africa.**  
Daniel David Otopo (Operation Smile Inc., United States)

**0-5-5 The Psychosocial Impact of Cleft Lip and Palate in Low and Middle Income Countries. Current State and Future Directions**

Nicola M Stock (Centre for Appearance Research, University of the West of England, United Kingdom)

**0-5-6 Designing, delivering and evaluating a hybrid Speech Language Therapy and Clinical Psychology cleft clinic for adolescents and adults in New Zealand**

Kenny Ardouin (School of Psychology, Speech & Hearing, University of Canterbury, New Zealand)

**15:20 - 16:10 O-6 Monday 20 October ROOM 4 (2F Room B-1)**  
**[Orthodontic] Growth 2**

Chairs: Laura Jacox (University of North Carolina at Chapel Hill, United States)

Takuya Ogawa (Department of Maxillofacial Orthognathics, Graduate School of Medical and Dental Sciences, Institute of Science Tokyo, Japan)

**0-6-1 The Relationship between Sella Turcica Dimensions and Tooth Number Anomalies in Patients with Unilateral Cleft Lip and Palate**

Sariesendy Sumardi (Universitas Indonesia, Indonesia / Pusat Celah Bibir dan Langit-langit RSAB HARAPAN KITA, Indonesia)

**0-6-2 Bilateral cleft lip and palate operated by two-stage palatoplasty with vomer flap: growth evaluation**

Felicia Miranda (Bauru Dental School, University of São Paulo, Brazil / Hospital for Rehabilitation of Craniofacial Anomalies, University of São Paulo, Brazil)

**0-6-3 Comparative study in unilateral cleft lip and palate patients treated with and without pre-surgical orthopedics: Cephalometrics, Photometrics and Arch analysis.**

Maria Jose Cimadevilla (HOSPITAL NINO JESUS, Spain)

**0-6-4 Efficiency of intermaxillary traction based on miniplate skeletal anchorage in patients with cleft lip and palate**

Andrzej Brudnicki (Department of Maxillofacial Surgery, Institute of Mother and Child, Poland)

**0-6-5 Withdrawn**

**0-6-6 Mandibular condylar position in neonates and infants**

Jitske W Nolte (Department of Oral and Maxillofacial Surgery AmsterdamUMC and Emma Childrens Hospital, Netherlands)

**15:20 - 16:10 O-7 Monday 20 October ROOM 5 (2F Room B-2)**  
**[Access to Care] 2**

Chair: Khairul bariah Chi Adam (International Islamic University Malaysia, associate professor, Malaysia)

**0-7-1 Improving Access and Radiation Safety in Craniofacial Paediatric Imaging: Overcoming Geographical Challenges in Queensland Australia**

Liana Cheung (Queensland Children's Hospital, Australia)

**0-7-2 Beyond Surgery: A multi-year retrospective analysis at targetted multidisciplinary cleft care in 24 countries**

Daniel David Otopo (Operation Smile Inc., United States)

- 0-7-3**      **The Impact of Insurance Coverage in Cleft Care Across 18 Low-and-Middle Income Countries**  
Alexander Thomas Plonkowski (Division of Plastic and Maxillofacial Surgery, Children's Hospital of Los Angeles, United States / Operation Smile Inc., United States)
- 
- 0-7-4**      **Using a qualitative approach to identify the challenges facing Comprehensive Cleft Care in Africa and to propose workable solutions**  
Ikenna Gerald Isiekwe (College of Medicine, University of Lagos, Nigeria / Department of Orthodontics and Dentofacial Orthopedics, Manav Rachna Dental College, Manav Rachna International Institute of Research and International Studies, India / Lagos University Teaching Hospital, Nigeria)
- 
- 0-7-5**      **Sustainable Cleft Care : The Indian Scenario**  
Subrat Kumar Jena (Ashwini Trauma Centre, India)
- 
- 0-7-6**      **Global Action for Congenital Conditions: Addressing the Critical Gap in Congenital Condition Care Through Collaborative Advocacy**  
Amy Leah Potter (Operation Smile, United States)

15:20 - 16:10    **O-8**      **Monday 20 October ROOM 6 (B1F Room E)**  
**[Surgery] Speech / Velopharyngeal Surgery 2**  
 Chairs: Marwa Abdelwahab Elkassaby (Faculty of Dentistry, Ainshams University, Egypt)  
 Ikkei Tamada (Department of Plastic and Reconstructive Surgery, Tokyo Metropolitan Children's Medical Center, JAPAN/Tokyo)

- 0-8-1**      **Withdrawn**
- 
- 0-8-2**      **Velopharyngeal dysfunction (VPD) following cleft palate repair: A new comprehensive management protocol based on severity and structural deficiencies**  
Syed Altaf Hussain (The Cleft & Craniofacial Centre, Sree Balaji Medical college and Rela Hospitals, India)
- 
- 0-8-3**      **Withdrawn**
- 
- 0-8-4**      **Withdrawn**
- 
- 0-8-5**      **Buccal myomucosal flaps: when speech improvement is only one step away**  
Marwa Abdelwahab Elkassaby (Cleft care center, Faculty of Denistry, Ainshams University, Egypt, Arab Rep.)
- 
- 0-8-6**      **Withdrawn**

15:20 - 16:10    **O-9**      **Monday 20 October ROOM 7 (2F Room I)**  
**[Outcome Studies] 2**  
 Chairs: Brian C Sommerlad (Great Ormond Street Hospital for Children, London, United Kingdom)  
 Canice Ellen Crerand (Nationwide Children's Hospital, United States)

- 0-9-1**      **Automated Appearance Outcome Scoring of Repaired Cleft Lip Using CNN-Based Regression**  
Ambika Chadha (Birmingham Children's Hospital, United Kingdom)

<b>O-9-2</b>	<b>Aesthetic Outcome Assessment in Cleft Lip and Palate: Toward Consensus in 3D Photography and AI Integration</b> Ambika Chadha (Birmingham Children's Hospital, United Kingdom)
<b>O-9-3</b>	<b>A decade of cleft surgical practice: aesthetic and functional outcomes in one thousand consecutive operative cases.</b> Marc Christopher Swan (Spires Cleft Centre, United Kingdom)
<b>O-9-4</b>	<b>Full-face versus cropped nasolabial assessment of aesthetic outcomes in cleft lip repair: a review</b> Callum Munns (Department of Plastic and Maxillofacial Surgery, The Royal Children's Hospital, Australia)
<b>O-9-5</b>	<b>Application of Art Therapy for Low-Self-Confidence Children with Cleft Lip and Palate: A Growth Group Case Study</b> Yi-Shu Lin (Noordhoff Craniofacial Foundation, Taiwan)
<b>O-9-6</b>	<b>Satisfaction of Caregivers of Patients with Cleft Lip Palate at the Khoula Hospital Cleft Center</b> Sondus Abdallah Al Jadeedi (Plastic & Reconstructive Surgery Department, Khoula Hospital, Oman)
<b>15:20 - 16:10</b>	<b>O-10</b> <span style="float: right;"><b>Monday 20 October ROOM 8 (2F Room J)</b></span> <b>[Psychology/Neurology] QOL 2</b> Chair: Mia Stiernman (Lund University, Sverige)
<b>O-10-1</b>	<b>Strong correlations between self-perceived speech function and psychosocial status: results from 111 Japanese cleft patients based on CLEFT-Q</b> Makoto Hikosaka (National Center for Child Health and Development, Japan)
<b>O-10-2</b>	<b>Withdrawn</b>
<b>O-10-3</b>	<b>The Impact of Surgical Treatment on Patient Reported Outcomes in Patients with Cleft Lip and/or Palate</b> Nicholas A Han (Division of Plastic, Reconstructive, and Oral Surgery, Children's Hospital of Philadelphia, United States)
<b>O-10-4</b>	<b>Differences in Psychosocial Outcomes Between Age and Gender in Pediatric Patients with Malocclusion</b> Chizoba A. Mosieri (Louisiana State University Health Science Shreveport, United States / Children's Hospital of Orange County, United States / University of California Irvine Medical Center, Department of Plastic Surgery, United States)
<b>O-10-5</b>	<b>Analysis of Disease-Related Quality of Life and Home Environment in Cleft Palate Children Receiving Charitable Assistance in Remote Areas of China</b> Siwei Ma (Department of Speech and Language Disorders College of Stomatology, Xi'an Jiaotong University, China)
<b>O-10-6</b>	<b>Psychological well-being in adopted and non-adopted adolescents with cleft, lip and palate</b> Marizela Kljajic (Department of Plastic Surgery, Sahlgrenska University Hospital, Region Västra Götaland, Sweden)

16:40 - 17:40	<b>O-11</b> <b>[Surgery] Primary Lip Surgery 1</b> Chair: Takayuki Honda (Iwate Medical University, Japan)	Monday 20 October ROOM 2 (2F Room A)
<b>O-11-1</b>	<b>Cleft collective data and current surgical practices in the UK for primary nasal correction in children born with cleft lip with/without palate</b> Nitisha E Narayan (Southwest Cleft Service, United Kingdom)	
<b>O-11-2</b>	<b>Withdrawn</b>	
<b>O-11-3</b>	<b>Withdrawn</b>	
<b>O-11-4</b>	<b>Considering the primary rhinoplasty of unilateral cleft lip repair as the trainee under controversial opinions; if the internal valve plication suture affects the optimal outcome of the nasal shape.</b> Aiko Fitzgerald (Department of Plastic & Reconstructive Surgery, Okinawa Prefectural Nanbu Medical Center & Children's Medical Center, Japan)	
<b>O-11-5</b>	<b>Evaluation of Long-term Outcomes Based on Preoperative Assessments of Unilateral Cleft Lip at Primary Surgery</b> Mariko Noto (Pediatric Plastic Surgery, Osaka City General Hospital, Japan)	
<b>O-11-6</b>	<b>Age at Primary surgery among Persons born with orofacial clefts in Africa.</b> Mekonen Eshete Abebe (Addis Ababa University College of Health Sciences, school of medicine, surgical department, Ethiopia / Yekatit 12 Hospital Medical College Plastic and Reconstructive Surgery Department, Ethiopia)	
<b>O-11-7</b>	<b>Withdrawn</b>	
16:40 - 17:40	<b>O-12</b> <b>[Cranio-maxillofacial] Cranio-maxillofacial Surgery 1</b> Chairs: Samia Mohamed Ahmed Saied (Faculty of Medicine, Sohag University, Egypt) Niphon Klai-on (Department of Oral and Maxillofacial Surgery, Faculty of Dentistry, Khon Kaen University, Thailand)	Monday 20 October ROOM 3 (1F Room D)
<b>O-12-1</b>	<b>Dynamic Facial Asymmetry in Pediatric Facial Paralysis Using 4D Stereophotogrammetry and Strain Tensor Analysis</b> Rami R Hallac (UT Southwestern Medical Center, United States / Children's Health, United States)	
<b>O-12-2</b>	<b>Digital Technology Enhances Precision and Safety in Anterior Maxillary Segmental Distraction Osteogenesis for Patients with Cleft Lip and Palate</b> Ming Cai (Shanghai Ninth People's Hospital, China)	
<b>O-12-3</b>	<b>Rare craniofacial clefts: Surgical management protocols</b> Hidayat Ullah (Burns & Plastic Surgery Center, Pakistan)	
<b>O-12-4</b>	<b>MANAGEMENT CHALLENGES OF CRANIOFACIAL CLEFTS IN A RESOURCE DEPLETED SETTING; OUR EXPERIENCES</b> Olugbemi Benedict Akintububo (SMILE TRAIN ORGANISATION, Nigeria)	
<b>O-12-5</b>	<b>Withdrawn</b>	

O-12-6 **Withdrawn**

O-12-7 **Role of Use of Ultrasonic Instrumentation in Craniofacial Surgery**  
Samia Mohamed Ahmed Saied (Prof. Of Plastic, Craniofacial & Reconstructive Surgery, Egypt, Arab Rep.)

16:40 - 17:40 O-13 **Monday 20 October ROOM 4 (2F Room B-1)**  
**[Patient Support Group]**  
Chairs: Mikaela Bow (The Children's Hospital at Westmead, The University of Sydney, Australia)  
Adriane L. Baylis (Nationwide Children's Hospital, USA)

O-13-1 **The Impact of Emotion Development Courses on Emotion Regulation in Cleft Patients**  
Tzu-Chi Chen (Noordhoff Craniofacial Foundation, Taiwan)

O-13-2 **Sirat - A Patient-Led Support Network Transforming Cleft Care in India**  
Ashim Garg (Samudgam Cleft Warriors Foundation, India)

O-13-3 **The Hunt for the Whistle: Collaborative development of a locally relevant bilingual children's book in New Zealand with indigenous partners and lived experience consultation**  
Samantha Kingsbury (Cleft New Zealand Incorporated, New Zealand)

O-13-4 **Medical support and training project of the treatment of cleft lip and palate in Myanmar**  
Naoko Kishi (Hiroshima University, Graduate School of Biomedical and Health Sciences, Department of Oral and Maxillofacial Surgery, Japan)

O-13-5 **Withdrawn**

O-13-6 **Insights to the History and Cultural History of Cleft Lip and Palate**  
Attila M Vastyan (Department of Pediatrics, University of Pecs, Hungary)

O-13-7 **Withdrawn**

16:40 - 17:40 O-14 **Monday 20 October ROOM 5 (2F Room B-2)**  
**[Speech and VPF] Speech Assessment/[Psychology/Neurology] Imaging**  
Chairs: Yvonne Wren (University of Bristol, United Kingdom)  
Tim Bressmann (University of Toronto, Canada)

O-14-1 **Reliability of clinician reported speech outcomes using the ICHOM standard set**  
Kristina Klinto (Lund University, Sweden / Skåne University Hospital, Sweden)

O-14-2 **Reliability and Validity of the PACS-C (Perceptual Assessment of Cleft Speech-Cantonese) Tool**  
Valerie J Pereira (The Chinese University of Hong Kong, Department of Otorhinolaryngology, Head and Neck Surgery, Hong Kong)

O-14-3 **Construction of the CAN-Zoo and the CAN-Rainbow and Development of a Cantonese Nasometer™ Normative Database for Cross-Linguistic Comparisons**  
Erica Cheng (The Chinese University of Hong Kong, Hong Kong)

O-14-4 **Construction and Development of a Cleft Speech Test for Cantonese-speaking Children: Initial Validation Results**  
Erica Cheng (The Chinese University of Hong Kong, Hong Kong)

<b>O-14-5</b>	<b>Development of a Machine Learning-Based Algorithm for Automatic Assessment of Speech Disorders in Individuals with Cleft Lip and/or Palate</b> Joy Zialesi Atokple (Kwame Nkrumah University of Science and Technology, Ghana / National Institute for Mathematical Sciences, Ghana)	
<b>O-14-6</b>	<b>Withdrawn</b>	
<b>O-14-7</b>	<b>Withdrawn</b>	
<b>16:40 - 17:40</b>	<b>O-15</b> <b>[Surgery] Alveolar Bone Grafting 1</b> Chairs: Emiko Isomura (The university of Osaka, Japan) Alexander L. Ivanov (Central Research Institute for Stomatology and MFS, Russia)	<b>Monday 20 October ROOM 6 (B1F Room E)</b>
<b>O-15-1</b>	<b>Management of premaxilla dystopia before alveolar bone grafting: surgery or orthodontics?</b> Alexander L Ivanov (Central Research Institute of Stomatology & Maxillofacial Surgery, Russia)	
<b>O-15-2</b>	<b>CT-Based Study of Mandibular Donor Site Healing in Cleft Patients: Piezoelectric vs. Rotary Osteotomy Techniques</b> Alexander L Ivanov (Central Research Institute of Stomatology and Maxillofacial Surgery, Russia)	
<b>O-15-3</b>	<b>Optimising Perioperative Pain Control for Day-Case Management of Paediatric Alveolar Bone Grafts</b> Sarah-Jayne Edmondson (Evelina London Cleft Service, United Kingdom)	
<b>O-15-4</b>	<b>Safety and Efficacy of Iliac Crest Re-harvesting for Secondary Alveolar Bone Grafting in Cleft Patients</b> Jing Qin Tay (Spires Cleft Centre, Oxford University Hospitals NHS Foundation Trust, United Kingdom)	
<b>O-15-5</b>	<b>A Two-Stage Approach to Alveolar Clefts Repair with Combined Cortical and Cancellous Bone Grafting</b> Chenghao Li (Department of Cleft Lip and Palate Surgery, West China Hospital of Stomatology, Sichuan University, China)	
<b>O-15-6</b>	<b>Surgical Access Technique for Alveolar Grafts. A Comparison of the Boyne and Sands Technique with the Lopez Cedrun Technique.</b> Arturo Medrano-Gutierrez (Bauru School of Dentistry-University of Sao Paulo, Brazil)	
<b>O-15-7</b>	<b>Keys for successful alveolar cleft grafting: Hiding in plain sight</b> Marwa Abdelwahab Elkassaby (Cleft Care Center, Faculty of Dentistry, Ainshams University, Egypt, Arab Rep. / Cleopatra Hospital group, Egypt, Arab Rep. / Cleft Solutions, Egypt, Arab Rep.)	

16:40 - 17:40 **O-16** Monday 20 October ROOM 7 (2F Room I)  
**[Genetics] Epidemiology/Etiology 1**  
 Chairs: Ambika Chadha (Birmingham Children's Hospital, UK, United Kingdom)  
 Takuya Ogawa (Department of Maxillofacial Orthognathics, Graduate School of Medical  
 and Dental Sciences, Institute of Science Tokyo, Japan)

**O-16-1** **Machine-Learning Prioritization of Human Gene Variants in Orofacial Cleft Pathogenesis**  
 Sogand Schafer (Children's Hospital of Philadelphia, United States)

**O-16-2** **Withdrawn**

**O-16-3** **Birth Prevalence of Cleft Lip and/or Palate – A Registry Study of All Children Born in Sweden Years 2000-2020**  
 MÅNs Cornefjord (Department of Clinical Sciences in Malmo, Lund University, Sweden /  
 Department of Plastic and Reconstructive Surgery, Skane University Hospital,  
 Sweden)

**O-16-4** **Regional Differences in Birth Prevalence of Cleft Lip and/or Palate in Sweden – A Register Study of All Children Born in Sweden Years 2000-2020**  
 MÅNs Cornefjord (Department of Clinical Sciences in Malmo, Lund University, Sweden /  
 Department of Plastic and Reconstructive Surgery, Skane University Hospital,  
 Sweden)

**O-16-5** **Withdrawn**

**O-16-6** **Prevention Strategies for Non-Syndromic Cleft Lip and/or Palate: The Role of Maternal Risk Factors during Preconception**  
 Salsabila Nurrin Ananda (Faculty of Dentistry, Brawijaya University, Indonesia)

**O-16-7** **Three-Dimensional Shape Modeling of Unilateral Cleft Lip: A Novel Phenotyping Tool**  
 Ambika Chadha (Birmingham Children's Hospital, United Kingdom)

9:00 - 9:50 **O-17** Tuesday 21 October ROOM 3 (1F Room D)  
**[Data Management and Sharing] 1**  
 Chairs: Magnus Becker (Department of plastic surgery, Skane University Hospital, Sweden)  
 Ron Hathaway (University of Michigan, USA)

**O-17-1** **Withdrawn**

**O-17-2** **ThaiCleftLink: Transforming Thailand Cleft Lip and Palate Care Management with Data-Driven Platform**  
 Krit Khwanngern (Princess Sirindhorn IT Foundation Craniofacial Center Chiang Mai University,  
 Thailand)

**O-17-3** **The Four Lines Algorithm for the treatment of Unilateral Cleft Lip**  
 Franklin Javier Paredes (Fundacion Operacion Sonrisa Ecuador, Ecuador)

**O-17-4** **An electronic workflow to optimally record national registry and audit data for cleft services in the United Kingdom**  
 Robert Nathan Manton (Cleft.Net.East, United Kingdom)

- O-17-5**      **Anonymizing Faces, Preserving Anomalies: Deep-Learning Based Privacy Protection for Clinical Photos of Patients with Cleft Lip**  
Rami R Hallac (Craniofacial Surgery, UT Southwestern Medical Center, United States / Analytical Imaging and Modeling Center, Children's Health, United States)
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- O-17-6**      **Comparison between current Dutch Cleft registry, a new Dutch quality registry for cleft (in development) and the registry of the European Reference network (ERN-Cranio): Similarities and differences**  
Aebele Barber Mink Van Der Molen (University Medical Center Utrecht, the Netherlands, Netherlands)
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- 9:00 - 9:50**      **O-18**      **Tuesday 21 October ROOM 4 (2F Room B-1)**  
**[Surgery] Primary Palate Surgery 1**  
Chairs: Yasuyoshi Tosa (Department of Plastic and Reconstructive Surgery, Keio University School of Medicine, Japan)  
Dale Podolsky (The Hospital for Sick Children, Canada)
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- O-18-1**      **Principles and techniques to reduce the incidence of fistula: a review of over 1000 cleft palate repairs by a single surgeon**  
Dale Justin Podolsky (Division of Plastic & Reconstructive Surgery, The Hospital for Sick Children, Canada / Posluns Center for Image Guided Innovation and Therapeutic Intervention (PCIGITI), Canada)
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- O-18-2**      **Which Intraoral Parameters Are Prognostic Factors for Speech Outcomes in Incomplete Cleft Palate?**  
Chi Hyun Lee (Department of Plastic and Reconstructive Surgery, Pusan National University School of Medicine, South Korea)
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- O-18-3**      **Primary Cleft Palate Repair in a Charitable Comprehensive Cleft Care Center in Oaxaca, Mexico: Assessing the impact of Socioeconomic Status on Post-operative Outcomes.**  
Nicolas E. Sierra (Pediatric Oral and Maxillofacial Surgery Unit, Vall d'Hebron University Hospital, Spain)
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- O-18-4**      **Long-term speech and otologic outcomes after cleft palate closure at 6 and 12 months: a single center randomization study**  
Lieke Hofman (Department of Pediatric Plastic Surgery, Wilhelmina Children's Hospital, University Medical Center Utrecht, University of Utrecht, Netherlands)
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- O-18-5**      **Impact of lesser palatine nerve preservation in speech outcomes of cleft palate patients receiving primary two-flap palatoplasty**  
Tae Suk Oh (Asan Medical Center, South Korea)
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- O-18-6**      **Speech Outcomes After Primary Palatoplasty and Presurgical Cleft Characteristics: Is There a Predictive Association?**  
Melissa Zatonni Antoneli (Hospital for Rehabilitation of Craniofacial Anomalies - University of São Paulo, Brazil)

9:00 - 9:50      **O-19**      Tuesday 21 October ROOM 5 (2F Room B-2)  
**[Orthodontic] Pre-surgical Orthopedics 1**  
 Chairs: Snehlata Oberoi (UCSF, USA)  
 Yasushi Nishii (Tokyo Dental College Department of Orthodontics, Japan/Tokyo)

**O-19-1**      **QUANTIFICATION OF THE ORTHOPEDIC IMPACT OF THE POA DEVICE IN NEONATES WITH COMPLETE UNILATERAL CLEFT LIP AND PALATE**  
 Ana Maria Tejero (UNIVERSITY OF VALENCIA. DENTAL SCHOOL. ORTHO DEPARTMENT, Spain)

**O-19-2**      **Withdrawn**

**O-19-3**      **A Retrospective Study on the Comparison of Nasal Symmetry in 5-Year-Old Children with Unilateral Cleft Lip and Palate Treated with/without Nasoalveolar Molding**  
 Jie Zheng (School and Hospital of Stomatology, Wuhan University, China)

**O-19-4**      **PRE-SURGICAL INFANT ORTHOPAEDICS: EXPERIENCES AND PERSPECTIVES OF CAREGIVERS OF NIGERIAN CHILDREN BORN WITH CLEFTS: A QUALITATIVE STUDY**  
 Ikenna Gerald Isiekwe (Lagos University Teaching Hospital, Nigeria)

**O-19-5**      **Withdrawn**

**O-19-6**      **Pre-Surgical Functional Maxillary Orthopedics for patients with Posterior Cleft Palate.**  
 Adriana Agell-Sogbe (Pediatric Oral and Maxillofacial Surgery Unit. Vall d'Hebron University Hospital, Spain)

9:00 - 9:50      **O-20**      Tuesday 21 October ROOM 6 (B1F Room E)  
**[Patient Reported Outcome] 1**  
 Chair: Hannah Bergman (Children's Mercy Hospital, United States)

**O-20-1**      **Normative CLEFT-Q results from a Swedish population without cleft**  
 Mia Solveig Stiernman (Lund University, Sweden)

**O-20-2**      **CLEFT-Q SwePsych: a prospective observational study to investigate the psychometric characteristics test-retest reliability, responsiveness, and interpretability of CLEFT-Q**  
 Mia Solveig Stiernman (Lund University, Sweden)

**O-20-3**      **When did they find out they look different?: A Preliminary Analysis of the Age at Which Children with CL±P Become Aware of their Facial Difference**  
 Kariym Christopher Joachim (Division of Plastic and Reconstructive Surgery, The Hospital for Sick Children (SickKids), Canada / Institute of Medical Science, Temerty Faculty of Medicine, University of Toronto, Canada)

**O-20-4**      **Enhancing Patient-Provider Communication: A User-Friendly Visual Diagram for Presenting Patient-Reported Outcomes in Craniofacial Scleroderma**  
 Ingrid M Ganske (Department of Plastic and Oral Surgery - Boston Children's Hospital, United States)

**O-20-5**      **Young Cleft Patients' Psychological and Social Adjustment: A Qualitative Study**  
 Wenying Kuang (Hospital of Stomatology Wuhan University, China)

**O-20-6**      **Analysing the Impact of Preoperative Cleft Severity on Patient-Reported Outcomes in Bulgarian Patients using CLEFT-Q.**  
 Mariyana Ivanova (Association Facial Anomalies - ALA, Bulgaria)

9:00 - 9:50      **O-21**      **Tuesday 21 October ROOM 7 (2F Room I)**  
**[Surgery] Alveolar Bone Grafting 2**  
Chairs: Yoshio Yamashita (Department of Oral and Maxillofacial Surgery, Faculty of Medicine, Saga University, Japan)  
Dina Diab Ghanem (Ain Shams University, Egypt)

**O-21-1**      **Collagen Membrane-Enhanced Gingivoperiosteoplasty for Alveolar Bone Regeneration in Cleft Patients: A non-randomized clinical trial**  
Jose Wittor De Macedo Santos (Craniofacial Center, Taipei Medical University Hospital, Taiwan / Department of Oral and Maxillofacial Surgery and Maxillofacial Prosthodontics, School of Dentistry, Federal University of Pelotas, Brazil)

**O-21-2**      **The KFC multimodal assessment of alveolar bone graft outcomes: beyond the Kindelan score.**  
Helen C Travess (Spires Cleft Centre, United Kingdom)

**O-21-3**      **The Outcome of secondary alveolar bone grafting in patients with cleft lip and palate at a tertiary cleft care center in Addis Ababa Ethiopia**  
Tewodros Melese Gebremedhin (YEKATIT 12 HOSPITAL MEDICAL COLLEGE, Ethiopia / werabe comprehensive specialised hospital, Ethiopia)

**O-21-4**      **Evaluation of Radiographic Outcomes of Alveolar Graft Associated with Premaxillary Osteotomy Performed with rhBMP-2.**  
Cristiano Tonello (Hospital for Rehabilitation of Craniofacial Anomalies- University of São Paulo, Brazil)

**O-21-5**      **Withdrawn**

**O-21-6**      **The Effect of Photobiomodulation Therapy in Alveolar Cleft Bone Grafting (Randomized Controlled Trial)**  
Dina Mohamed Ghanem (Cleft Care Center, Ain Shams University, Egypt, Arab Rep.)

9:00 - 9:50      **O-22**      **Tuesday 21 October ROOM 8 (2F Room J)**  
**[Cranio-maxillofacial] Craniosynostosis 1**  
Chairs: Benito K Benitez (Oral and Cranio-maxillofacial Surgery University Hospital Basel and University Children's Hospital Basel, Switzerland)  
Olushola Ibiyinka Amole (Department of Oral and Maxillofacial Surgery, Faculty of Dentistry, Bayero University Kano, Nigeria)

**O-22-1**      **Withdrawn**

**O-22-2**      **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**  
Benito K Benitez (Oral and Cranio-maxillofacial Surgery and Pediatric Oral and Cranio-maxillofacial Surgery, University Hospital Basel and University Childrens Hospital Basel, Switzerland)

**O-22-3**      **Unlocking the Skull: Less Rigid Approach to Synostotic Plagiocephaly Reconstruction in Resource-Limited Settings**  
Hui Yuan Lam (Department of Plastic and Reconstructive Surgery, Malaysia)

- 0-22-4**      **Common Craniosynostosis Syndromes: Is midface advancement surgery required?**  
Susana Dominguez-Gonzalez (Alder Hey Children's Hospital, United Kingdom)
- 
- 0-22-5**      **Optimizing Cranial Symmetry with Postoperative Helmet Therapy after Open Cranial Vault Remodeling in Syndromic Craniosynostosis**  
Asli Pekcan (Keck School of Medicine of USC, United States)
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- 0-22-6**      **Multidisciplinary Management of Syndromic Cleft Lip and Palate with Metopic Psuedocraniosynostosis and Diprosopus Dirrhinnus- The Begining of Paediatric Craniofacial Journey in Nigeria**  
Olushola Ibiyinka Amole (AMINUKANO TEACHING HOSPITAL, Nigeria)
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- 9:50 - 10:40**      **O-23**      **Tuesday 21 October ROOM 3 (1F Room D)**  
**[Data Management and Sharing] 2**  
Chair: Anna Chiara Corriero (University of Edinburgh, United Kingdom)
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- 0-23-1**      **Longitudinal Analysis of Publication Trends in Cleft Palate and Lips: A Coded Dataset Approach Over 160 Years**  
Anna Chiara Corriero (Usher Institute, University of Edinburgh, United Kingdom / NHS Lothian, United Kingdom)
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- 0-23-2**      **Career Development for Women Professionals in Cleft Care: Insights from a Multi-Country Multidisciplinary Fellowship Pilot for Emerging Leaders**  
Alyssa Caitlin Bautista (Global Surgery Research Fellowship, Research & Innovation Department, Operation Smile Inc., United States / Women in Medicine Development, Global Medical Education, Operation Smile Inc., United States)
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- 0-23-3**      **Cleft Care in Lao People Democratic Republic: An overview of surgical service and obstacles in Cleft Treatment under limited resources at Mahosot Hospital Vientiane (among Greater Mekong Sub region)**  
Kingphouthone Saythala (Mahosot Hospital, Lao PDR)
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- 0-23-4**      **The Cleft Collective Cohort Study: A global resource for research into the causes and best treatments for cleft**  
Yvonne Wren (University of Bristol, United Kingdom / Cardiff Metropolitan University, United Kingdom / Bristol Speech and Language Therapy Research Unit, North Bristol NHS Trust, United Kingdom)
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- 0-23-5**      **Implementing a Deduplication Model for Smile Train Data from Ghana and Nigeria**  
Emmanuel Obeng-Addae (Department of Mathematics, Kwame Nkrumah University of Science and Technology, Ghana / National Institute of Mathematical Sciences, Ghana)
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- 0-23-6**      **Mobile based app for telecommunication and data sharing between consultants, patients and their parents.**  
Sujan Das (KALINGA INSTITUTE OF DENTAL SCIENCES, India)

9:50 - 10:40      **O-24**      **Tuesday 21 October ROOM 4 (2F Room B-1)**  
**[Surgery] Primary Palate Surgery 2**  
 Chairs: Andreas Albert Mueller (Oral and Craniomaxillofacial Surgery, University Hospital and University Children's Hospital Basel, Switzerland)  
 Shinji Kobayashi (Kanagawa Children's Medical Center, Japan)

**O-24-1**      **Push-Back Palatal Repair Using Nasal Mucosal Flaps: 20-year experience and evolution of surgical technique**  
 Prabir Kumar Jash (Medical College Kolkata, India)

**O-24-2**      **Speech outcomes of one-stage surgery (cheilo-modified Furlow palatoplasty) in patients with unilateral cleft lip and palate**  
 Shinji Kobayashi (Kanagawa Children's Medical Center, Japan)

**O-24-3**      **Speech Outcomes in Five and Ten-Year old individuals following primary cleft palate repair**  
 Pritham Narayana Shetty (Consultant Maxillofacial Surgeon and Project Director, Smile Train, Bhagwan Mahaveer Jain Hospital, Bangalore, India / Bangalore Institute of Dental Sciences (BIDS) (Professor), India / Cloud Nine Hospital (Consultant Maxillofacial Surgeon), India / Unity Lifeline Hospital (Consultant Maxillofacial Surgeon), India)

**O-24-4**      **Speech correcting surgery after primary palatoplasty: a literature review and retrospective cohort study.**  
 Lieke Hofman (Department of Pediatric Plastic Surgery, Wilhelmina Children's Hospital, University Medical Center Utrecht, University of Utrecht, Netherlands)

**O-24-5**      **The Effect of Indocyanine-Green Fluorescence Angiography on Postoperative Outcome in Palatoplasty**  
 Seungmin Nam (Department of Plastic and Reconstructive Surgery, Soonchunhyang University Bucheon Hospital, South Korea)

**O-24-6**      **Withdrawn**

9:50 - 10:40      **O-25**      **Tuesday 21 October ROOM 5 (2F Room B-2)**  
**[Orthodontic] Pre-surgical Orthopedics 2**  
 Chairs: Stephen Yen (Children's Hospital Los Angeles/USC, USA)  
 Shouichi Miyawaki (Department of Orthodontics, Kagoshima University, Japan)

**O-25-1**      **Maxillary advancement according to different techniques: a comparison between surgical and orthodontic approaches**  
 Marco Brega (ASST Santi Paolo e Carlo - Ospedale San Paolo, Italy)

**O-25-2**      **Does Nasoalveolar Molding Change Postoperative Outcomes in Unilateral Cleft Lip Repair? A Three-Dimensional Critical Analysis**  
 Diego A. Gomez (Department of Pediatric Plastic and Reconstructive Surgery, Children's Hospital of Colorado, United States / Division of Plastic and Reconstructive Surgery, University of Colorado Anschutz Medical Campus, United States)

**O-25-3**      **Withdrawn**

**O-25-4 Comparisons of Dental Arch Characteristics in the Early and Late Mixed Dentition in Patients with and without Infant Orthopedics and Gingivoperiosteoplasty Procedures**  
Elcin Esenlik (Akdeniz University Faculty of Dentistry, Turkey)

**O-25-5 Withdrawn**

**O-25-6 Withdrawn**

9:50 - 10:40 **O-26** Tuesday 21 October ROOM 6 (B1F Room E)  
[Patient Reported Outcome] 2  
Chair: Kenny Ardouin (School of Psychology, Speech and Hearing, University of Canterbury, New Zealand)

**O-26-1 Standardized Measurement of Patient-Reported Outcomes in Cleft Care: A Pilot Study in Bolivia's LMIC Context**  
Eileen Ailin Tang (Division of Plastic and Reconstructive Surgery, The Hospital for Sick Children (SickKids), Canada / Temerty Faculty of Medicine, University of Toronto, Canada)

**O-26-2 Comparing Self-Reported Perceptions of Speech and Health Related Quality of Life using the CLEFT-Q with Speech-Language Pathologist Ratings using the Cleft Speech Score**  
Jessie Howard (Division of Plastic and Reconstructive Surgery, The Hospital for Sick Children (SickKids), Canada)

**O-26-3 Global strategies for overcoming barriers to implementing patient-reported outcome measures in routine clinical cleft care**  
Kenny Ardouin (School of Psychology, Speech and Hearing, University of Canterbury, New Zealand)

**O-26-4 Withdrawn**

**O-26-5 Evaluation of aesthetic and functional outcome measures following secondary cleft rhinoplasty**  
Tarun Chaudhary (Department of Plastic and Reconstructive Surgery, Amandeep Hospital, India)

**O-26-6 Does timely surgical intervention in Adolescents and Young Adults change CLEFT Q scores?**  
Richard Andrew Lewandowski (Mater Hospital, Australia)

9:50 - 10:40 **O-27** Tuesday 21 October ROOM 7 (2F Room I)  
[Surgery] Alveolar Bone Grafting 3  
Chairs: Akira Watanabe (Department of Oral and Maxillofacial Surgery TOKYO DENTAL COLLEGE, Japan)  
Wen-lin Xiao (The affiliated hospital of Qingdao University, China)

**O-27-1 Alveolar cleft reconstruction with vomerine bone. Two surgical procedures in one step: a case series**  
Luca Autelitano (Ceft Lip and Palate Regional Center, Operation Smile Milan, ASST Santi Paolo e Carlo San Paolo University Hospital, Italy)

0-27-2	<b>Double Trouble: Combining Alveolar Bone Grafting with Revision Palatoplasty</b> Kylie R Swiekatowski (Division of Plastic and Reconstructive Surgery, Department of Surgery, The University of Texas Health Science Center at McGovern Medical School, United States)
0-27-3	<b>The Impact of Alveolar Bone grafting on the long-term stability of secondary cleft rhinoplasty</b> Jingtao Li (West China Hospital of Stomatology, China)
0-27-4	<b>Long term results of the use of autologous tooth bone graft in secondary alveolar bone grafting</b> Tamas Wursching (Semmelweis University Pediatric Center, Hungary / Semmelweis University Department of Oro-Maxillofacial Surgery and Stomatology, Hungary)
0-27-5	<b>A 5-Step Iliac Cancellous Bone Harvesting Technique for Alveolar Cleft Bone Grafting</b> Yoshie Sasaki (Gunma children's medical center, Japan)
0-27-6	<b>Bupivacaine-Soaked Absorbable Sponge for Pain Management at the Iliac Crest Donor Site Following Pediatric Alveolar Bone Grafting: A Retrospective Cohort Study</b> Eileen Ailin Tang (Division of Plastic and Reconstructive Surgery, The Hospital for Sick Children (SickKids), Canada / Temerty Faculty of Medicine, University of Toronto , Canada)
9:50 - 10:40	<b>0-28</b> Tuesday 21 October ROOM 8 (2F Room J) <b>[Craniomaxillofacial] Craniosynostosis 2</b> Chairs: Takashi Nuri (Osaka Medical and Pharmaceutical University, Japan) Yoshiaki Sakamoto (Keio University School of Medicine, JAPAN)
0-28-1	<b>Artificial Intelligence for Accelerating Diagnosis of Craniosynostosis in Infants Using 3D Photography Scans: Development and Evaluation of a Clinically Impactful Model for Early Detection and Reduced Diagnostic Delays</b> Devin Singh (The Hospital for Sick Children, Canada)
0-28-2	<b>A New Dimension in Craniosynostosis Surgery: The Role of 3D Camera Scanning</b> Amir Bilder (Oral and Maxillofacial Surgery, Rambam Medical Care Center, Israel / Bruce Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Israel)
0-28-3	<b>External Validation of a Non-Radiologic Screening Tool for Sagittal Craniosynostosis: The Vertex-Nasion-Opisthocranion "Cho" Angle</b> Liana Cheung (Queensland Children's Hospital, Australia)
0-28-4	<b>Experimental approach to prevent re-synostosis after suturectomy for craniosynostosis</b> Takashi Nuri (Department of Plastic and Reconstructive Surgery, Osaka Medical and Pharmaceutical University Osaka Medical and Pharmaceutical University, Japan)
0-28-5	<b>Craniosynostosis the spectrum and outcome of surgical intervention: twenty year experience of The National Craniofacial Center in Oman</b> Sondus Al Jadeedi (Department of plastic and reconstructive surgery, craniofacial surgery department, Khoula hospital, Oman)
0-28-6	<b>Toward a National Protocol for Cleft Palate in Syndromic Craniofacial Conditions</b> Ambika Chadha (Birmingham Children's Hospital, United Kingdom)

13:30 - 14:20 **O-29** Tuesday 21 October ROOM 2 (2F Room A)  
**[Orthodontic] Orthodontic Tooth Alignment 1**  
 Chairs: Ellen Wen-Ching Ko (Graduate Institute of Dental and Craniofacial Science, Chang Gung University, Taiwan/ Taoyuan)  
 Eiji Tanaka (Tokushima University, Japan)

**O-29-1** **Dental treatment needs among 16-year-old patients with CL/P.**  
 Paul K. Saele (Haukeland University Hospital, Norway)

**O-29-2** **Withdrawn**

**O-29-3** **Repairing the alveolar clefts: shifting from alveolar bone grafting to extensive gingivoperiosteoplasty**  
 Philip Kuo-Ting Chen (Craniofacial Center, Taipei Medical university Hospital, Taiwan)

**O-29-4** **Withdrawn**

**O-29-5** **Skeletal Changes in Anterior Maxillary Distraction in Cleft Patients**  
 Siva Subramanian Chitravelu (Sri Ramachandra institute of Higher Education and Research, India)

**O-29-6** **Assessment of the Temporomandibular Joint Health, Occlusal Load Distribution and Masticatory Function in patients with Unilateral Cleft Lip and Palate following Orthodontic Treatment**  
 Minakshi Tibrewal (Department of Orthodontics, Manav Rachna Rachna Dental College Manav Rachna Dental College, India)

13:30 - 14:30 **O-30** Tuesday 21 October ROOM 3 (1F Room D)  
**[Outcome Studies] 3**  
 Chair: Benjamas Prathanee (Mekong Health Science Research Institute, Khon Kaen University, Khon Kaen, Thailand)

**O-30-1** **Patient-led Research: Novel Case Study Exploring Clinician-Patient Power Dynamics through Linguistic Discourse Analysis of a Paediatric Cleft Orthodontic Visit**  
 Beth Angella (University of Nottingham (past), United Kingdom)

**O-30-2** **Influence of patient-specific anatomical and surgical factors on speech outcomes for children with cleft palate**  
 Katelyn J Kotlarek (University of Wyoming, United States)

**O-30-3** **Evaluating the Outcomes of a Hybrid Speech Therapy Model for Cleft Palate Individuals: A New Paradigm for Therapy Delivery.**  
 Ravi Teja Bhukya (Basavataarakam Smile Train Center, India)

**O-30-4** **Development of a Set of Linked Clinical Outcome Measures and Key Performance Indicators for Cleft Palate Speech**  
 David Fitzsimons (The Children's Hospital at Westmead, Australia)

**O-30-5** **Literacy skills in 10-year-old Danish children born with cleft palate (CP) +/- cleft lip (L) and correlations with measures of early speech-language development**  
 Joan Bogh Nielsen (Cleft Palate Centre, Denmark)

**O-30-6**      **What happens when speech doesn't work: Measuring the relationship between speech and well-being**  
Yvonne Wren (University of Bristol, United Kingdom / Cardiff Metropolitan University, United Kingdom / Bristol Speech and Language Therapy Research Unit, North Bristol NHS Trust, United Kingdom)

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**O-30-7**      **Long-Term Outcomes of the Two-Stage Milan Protocol for Unilateral Cleft Lip and Palate: Growth, Speech, Aesthetics, and Surgical Burden**  
Maria Costanza Meazzini (Regional Center for Cleft Lip and Palate, Fondazione Operation Smile Italia ETS, Department of Maxillo Facial Surgery, ASST Santi Paolo e Carlo - San Paolo Hospital, Italy)

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13:30 - 14:20    **O-31**      **Tuesday 21 October ROOM 6 (B1F Room E)**  
**[Psychology/Neurology] Psychological Assessment**  
Chair: Matthew Hotton (University of Oxford / Oxford University Hospitals NHS Foundation Trust, United Kingdom)

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**O-31-1**      **Neuropsychological Disorders in Cleft Lip and Palate**  
Lucas M Harrison (University of Texas Southwestern Medical Center, United States)

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**O-31-2**      **Psychological Resilience and Appearance Satisfaction in Adult Patients with Unilateral Orofacial Clefts**  
Ana Dolenc (University of Ljubljana, Faculty of Medicine, Slovenia)

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**O-31-3**      **The Neural Fabric of Self-Image: Alpha-Band Connectivity in Adolescents with Orofacial Clefts**  
Jakob Sajovic (University Medical Centre Ljubljana, Slovenia)

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**O-31-4**      **Knowledge, Attitude and Concern (KAC) Among Parents of Children With Cleft Lip and Palate - Are We Addressing All The right Issues?: A Multicentric Study From India**  
Tradib A Jayapal (GOVT DENTAL COLLEGE,KANNUR, India)

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**O-31-5**      **Variation in Neuropsychological Profiles in Children with 22q11.2 Deletion Syndrome with Diverse Ethnic Backgrounds: A Single Center's Findings**  
Janine Rosenberg (University of Illinois Chicago, United States)

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**O-31-6**      **Impacts of Psychosocial Outcomes in Children with Unilateral Verses Bilateral Cleft Lip and Palate**  
Chizoba A. Mosieri (Louisiana State University Health Science Center Shreveport, United States / University of California Irvine Medical Center, Department of Plastic Surgery, United States / Children's Hospital of Orange County, United States)

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13:30 - 14:20    **O-32**      **Tuesday 21 October ROOM 7 (2F Room I)**  
**[Surgery] Primary Lip Surgery 2**  
Chairs: Takeshi Mitsuyasu (Department of Oral & Maxillofacial Surgery, Kyushu University Hospital, Japan)  
Syed Shamsuddin Ahmed (Bangladesh Craniofacial Foundation-BCF, Bangladesh)

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**O-32-1**      **Withdrawn**

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**O-32-2**      **Withdrawn**

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- O-32-3 Primary Lip Repair Focused on Nostril Sill Morphology**  
Takeshi Mitsuyasu (Department of Oral & Maxillofacial Surgery, Kyushu University Hospital, Japan)
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- O-32-4 Withdrawn**
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- O-32-5 PRIMARY REPAIR OF COMPLETE BILATERAL CLEFT LIP AND NASAL DEFORMITY WITH SEVERELY PROTRUDING PREMAXILLA BY PREMAXILLARY SET BACK WITH POSTERIOR VOMERINE OSTECTOMY**  
Bijoy Krishna Das (Smile Train New Life Cleft Center, Bangladesh / Evercare Hospital, Dhaka, Bangladesh)
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- O-32-6 Repairing occult cleft lips: using a square white skin roll flap and overlapped muscle sutures to restore the lip contour line and philtrum column**  
Philip Kuo-Ting Chen (Craniofacial Center, Taipei Medical University Hospital, Taiwan)
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- 13:30 - 14:20 O-33 Tuesday 21 October ROOM 8 (2F Room J)**  
**[Surgery] Speech / Velopharyngeal Surgery 3**  
Chairs: Mukunda Reddy Damalchervu (IndoAmerican cancer hospital, Hyderabad, India)  
Lun-Jou Lo (Chang Gung Memorial Hospital, Taiwan)
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- O-33-1 Palatal lengthening with bilateral buccinator myomucosal flaps: speech outcomes in sixty consecutive patients**  
Lucy C McAndrew (Spires Cleft Centre, United Kingdom)
- 
- O-33-2 Construction of virtual airway model to assist surgical correction of velopharyngeal insufficiency with posterior pharyngeal flap**  
Hongping Zhu (Peking University School and Hospital of Stomatology, China)
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- O-33-3 Collaborative Care: Integrating Shared Decision-Making in the Management of Velopharyngeal Dysfunction**  
Margaret Maureen Lico (NYU Langone Health, United States)
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- O-33-4 Furlow palatoplasty as speech surgery in children under 5 years with no obstructed production**  
Laura Lund Kuhlmann (Copenhagen Cleft Palate Centre, Copenhagen University Hospital – Rigshospitalet, Denmark)
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- O-33-5 Double-opposing Z-plasty for velopharyngeal insufficiency: Technical advancements and outcomes**  
Lun-Jou Lo (Department of Plastic & Reconstructive Surgery, and Craniofacial Research Center, Chang Gung Memorial Hospital, Taiwan)
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- O-33-6 Analysis of pattern of VP(velopharyngeal) port closure following suspension palatoplasty in 100 cases**  
Mukundareddy Damalchervu (Project director and Consultant Plastic surgeon, India)

14:30 - 15:30 **O-34** Tuesday 21 October ROOM 2 (2F Room A)  
**[Orthodontic] Orthodontic Tooth Alignment 2**  
Chairs: Naoto Haruyama (Section of Orthodontics and Dentofacial Orthopedics, Faculty of Dental Science, Kyushu University., JAPAN)  
Yijin Ren (UMCG, Netherlands)

**O-34-1** **Scandcleft cohort study: Relationship between skeletal intermaxillary relations (ANB) and occlusion in a large group of UCLP patients after final orthodontics.**  
Annelise Kuseler (Cleft Lip Palate Center, Denmark / Sections of Orthodontics, Department of Dentistry and Oral Health, Denmark)

**O-34-2** **Comparison of the stage of canine root formation and its eruption path between the cleft And non-cleft side of unilateral cleft lip and palate children following alveolar bone grafting**  
Surya Kanta Das (SCB DENTAL COLLEGE, India)

**O-34-3** **Withdrawn**

**O-34-4** **A Novel Approach to the Correction of Severe Class II Skeletal Anomalies in Hemifacial Microsomia**  
Neil Warshawsky (The Craniofacial Center, Division of Plastic, Reconstructive, and Cosmetic Surgery, United States)

**O-34-5** **multidisciplinary, staged, long term, individualized treatment planning for dental disorders in Cleidocranial Dysplasia patients.**  
Marjolijn Gilijamse (Amsterdam UMC, Netherlands)

**O-34-6** **Comparison of Presurgical Orthodontic Treatment Duration in Combined Orthodontic-Orthognathic Management Between Cleft and Non-Cleft Patients**  
Aida Nur Ashikin Abd Rahman (Universiti Teknologi MARA, Malaysia)

**O-34-7** **Development of an Index of Cleft Orthodontic Treatment Need (ICOTN) for the Normative and Self-Perceived Assessment of Orthodontic Treatment Needs in Children with Repaired Clefts: A comparative study**  
Ikenna Gerald Isiekwe (College of Medicine, University of Lagos, Nigeria / Department of Child Dental Health, Lagos University Teaching Hospital, Nigeria / Department of Orthodontics and Dentofacial Orthopedics, Manav Rachna Dental College, Manav Rachna International Institute of Research and Studies, United States)

14:40 - 15:30 **O-35** Tuesday 21 October ROOM 3 (1F Room D)  
**[Psychology/Neurology] Psychosocial Support 1**  
Chairs: Martin Persson (Kristianstad University, Sweden)  
Kenny Arduin (University of Canterbury, New Zealand)

**O-35-1** **A Pilot Program of Virtual Psychosocial Training for East African Cleft Teams**  
Senem Zeytinoglu Saydam (OTTAWA COUPLE AND FAMILY INSTITUTE, Canada)

**O-35-2** **Enhancing Psychosocial Care in Cleft Services: Challenges and Solutions in Lower Middle Income Countries**  
Senem Zeytinoglu Saydam (Ottawa Couple and Family Institute, Canada)

- O-35-3**      **Identifying the Areas of Clinical Prioritisation for a New Psychology Service for a Cleft Palate Team using Quality Improvement Methodology**  
Khiarn Raymond (Children's Hospital at Westmead, Australia)
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- O-35-4**      **Face Equality Training Project: training health professionals on the challenges faced by individuals with disfigurements**  
Gareth William Davies (European Cleft Organisation, Netherlands)
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- O-35-5**      **Providing psychosocial support to young people with a visible difference through an online intervention (YP Face It): Research evidence and opportunities for craniofacial teams**  
Kristin Billaud Feragen (Centre for Rare Disorders, Oslo University Hospital, Norway)
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- O-35-6**      **A European survey on access to mental health care services within ERN CRANIO**  
Kristin Billaud Feragen (Centre for Rare Disorders, Oslo University Hospital, Norway)
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- 14:30 - 15:30**      **O-36**      **Tuesday 21 October ROOM 6 (B1F Room E)**  
**Laterality in cleft lip and palate**  
Chairs: Yvonne Wren (University of Bristol, United Kingdom)  
David K Chong (Royal Childrens Hospital, Australia)
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- O-36-1**      **Children born with right-sided or bilateral cleft lip and palate are more likely to have permanent hearing loss at birth.**  
Sophie Butterworth (Cleft Registry and Audit Network, United Kingdom)
- 
- O-36-2**      **Sidedness in Unilateral Orofacial Clefts: A Systematic Scoping Review**  
David K Chong (Royal Childrens Hospital, Australia)
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- O-36-3**      **Cleft Laterality and early educational outcomes at 7 years of age in England: Results from linked national datasets**  
Kate J Fitzsimons (Cleft Registry and Audit Network (CRANE), Clinical Effectiveness Unit, Royal College of Surgeons of England, United Kingdom)
- 
- O-36-4**      **Laterality and speech outcomes for children with unilateral cleft lip and palate**  
John M D Thompson (Department of Paediatrics: Child and Youth Health, Faculty of Medical and Health Sciences University of Auckland, New Zealand / Department of Obstetrics, Gynaecology and Reproductive Sciences, Faculty of Medical and Health Sciences University of Auckland, New Zealand)
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- O-36-5**      **Laterality outcomes of nasolabial aesthetics for patients with unilateral cleft lip and unilateral cleft lip and palate**  
Peter Vincent Fowler (Department of Oral Sciences, Faculty of Dentistry, University of Otago,, New Zealand)
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- O-36-6**      **Unilateral cleft and palate laterality 5 year old outcomes from 3 different UK cleft datasets Cleft Collective Cleft Care UK (CCUK) and the Clinical Standards Advisory Group (CSAG)**  
Manar Al-Hassani (Bristol Dental School, University of Bristol, United Kingdom)
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- O-36-7**      **Sidedness and laterality of cleft lip with or without palate and its association with the presence of co-occurring structural and functional anomalies**  
Amy J V Davies (The Cleft Collective, Bristol Dental School, United Kingdom / Bristol Dental School, The University of Bristol, United Kingdom)

14:30 - 15:30 **O-37** Tuesday 21 October ROOM 7 (2F Room I)  
**[Surgery] Primary Lip Surgery 3**  
Chairs: Michael Bezuhly (Dalhousie University, Canada)  
Osam Nishizeki (Okinawa Prefectural Nanbu Medical Center / Children's Medical Center, Japan)

**O-37-1** **Ten Steps to Enhance Aesthetic and Reconstructive Outcomes in Unilateral Cleft Lip Repair with the Millard Technique**  
Rogelio Martinez-Wagner (Hospital General Dr. Manuel Gea González, Mexico)

**O-37-2** **The long term effect on the nasal septum deviation by the septal anchoring suture in primary unilateral cleft lip repair**  
Yuli Huang (Taipei Medical University Hospital, Taiwan)

**O-37-3** **Long term Follow-up of Primary Unilateral Cleft Nose Deformity Repair**  
Percy Rossell-Perry (Smile Train Foundation, Peru)

**O-37-4** **AN UPDATE OF TESSIER CLASSIFICATION OF RARE FACIAL CLEFTS**  
Bijoy Krishna Das (Smile Train New Life Hospital Center, Bangladesh)

**O-37-5** **What we learned from anatomical subunit approximation technique for unilateral cleft lip repair: our interpretation of the marking system**  
Osamu Nishizeki (Department of Plastic & Reconstructive Surgery, Okinawa Prefectural Nanbu Medical Center & Children's Medical Center, Japan)

**O-37-6** **Outcome Comparisons of Two Different Orbicularis Oris Muscle Reconstruction Techniques in Patients with Unilateral Incomplete Cleft Lip**  
Chenghao Li (Department of Cleft Lip and Palate Surgery, West China Hospital of Stomatology, Sichuan University, China)

**O-37-7** **Unilateral Cleft Lip Repair Outcomes Do Not Differ by Laterality: Results of the Multiethnic Smile Index Study**  
Michael Bezuhly (Division of Plastic Surgery, Dalhousie University, Canada)

14:30 - 15:30 **O-38** Tuesday 21 October ROOM 8 (2F Room J)  
**[Surgery] Speech / Velopharyngeal Surgery 4**  
Chairs: Simone J. Fisehbach (Hospital for sick children, Canada)  
Adriane L. Baylis (Nationwide Children's Hospital, USA)

**O-38-1** **Impact of Palatoplasty Timing on Speech Outcomes in Stickler Syndrome**  
Raina K Patel (Children's Hospital Los Angeles, United States / Nova Southeastern University Dr. Kiran C. Patel College of Allopathic Medicine, United States)

**O-38-2** **Furlow Palatoplasty vs Intravelar Veloplasty: Examining Early Differences in Speech Sound Development in Toddlers with Repaired Cleft Palate**  
Adriane L Baylis (Nationwide Children's Hospital, United States / The Ohio State University College of Medicine, United States)

**O-38-3** **Withdrawn**

**O-38-4** **Correction of Velopharyngeal Insufficiency (VPI) Using Double Opposing Buccinator Myomucosal Flap: Our 8 Years Experience of 146 Cases**  
Dr. Sarwpriya Sharma (CARE CHL Hospital, India)

**O-38-5**      **A Novel Framework of Surgical Intervention for Patients with Velopharyngeal Insufficiency After Palatoplasty**  
Roberto Flores (NYU Langone, United States)

**O-38-6**      **Patient Reported Outcomes after Surgical Treatment for Velopharyngeal Insufficiency**  
Jess Johanna Peters (Department of Plastic, Reconstructive and Hand surgery, Amsterdam UMC location University of Amsterdam, Netherlands / Amsterdam Reproduction and Development research institute, Netherlands)

**O-38-7**      **Unilateral buccal flap: Indications , technical aspects and possible patient related side-effects**  
Corstiaan Breugem (Amsterdam UMC, Netherlands)

**16:00 - 17:00**    **O-39**      **Tuesday 21 October ROOM 3 (1F Room D)**  
**[Surgery] Orthognathic Surgery 1**  
Chairs: Tomonao Aikawa (Hiroshima University, Graduate School of Biomedical and Health Sciences, Department of Oral and Maxillofacial Surgery, Japan)  
Marwa Abdelwahab Elkassaby (Oral and Maxillofacial Surgery department, Faculty of Dentistry, Ainshams University, Egypt)

**O-39-1**      **Orthodontic Preparation for Orthognathic Surgery with Invisalign Aligners in a Patient with a Unilateral Cleft.**  
Adriana Agell-Sogbe (Pediatric Oral and Maxillofacial Surgery Unit, Vall d'Hebron University Hospital, Spain)

**O-39-2**      **What Factors Influence Hardware Removal Following Orthognathic Surgery in Patients with Cleft Lip and Palate?**  
Mark Green (Boston Children's Hospital, United States)

**O-39-3**      **Do Patients with Cleft Lip and Palate Require More Post Operative Narcotics In the Hospital Following Orthognathic Surgery?**  
Mark A Green (Boston Children's Hospital, United States / Harvard School of Dental Medicine, United States)

**O-39-4**      **Protective mechanical ventilation during the intraoperative period of orthognathic surgery for patients with cleft lip and palate: development of a protocol and assessment of lung expansibility**  
Renato Yassutaka Faria Yaedu (Hospital for Rehabilitation of Craniofacial Anomalies (HRAC), Brazil / Clinical Hospital, Brazil / Bauru Dental School, Brazil)

**O-39-5**      **MID FACE DEFICIENCY IN CLEFT PATIENT WHICH OSTEOTOMY IS SUITABLE ?**  
Ghada Kamal Elmourshedy (operation smile Egypt, Egypt, Arab Rep.)

**O-39-6**      **Early Prediction of Orthognathic Surgery Risk in Patients CL/P Using Intraoral Models**  
Chihiro Tanikawa (Osaka University, Japan)

**O-39-7**      **The Comparisons of Segmental Mandible Osteotomy with or without Osseous Genioplasty**  
Dwi Wicaksono (Department of Plastic and Reconstructive Surgery and Craniofacial Research Center, Chang Gung Memorial Hospital, Chang Gung University, Taiwan, Taiwan)

16:00 - 17:00 **O-40** Tuesday 21 October ROOM 4 (2F Room B-1)  
**[Craniofacial] Craniomaxillofacial Surgery 2**  
Chairs: Cristiano Tonello (University of São Paulo, Brazil)  
Ushio Hanai (Department of plastic surgery, Tokai University, Japan)

**O-40-1** **Clinical Insights and Associated Malformations in 51 Cases of Tessier Cleft Number 30: A Comprehensive Analysis.**  
Cristiano Tonello (Hospital for Rehabilitation of Craniofacial Anomalies- University of São Paulo, Brazil)

**O-40-2** **Lefort I osteotomy combined with distraction osteogenesis for maxillary retrusion after cleft lip and palate surgery: a retrospective clinical study**  
Lianglianhg Kong (Children's hospital of Nanjing medical university, China)

**O-40-3** **Parry Romberg Syndrome Protocol with Long-Term Follow-Up: Chang Gung Experiences**  
Kazuki Ueno (Department of Plastic and Reconstructive Surgery and Craniofacial Center, Chang Gung Memorial Hospital, Taiwan / Department of Plastic and Reconstructive Surgery, Wakayama Medical University, Wakayama, Japan / Department of Plastic and Reconstructive Surgery, Japanese Red Cross Wakayama Medical Center, Japan)

**O-40-4** **Progress in the treatment of Pierre Robin Sequence due to Goldenhar syndrome: achieving vocalization and decannulation.**  
Yuri Yae (Osaka Medical and Pharmaceutical University, Japan)

**O-40-5** **The corrugated nose is a specific phenotype of frontonasal dysplasia. Is it Tessier cleft 14 or a bilateral cleft 13?**  
Cristiano Tonello (Hospital for Rehabilitation of Craniofacial Anomalies- University of São Paulo, Brazil)

**O-40-6** **One stage surgical correction using Chula Technique An alternative approach for managing Frontoethmoidal Encephalocele**  
Niphon Klai-On (Department of Oral & Maxillofacial Surgery, Faculty of Dentistry, Khon Kaen University, Thailand)

**O-40-7** **Withdrawn**

16:00 - 17:00 **O-41** Tuesday 21 October ROOM 5 (2F Room B-2)  
**[Surgery] Primary Palate Surgery 3**  
Chair: Michaela Vecerova (3rd Faculty of Medicine Charles University and Hospital Kralovske Vinohrady, Prague, Czech Republic)

**O-41-1** **Withdrawn**

**O-41-2** **Experience of Anatomic cleft palate restoration philosophy (ACRP) using buccal flap in Primary Palatoplasty**  
Varun Menon P (H S Adenwalla Institute of Cleft lip and palate ;Charles Pinto Centre, Jubilee Mission Medical College & Research Institute, India)

**O-41-3** **Primary Cleft Palate Repair: 10 years evaluation , retrospective study**  
Michaela Vecerova (Department of Plastic Surgery, Faculty Hospital Kralovske Vinohrady and 3rd Faculty of Medicine, Charles University, Prague, Czech Republic)

<b>O-41-4</b>	<b>Timing of Reverse Double Z-Plasty in Cleft Palate Repair: A Multivariable Model for Predicting Long-Term Audiological and Speech Outcomes</b> Xie Jiang (The Affiliated Children's Hospital Of Xiangya School of Medicine, Central South University (Hunan children's hospital), China)
<b>O-41-5</b>	<b>Is a vomer flap at palatoplasty associated with the formation of a bony palatal bridge</b> Bonnie Lee Padwa (Boston Children's Hospital, United States)
<b>O-41-6</b>	<b>Different variables as predictors of speech correcting surgery following primary palatoplasty: a logistic regression model for cleft palate patients</b> Lieke Hofman (Department of Pediatric Plastic Surgery, Wilhelmina Children's Hospital, University Medical Center Utrecht, University of Utrecht, Netherlands)
<b>O-41-7</b>	<b>Evolution of cleft palate repair from two flap palatoplasty, to Furlow technique and Furlow with Buccal myomucosal flap: Early insights into speech outcomes</b> Vasant Radhakrishnan (H S Adenwalla Institute, Charles Pinto centre for cleft lip and palate, India)
<b>16:00 - 17:00</b>	<b>O-42</b> <b>Tuesday 21 October ROOM 6 (B1F Room E)</b> <b>[Surgery] Fistula Closure 1</b> Chair: Jingtao Li (West China Hospital of Stomatology, Sichuan University, China)
<b>O-42-1</b>	<b>Comparison between Two Mucoperiosteal Flap Techniques in Repairing Hard Palate Postpalatoplasty Fistulas</b> Jingtao Li (West China Hospital of Stomatology, Sichuan University, China)
<b>O-42-2</b>	<b>Global Trends on Oronasal Fistulas in Cleft Patients: Highlights from 2022-2024</b> Laura Herrera Gomez (University of Southern California, United States / Operation Smile Inc., United States)
<b>O-42-3</b>	<b>Surgical Management and Outcomes of Palatal Fistula Repair in Adults: Challenges, Recurrence Rates, and Speech Improvement</b> Muhammad Daiem (CLAPP Hospital, Pakistan)
<b>O-42-4</b>	<b>The Palatal Fistula Difficulty Index: Development and Validation of a Tool for Stratifying Fistula Complexity and Guiding Triage</b> Muhammad Daiem (CLAPP Hospital, Pakistan)
<b>O-42-5</b>	<b>Withdrawn</b>
<b>O-42-6</b>	<b>Withdrawn</b>
<b>O-42-7</b>	<b>Withdrawn</b>
<b>16:00 - 17:00</b>	<b>O-43</b> <b>Tuesday 21 October ROOM 8 (2F Room J)</b> <b>[Prenatal/Neonatal] Prenatal Diagnosis</b> Chair: Ting Chen Lu (Chang Gung Memorial Hospital Linkou, Taiwan)
<b>O-43-1</b>	<b>Addressing Inconsistencies in Antenatal Cleft Counselling Between NHS and Private Sectors</b> Ambika Chadha (Birmingham Children's Hospital, United Kingdom)

<b>O-43-2</b>	<b>Visualization of human fetal cleft palate anatomy</b> Jess Johanna Peters (Amsterdam UMC location University of Amsterdam, Dept. of Plastic, Reconstructive and Hand surgery, Netherlands / Amsterdam Reproduction and Development research institute, Netherlands)
<b>O-43-3</b>	<b>NEWBORN EXAMINATION PRACTICES AT PUBLIC HEALTH FACILITIES IN ADDIS ABABA, ETHIOPIA</b> Merertu Temesgen Alemu (Yekatit 12 Hospital medical college, Ethiopia)
<b>O-43-4</b>	<b>Prenatal Consultation Practices in the United States for Infants with Cleft Lip and/or Palate</b> Logyn Michelle Swain (Advent Health Sports Med & Rehab, United States)
<b>O-43-5</b>	<b>Organization of prenatal care in orofacial clefts and suspected Robin sequence: a European survey</b> Shirley Van De Velde (University Medical Center Utrecht, Netherlands)
<b>O-43-6</b>	<b>A Joint Prenatal Orofacial Cleft Clinic Improves the Accuracy Rate of Prenatal Diagnosis-Experiences from Taiwan</b> Tze-Yi Yang (Taiji Clinic, Taiwan)
<b>O-43-7</b>	<b>Case Report: A Massive Facial Teratoma</b> Satoko Yamawaki (Department of Plastic and Reconstructive Surgery, Hyogo Prefectural Amagasaki General Medical Center, Japan)
<b>10:30 - 11:20</b>	<b>O-44</b> <b>Wednesday 22 October ROOM 3 (1F Room D)</b> <b>[Surgery] Lip and Nose Revision 1</b> Chairs: Takeshi Miyawaki (The Jikei University Hospital, Japan) Khurram Khan (Birmingham Children's Hospital, UK, United Kingdom)
<b>O-44-1</b>	<b>The Rate of Revision Surgery for Secondary Deformities of the Lip in Cleft Lip Patients: A Systematic Review</b> Alexander T Plonkowski (Division of Plastic and Maxillofacial Surgery, Children's Hospital Los Angeles, United States / Operation Smile Incorporated, United States)
<b>O-44-2</b>	<b>Holistic Management in Rhinoplasty for Cleft Lip and Palate</b> Javier Andres Meza-Hernandez (Faculty of Medicine, National Autonomous University of Mexico, Mexico)
<b>O-44-3</b>	<b>Withdrawn</b>
<b>O-44-4</b>	<b>The Birmingham Cleft Nose Scale: A Unilateral Cleft Nasal Difference Classification</b> Will Breakey (West Midlands Regional Cleft Service, United Kingdom)
<b>O-44-5</b>	<b>Orthognathic surgery and cleft lip nose correction simultaneously</b> Sergey Nikolaevich Bessonov (The Yaroslavl State Medical University, Russia)
<b>O-44-6</b>	<b>Secondary septo-rhinoplasty in unilateral and bilateral cleft lip and palate patients - a 2-year retrospective cohort study</b> Linda Plovmand Jakobsen (Department of Plastic Surgery and Burns Unit, Rigshospitalet, Denmark)

10:30 - 11:20 **O-45** Wednesday 22 October ROOM 4 (2F Room B-1)  
**[Surgery] Orthognathic Surgery 2**  
 Chair: Katsuya Kanno (Oral and Maxillofacial Surgery, Jusendo General Hospital, Japan)

**O-45-1** **Orthodontic and Orthognathic Treatment for Obstructive Sleep Apnea in Patient with Treacher Collins Syndrome**  
 Pang-Yun Chou (Chang Gung Memorial Hospital, Taiwan)

**O-45-2** **Postoperative cephalometric changes one year after Early Le Fort I osteotomy in growing patients with clefts**  
 Minna Irmeli Merta (Päijät-Häme Joint Authority for Health and Wellbeing, Department of Oral and Maxillo-Facial Surgery, Finland)

**O-45-3** **Achieving accurate internal maxillary distraction osteogenesis among patients with cleft with virtual planning and 3D printed surgical guide**  
 Jingtao Li (West China Hospital of Stomatology, China)

**O-45-4** **Pterygomaxillary Fracture Patterns in Cleft Orthognathic Surgery**  
 Renato Yassutaka Faria Yaedu (Hospital for Rehabilitation of Craniofacial Anomalies, University of São Paulo (HRAC-USP), Brazil / Clinical Hospital, Brazil / Bauru Dental School, University of São Paulo, Brazil)

**O-45-5** **Cleft Maxillary Orthognathic Surgery: A Retrospective Analysis Proposing a Novel Difficulty Index and treatment planning guidelines**  
 Marwa Abdelwahab Elkassaby (Cleft care center, Faculty of Dentistry, Ainshams university, Egypt, Arab Rep.)

**O-45-6** **Anterior Maxillary Distraction in a Cleft Patient: A multidisciplinary Clinical Approach**  
 Petra C.M. Zuurbier (ACTA, Netherlands)

10:30 - 11:20 **O-46** Wednesday 22 October ROOM 5 (2F Room B-2)  
**[Orthodontic] Growth 3**  
 Chairs: Om Prakash Kharbanda (ABMSS Smile and National Academy of Medical Sciences, India)  
 Yoshiaki Sato (Department of Orthodontics, Division of Dental Medicine, Faculty of Dental Medicine, Hokkaido University, Japan)

**O-46-1** **Is the severity of maxillomandibular discrepancy higher in patients with unilateral cleft lip and palate associated with van der Woude syndrome?**  
 Felicia Miranda (Bauru Dental School, University of São Paulo, Brazil / Hospital for Rehabilitation of Craniofacial Anomalies, University of São Paulo, Brazil)

**O-46-2** **An AI-based classification system for evaluating alveolar bone defects prior to secondary bone grafting**  
 Felicia Miranda (Bauru Dental School, University of São Paulo, Brazil / Hospital for Rehabilitation of Craniofacial Anomalies, University of São Paulo, Brazil)

**O-46-3** **Does hand-predominance have a predominant influence on craniofacial asymmetric and anthropometric analysis in preadolescences?**  
 Gloria Chen (Department of Plastic and Reconstructive Surgery and Craniofacial Research Center, Chang Gung Memorial Hospital, Chang Gung University,, Taiwan)

**O-46-4**      **PREVALENCE OF MAJOR AND MINOR CRANIOFACIAL ANOMALIES IN SCHOOL CHILDREN FROM FACATATIVA COLOMBIA**  
Carolina Tellez (UNIVERSIDAD EL BOSQUE, Colombia)

**O-46-5**      **A Global Systematic Review of Growth in Young Children with Cleft Lip and/or Palate**  
Sara Kinter (Seattle Children's Research Institute, United States / University of Washington, United States)

**O-46-6**      **Enhancing Quality of Care in Cleft Orthodontics**  
Monica Dominguez (Smile Train, United States)

10:30 - 11:20    **O-47**      **Wednesday 22 October ROOM 6 (B1F Room E)**  
**[Family Support] 1**  
Chairs: Zainal Azhar Ahmad (Cleft Lip & Palate Association of Malaysia, Malaysia)  
Zuraini Ghazali (Cleft Lip and Palate Association of Malaysia, Malaysia)

**O-47-1**      **Cleft Care Connect: Inclusive Video Resources for Families Navigating Cleft Care**  
Megan Elke Jones (Child and Adolescent Health Service, Australia)

**O-47-2**      **Analysis of the Effectiveness of In-home Cleft Care Training for Families of Children with Cleft Lip and Palate**  
Pey Rong Wang (Noordhoff Craniofacial Foundation, Taiwan)

**O-47-3**      **My Cleft Passport: A Patient-Centred Tool to Enhance Communication and Empower Families in Cleft Care**  
Michaela Bronte Pollock (Monash Children's Hospital, Monash Health, Australia)

**O-47-4**      **Communicating about the craniofacial condition: Two qualitative studies on the experiences of parents and adolescents**  
Kristin Billaud Feragen (Centre for Rare Disorders, Oslo University Hospital, Norway)

**O-47-5**      **Can Large Language Models Guide Patients on Cleft Lip Repair? Evaluating Accuracy, Clarity, and Readability**  
Rami Hallac (UT Southwestern Medical Center, United States / Analytical Imaging and Modeling Center, Children's Health, United States)

**O-47-6**      **Dynamics of healthcare financing in global surgery: A significant barrier to care in Africa.**  
Daniel David Otobo (Operation Smile Inc., United States)

10:30 - 11:20    **O-48**      **Wednesday 22 October ROOM 7 (2F Room I)**  
**[Craniofacial] Robin Sequence 1**  
Chair: Fabio Mazzoleni (Pediatric Craniofacial Malformations Unit, Smile House Monza - Craniofacial Center, Fondazione IRCCS San Gerardo dei Tintori, Monza, Italy)

**O-48-1**      **Pierre Robin Sequence - Initial management of upper airway obstruction: A 50 patient cohort study and review of literature**  
Benito K Benitez (Oral and Craniofacial Surgery and Pediatric Oral and Craniofacial Surgery, University Hospital Basel and University Childrens Hospital Basel, Switzerland / Faculty of Medicine, University of Basel, Switzerland / Facial and Cranial Anomalies Research Group, DKF and DBE, University of Basel, Switzerland)

- O-48-2**      **Differences in analysis and treatment of upper airway obstruction in Robin sequence across different countries in Europe**  
Corstiaan Breugem (Amsterdam UMC, Netherlands)
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- O-48-3**      **Long-Term Effects of Mandibular Distraction Osteogenesis in Robin Sequence**  
Shirley Van De Velde (University Medical Center Utrecht, Netherlands)
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- O-48-4**      **Postoperative Respiratory Difficulties Following Primary Cleft Palate Repair in Infants With Robin Sequence Versus Isolated Cleft Palate**  
Shirley Van De Velde (University Medical Center Utrecht, Netherlands)
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- O-48-5**      **Surgical Outcomes of Mandibular Distraction Osteogenesis in PRS: Stability, Growth, and Complications**  
Fabio Mazzoleni (Pediatric Craniofacial Malformations Unit, Smile House Monza - Craniofacial Center, Fondazione IRCCS San Gerardo dei Tintori, Italy)
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- O-48-6**      **Polysomnography before and after bilateral mandibular distraction osteogenesis in pediatric OSA and Robin sequence: the Amsterdam treatment algorithm**  
Frea H Kruisinga (Emma Children's Hospital Amsterdam UMC, Netherlands)

10:30 - 11:20    **O-49**      **Wednesday 22 October ROOM 8 (2F Room J)**  
[Medical/Surgical Technology] 1  
Chair: Linping Zhao (Shriners Children's Chicago Hospital/University of Illinois at Chicago, United States)

- O-49-1**      **ARTIFICIAL INTELLIGENCE TO EVALUATE GOSLON YARDSTICK- DEVELOPMENT AND VALIDATION.**  
Alice Castro Guedes Mendonca (Federal University of Paraiba, Brazil)
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- O-49-2**      **Practical Assessment of Facial Dynamics with Cleft Lip and Palate via 4D Surface Imaging**  
Linpings Zhao (Shriners Children's-Chicago Hospital, United States / Division of Plastic, Reconstructive and Cosmetic Surgery, University of Illinois at Chicago, United States)
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- O-49-3**      **Withdrawn**
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- O-49-4**      **Examining the Impact of a Global Cleft Speech Mentorship Program on Practitioner Skills in Low- and Middle-Income Countries**  
Sara A Horne (Smile Train, United States)
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- O-49-5**      **Withdrawn**
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- O-49-6**      **Withdrawn**

11:20 - 12:10    **O-50**      **Wednesday 22 October ROOM 3 (1F Room D)**  
[Surgery] Lip and Nose Revision 2  
Chairs: Bowornsilp Chowchuen (Khon Kaen University, Thailand)  
Koichi Ueda (Osaka Medical and Pharmaceutical University, Japan)

- O-50-1**      **Biomechanically-Driven Restoration of the Ligamentous-Muscular Complex via Occult Incisions: Harmonizing Aesthetics and Function in Microform Cleft Lip Reconstruction**  
Xiao-Le Wang (Hospital of Stomatology, Wuhan University, China)

<b>O-50-2</b>	<b>Analysis of treatment progress of boot flap for secondary surgery in cleft lip</b> Yuka Hirota (Plastic and Reconstructive Surgery, Osaka Medical and Pharmaceutical University, Japan)
<b>O-50-3</b>	<b>Withdrawn</b>
<b>O-50-4</b>	<b>Cortical chin bone grafting for secondary correction of nasal deformity in adolescent with cleft lip and palate</b> Emiko Tanaka Isomura (Department of Oral and Maxillofacial Surgery, The University of Osaka, Graduate School of Dentistry / Center for Cleft Lip and Palate Treatment, The University of Osaka, Dental Hospital, Japan)
<b>O-50-5</b>	<b>Exploring the Role of Dermal Fillers in Cleft Lip Treatment: A Survey of UK Cleft Surgeons</b> Ambika Chadha (Birmingham Children's Hospital, United Kingdom)
<b>O-50-6</b>	<b>Intermediate Rhinoplasty in Cleft Lip: A Scoping Review of Global Practices and Evidence</b> Ambika Chadha (Birmingham Children's Hospital, United Kingdom)
<b>11:20 - 12:10</b>	<b>O-51</b> <span style="float: right;"><b>Wednesday 22 October ROOM 4 (2F Room B-1)</b></span> <b>[Surgery] Orthognathic Surgery 3</b> Chairs: Tetsuya Seikai (Department of Oral and Maxillofacial Surgery, Division of Oral Pathobiological Science, Graduate School of Dental Medicine, Hokkaido University, Japan) Ming Cai (Shanghai Ninth people's hospital, Shanghai Jiaotong University, China)
<b>O-51-1</b>	<b>3-dimensional evaluation of modification in periorbital structures after midface trans-sutural distraction osteogenesis</b> Liang Yang (Shenzhen Second People's Hospital, China)
<b>O-51-2</b>	<b>Comparison of Time, Workflow, and Feasibility of Two Virtual Surgical Planning Software Programs in Orthognathic Surgery for Patients with Cleft Lip and Palate</b> Bharbara Marinho Barcellos (Hospital for Rehabilitation of Craniofacial Anomalies, University of São Paulo, Brazil)
<b>O-51-3</b>	<b>Single-Splint, Two-Jaw Orthognathic Surgery for Correction of Dentofacial Deformity: Outcome of Patient-Centered Three-Dimensional Planning and Surgical Execution.</b> Nobuhiro Sato, Md (Craniofacial Research Center, Chang Gung Memorial Hospital, Chang Gung University, Taiwan / Ginza Takasu Clinic, Japan)
<b>O-51-4</b>	<b>Withdrawn</b>
<b>O-51-5</b>	<b>Withdrawn</b>
<b>O-51-6</b>	<b>Maxillary transverse rotations in orthognathic surgery in cleft lip and palate patients: orthodontic outcomes.</b> ChloÉ Ifeoluwa Rolland (Cambridge University Hospitals NHS Trust, United Kingdom / Cleft.Net. East, United Kingdom)

11:20 - 12:10 **O-52** Wednesday 22 October ROOM 5 (2F Room B-2)  
**[Orthodontic] Pre-surgical Orthopedics 3**  
 Chairs: Hitesh Kapadia (Texas Children's Hospital and Baylor College of Medicine, United States)  
 Naoto Suda (Meikai University School of Dentistry, Japan)

**O-52-1** **The Effect of Nasoalveolar Molding on Surgical Timing, Clinic Visits, and Complications in Cleft Lip/Palate Patients**  
 Alexander Velazquez (The University of Texas Southwestern Medical Center, United States / University of Mississippi Medical Center, United States)

**O-52-2** **Evaluation of Dental age and Skeletal maturation in a patient population with Repaired cleft lip and palate, aged 5-16 years.**  
 Omotunde Abiola Koledoye (Lagos University Teaching Hospital, Nigeria)

**O-52-3** **Current Status of Presurgical Nasoalveolar Molding in Cleft Lip and Palate Patients: Evidence from Systematic Reviews.**  
 Karthik Sennimalai (All India Institute of Medical Sciences, Jammu, India)

**O-52-4** **Photometric evaluation of nasoalveolar molding efficacy in primary treatment of complete cleft lip and palate: comparison of two techniques**  
 Valeria Marinella Augusta Battista (Cleft Lip and Palate Regional Center, Operation Smile Milan, ASST-Santi Paolo e Carlo, San Paolo University Hospital, Italy)

**O-52-5** **Comparison of pre-surgical palatal morphology in children with varying cleft types using three-dimensional analysis**  
 Jakub Teodorczuk (Department of Maxillofacial Surgery, Clinic of Pediatric Surgery, Institute of Mother and Child, Poland)

**O-52-6** **Interceptive non-cooperative orthodontic treatment to prevent spontaneous mesial migration in a boy with Crouzon syndrome**  
 Louise Barnechow (Department of Oral and Maxillofacial Surgery, Copenhagen University Hospital, Rigshospitalet, Denmark)

11:20 - 12:10 **O-53** Wednesday 22 October ROOM 6 (B1F Room E)  
**[Family Support] 2**  
 Chair: Ikenna Gerald Isiekwe (University of Lagos, Nigeria/Lagos University Teaching Hospital, Idi-Araba, Lagos, Nigeria)

**O-53-1** **Perceptions and experiences of Nigerian fathers of children born with cleft lip and palate: A qualitative study.**  
 Ikenna Gerald Isiekwe (College of Medicine, University of Lagos, Nigeria / Department of Child Dental Health, Lagos University Teaching Hospital, Nigeria)

**O-53-2** **Withdrawn**

**O-53-3** **Bridging the Coverage Gap: A Health Policy Analysis of the Ensuring Lasting Smiles Act & the Implications for Patients with Cleft Conditions in the United States**  
 Alyssa Caitlin Bautista (Global Surgery Research Fellowship, Operation Smile Inc., United States / Health Policy and Advocacy Department, Operation Smile Inc., United States)

**O-53-4** **Withdrawn**

**O-53-5**      **Burdens of Care in NAM Therapy for Cleft Patients – Perspectives of the Caregivers**  
Nga Do Van Trinh (Vietnam National Children’s Hospital, Vietnam)

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**O-53-6**      **Factors Influencing the Adaptation of Parents of Newborns with Cleft Lip and Palate in Support Groups**  
Shih-Chieh Li (Noordhoff Craniofacial Foundation, Taiwan)

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11:20 - 12:10    **O-54**      **Wednesday 22 October ROOM 7 (2F Room I)**  
**[Craniofacial] Robin Sequence 2**  
Chair: Thao Thi Nhu Dinh (Children’s Hospital 1, Department of Odonto-Stomatology in Orthodontics, Vietnam)

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**O-54-1**      **Orthodontic Airway Plate to Treat Upper Airway Obstruction in Robin Sequence: Perspective of the Seattle Childrens Hospital Orthodontic Team**  
Marielena Layuno Matos (Seattle Children’s Hospital, United States / Department of Craniofacial Orthodontics, Seattle Children’s Hospital, United States / Craniofacial Center, Seattle Children’s Hospital, United States)

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**O-54-2**      **Early Outcomes of Tubigen Palatal Plate for Airway Obstruction in patients with Pierre Robin Sequence in Vietnam**  
Thao Dinh Thi Nhu (Children’s Hospital 1, Department of Odonto-Stomatology in Orthodontics, Vietnam)

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**O-54-3**      **Polysomnographic and endoscopic evaluation of children with isolated Robin sequence underwent to cleft palate repair.**  
Cristiano Tonello (Hospital for Rehabilitation of Craniofacial Anomalies- Univeristy of São Paulo, Brazil)

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**O-54-4**      **Withdrawn**

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**O-54-5**      **Withdrawn**

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**O-54-6**      **Stickler Syndromes with Cleft and Non-Cleft Palate: Presentation to a Paediatric Hospital in the UK**  
Jose Gonzalez-Martin (Consultant Ophthalmologists, Alder Hey Children’s Hospital, United Kingdom)

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11:20 - 12:10    **O-55**      **Wednesday 22 October ROOM 8 (2F Room J)**  
**[Medical/Surgical Technology] 2**  
Chair: Dipesh Rao (Bhagwan Mahaveer Jain Hospital, India)

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**O-55-1**      **Virtual Reality Simulation for Cleft Palate Repair Education in a Low-Resource Setting: A Feasibility Study Uniting Transcontinental Surgeons within the Metaverse**  
Dipesh Rao (Bhagwan Mahaveer Jain Hospital, India)

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**O-55-2**      **Withdrawn**

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**O-55-3**      **Withdrawn**

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- O-55-4 Trends in cleft palate incidence in the era of obstetric sonography and early detection**  
Michal Almos (Oral and Maxillofacial Surgery, Rambam Medical Care Center, Israel / Ruth & Bruce Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Israel)
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- O-55-5 Cleft lip and palate surgery simulator: Open source simulation model**  
Andreas Albert Mueller (Oral and Craniomaxillofacial Surgery, University and University Hospital Basel, Switzerland / Pediatric Oral and Craniomaxillofacial Surgery, University Children's Hospital Basel, Switzerland / Facial and Cranial Anomaly Research Group, University of Basel, Switzerland / Department of Biomedical Engineering, University of Basel, Switzerland / Department of Clinical Research, University of Basel, Switzerland)
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- O-55-6 Implementing Simulation in the Orthodontic Airway Plate Protocol for Infants with Robin Sequence to Enhance Safety, Predictability, and Efficiency**  
Marielena Layuno Matos (Seattle Children's Hospital, United States / Department of Craniofacial Orthodontics, Seattle Children's Hospital, United States / Craniofacial Center, Seattle Children's Hospital, United States)
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- 13:20 - 14:20 O-56** **Wednesday 22 October ROOM 1 (1F Main Hall)**  
**[Surgery] Primary Lip Surgery 4**  
Chairs: Tadashi Yamanishi (Osaka Women's and Children's Hospital, Japan)  
Ari Raheem Qader (College of Medicine-University of Sulaimani, Iraq)
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- O-56-1 Single-Stage Surgical Management of Protuberant Premaxilla in Bilateral Cleft Lip and Palate**  
Usama Hamdan (Global Smile Foundation, United States)
- 
- O-56-2 Air way management of Pierre Robin Sequence**  
Ari Raheem Qader (College of medicine-University of Sulaimani, Iraq)
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- O-56-3 The effect of primary septoplasty on nasal cavity volume in patients with cleft lip and palate.**  
Takahiro Nishio (Department of Oral and Maxillofacial Surgery, Osaka Women's and Children's Hospital, Japan)
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- O-56-4 Withdrawn**
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- O-56-5 Withdrawn**
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- O-56-6 Post-operative nasal stents for patients with complete unilateral cleft lip and palate**  
Linda Plovmand Jakobsen (Department of Plastic Surgery and Burns Unit, Rigshospitalet, Denmark)
- 
- O-56-7 A Case Report of Preoperative Correction Using Barbed Sutures as an Alternative to Lip Grafting for Complete Bilateral Cleft Lip with Prominent Protrusion of the Premaxilla**  
Yuzuka Oda (Department of Plastic and Reconstructive Surgery, Tokyo Medical University, Japan)

13:20 - 14:20 **O-57** **Wednesday 22 October ROOM 2 (2F Room A)**  
**[Outcome Studies] 4**  
Chairs: Maria costanza Meazzini (S.Paolo H, Milano and S. Gerardo H, Monza, Italia)  
Haydn Harry Bellardie (University of the Western Cape, South Africa)

**O-57-1** **Management of nasal asymmetry in an adult with cleft lip and palate after rhinoseptoplasty with Nasal Moulding Device: case report**  
Camila Antonia Richards (Fundacion Gantz, Chile)

**O-57-2** **Nonsyndromic cleft lip and/or palate: A multicenter study of the dental anomalies involved.**  
Marcella Barros Bonfim (Faculdade Isaraelita de Ciências da Saúde Albert Einstein, FICSAE, Hospital Albert Einstein, Brazil)

**O-57-3** **A 16-year review of alveolar bone grafting outcomes: a single surgeon and orthodontist**  
Susana Dominguez-Gonzalez (Alder Hey Children's Hospital, United Kingdom)

**O-57-4** **Orthodontic and Dental Anomalies in the Cleft Region: Correlation with Bone Thickness and Occlusal Development**  
Radost Velikova Velikova (Assosiation for Facial Anomalies, Bulgaria)

**O-57-5** **Maxillary Growth after UCLP repair**  
Joana Mafalda Monteiro (North Thames Cleft Service (GOSH/St Andrew's Broomfield), United Kingdom)

**O-57-6** **Mandibular Dymorphology and Clinical Presentation in Treacher Collins Syndrome**  
Cristiano Tonello (Hospital for Rehabilitation of Craniofacial Anomalies- University of São Paulo, Brazil)

**O-57-7** **Prevalence and characterization of dental anomalies in Apert syndrome using cone-beam computed tomography**  
Renato Yassutaka Faria Yaedu (Hospital for Rehabilitation of Craniofacial Anomalies, Brazil / Hospital for Rehabilitation of Craniofacial Anomalies, Brazil / Clinical Hospital, Brazil)

13:20 - 14:20 **O-58** **Wednesday 22 October ROOM 4 (2F Room B-1)**  
**[Oral Health]/[Pediatric Dentistry]**  
Chairs: Hiroshi Kurosaka (The University of Osaka, Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, Japan)  
Kyoko Oka (Section of Pediatric Dentistry, Department of Oral Growth and Development, Fukuoka Dental College, Japan)

**O-58-1** **Breaking Barriers: The Feasibility of Silver Diamine Fluoride in Short-Term Surgical Programs**  
Barbara Beatriz Salazar Lopez (Operation Smile, United States)

**O-58-2** **Higher risk of respiratory infections and otitis media in Cleft lip and/or palate patients: the Japan Environment and Children's Study**  
Hiroshi Kurosaka (Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, The University of Osaka, Japan)

- O-58-3**      **Oral Health Assessment in Cleft Lip & Palate Patients During Orthodontic Treatment for Maxillary Protraction: A Periodontal & Microbiological Study**  
Sana Bint Aziz (Department of Orthodontics & Dentofacial Orthopedics, Manav Rachna Dental College, MRIIRS, India)
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- O-58-4**      **Orthodontic status and oral health-related quality of life among 16 years old patients with CLP**  
Paul K. Saele (Haukeland University Hospital, Norway)
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- O-58-5**      **Facilitators and challenges to the provision of oral health care in children with a cleft lip and/or palate**  
Alexander Gormley (Bristol Dental School, Bristol, United Kingdom)
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- O-58-6**      **Paediatric Dentistry 25 years experience of working in the first designated cleft center in the UK**  
Victoria Jane Clark (Birmingham Children's Hospital, United Kingdom)
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- O-58-7**      **Early Maxillary protraction! Is it worth the effort?**  
Arvind Sivakumar (Bhagwan Mahaveer Jain Hospital, India)
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- 13:20 - 14:20**    **O-59**      **Wednesday 22 October ROOM 5 (2F Room B-2)**  
**[Surgery] Orthognathic Surgery 4**  
Chairs: Satoshi Takada (Ohu University, Japan)  
Federica Corradi (Regional Center for Cleft Lip and Palate, Fondazione Operation Smile Italia ETS, Department of Maxillo Facial Surgery, ASST Santi Paolo e Carlo – San Paolo Hospital, Italy)
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- O-59-1**      **Cranio-metaphyseal dysplasia: orthognathic management of a rare condition**  
Olivia Johnson King (Great Ormond Street Hospital for Children, United Kingdom)
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- O-59-2**      **28 Years Serial Case from A To Z of Cleft Patient in Cleft Center**  
Ken Ayu Miranthy (Women and Children Harapan Kita Hospital, Indonesia)
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- O-59-3**      **Addressing the Conundrum of Missing Premaxilla in Bilateral Cleft Lip Deformity with Zygomatic Implant Rehabilitation**  
Jayanth B Subrahmanya (ABMSS, India)
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- O-59-4**      **Skeletal stability of Le Fort I osteotomy in patients with clefts**  
Vilma Rouhiainen (Cleft Palate and Craniofacial Center, Department of Plastic Surgery, Helsinki University Central Hospital, Finland)
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- O-59-5**      **Withdrawn**
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- O-59-6**      **Quantification of Skeletal Paranasal Asymmetry in Patients with Unilateral Cleft Lip and Palate**  
Daniel Nikitas Richmond (Division of Craniofacial Orthodontics, Hansjörg Wyss Department of Plastic Surgery, NYU Langone Health, United States)
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- O-59-7**      **Custom made osteosynthesis in cleft orthognathic surgery**  
Ignacio Ismael Garcia Recuero (Hospital I.Niño Jesús, Spain)

13:20 - 14:20 **O-60** **Wednesday 22 October ROOM 6 (B1F Room E)**  
**Equity in Cleft Care**  
Chairs: Martin Persson (Kristianstad University, Sweden)  
Ron P Strauss (UNC Craniofacial Center, UNC Adams School of Dentistry, United States)

**O-60-1** **The International Family Study: A united effort to transform cleft research**  
Allyn Auslander (Operation Smile, United States)

**O-60-2** **Measuring the impact of innovative cleft education models: A new global framework for all specialties**  
Allyn Auslander (Operation Smile, United States)

**O-60-3** **Assessing common barriers to timely access to comprehensive cleft surgical care in Africa.**  
Daniel David Otobo (Operation Smile Inc., United States)

**O-60-4** **A 600 Billion Dollar Problem: Complications Following Cleft Lip and Palate Repair on a Global Scale**  
Priyanka Naidu (Department of Plastic and Reconstructive Surgery, USC Keck School of Medicine, United States / Operation Smile Inc., United States)

**O-60-5** **Standardizing Cleft Care Outcomes Measures: The Creation and Validation of a Novel Evaluation Tool**  
Priyanka Naidu (Department of Plastic and Reconstructive Surgery, USC Keck School of Medicine, United States / Operation Smile Inc., United States)

13:20 - 14:20 **O-61** **Wednesday 22 October ROOM 7 (2F Room I)**  
**[Speech and VPF] Speech Assessment**  
Chairs: Yoshiko Takei (Showa Medical University, Japan)  
Lucy McAndrew (Spires Cleft Centre, Oxford University Hospitals NHS Trust, United Kingdom)

**O-61-1** **Withdrawn**

**O-61-2** **Exploring intelligibility in children born with cleft palate**  
Emiie Hagberg (Department of Clinical Science, Intervention and Technology, Division of Speech and Language Pathology, Karolinska Institutet, Sweden / Medical Unit Health Professions, Department of Speech and Language Pathology, Karolinska University Hospital, Sweden / Stockholm Cleft Team, Karolinska University Hospital, Sweden)

**O-61-3** **Preliminary audit of the speech of Vietnamese children with CP+/-L before school entry**  
Anh Van Nguyen (Comprehensive Care Center - National Hospital of Odonto-Stomatology, Vietnam / Operation Smile Vietnam, Vietnam)

**O-61-4** **Development of controlled speech stimuli in Indian languages for cross linguistic comparisons**  
Savitha Vadakkanthara Hariharan (Speech services Lead and Advisor, Smile Train India, India / Adjunct Faculty, Sri Ramachandra Faculty of Audiology and Speech Language Pathology, India)

**O-61-5** **Withdrawn**

**O-61-6 A Study on Vocabulary Comprehension and Gesture Development in Infants with Cleft Palate Aged 8-16 Months**

Heng Yin (West China School of Stomatology, Sichuan University, China)

**O-61-7 Efficacy and follow-up of speech outcomes in patients aged 8 to 12 years with cleft lip and/or palate: twelve-year experience from the Electronic Medical Record in Bulgaria**

Yordanka Dancheva Markova (ALA – Association facial anomalies – Bulgaria, Bulgaria)

14:30 - 15:20 **O-62** **Wednesday 22 October ROOM 4 (2F Room B-1)**  
[ENT] 1

Chair: Emily Gallagher (University of Washington, USA)

**O-62-1 Smartphone-based otoacoustic emissions: a low-cost hearing screening tool with potential use in cleft clinics and low-resource settings**

Emily Rose Gallagher (University of Washington, Department of Pediatrics, United States / Seattle Children's Research Institute, United States / University of Washington, Department of Global Health, United States)

**O-62-2 Early hearing outcomes of children born with an orofacial cleft in England.**

Sophie Butterworth (Cleft Registry and Audit Network, United Kingdom)

**O-62-3 Withdrawn**

**O-62-4 Maxillary Expansion on Hearing Outcomes in Patients with Cleft Lip and Palate - A Systematic Review**

Madhanraj Selvaraj (Jawaharlal Institute of Postgraduate Medical Education and Research, India)

**O-62-5 Effects of rapid maxillary expansion on hearing loss and otitis media in children with cleft lip and palate**

Cristina Incorvati (Regional Center for Cleft Lip and Palate, Fondazione Operation Smile Italia ETS, Department of Maxillo Facial Surgery, ASST Santi Paolo e Carlo – San Paolo Hospital, Italy)

**O-62-6 Long term otologic outcome in cleft lip and palate children with middle ear effusion**

Yuk Kwan Eric Ng (United Christian Hospital, Hong Kong / The Chinese University of Hong Kong, Hong Kong)

14:30 - 15:20 **O-63** **Wednesday 22 October ROOM 5 (2F Room B-2)**  
[Access to Care] 3

Chairs: Marwa Abdelwahab Elkassaby (Oral and Maxillofacial Surgery, Ainshams University, Egypt)  
Valerie J Pereira (the Chinese University of Hong Kong, Hong Kong)

**O-63-1 Withdrawn**

**O-63-2 Strengthening Surgical Systems in Rwanda: Can this be a model for Low- and Middle-Income Countries?**

Alice Umutoni (Operation Smile International, United States)

<b>O-63-3</b>	<b>Accessible 3D Workflow using Smartphone and machine learning for Presurgical plate fabrication in newborns with cleft lip and palate in resource-constrained settings</b> Prasad Nalabothu (Department of Craniomaxillofacial Surgery, University Hospital Basel, Switzerland / Department of Pediatrics Oral Health and Orthodontics, University Center for Dental Medicine UZB, Basel, Mattenstrasse 40, 4058, Switzerland)
<b>O-63-4</b>	<b>Withdrawn</b>
<b>O-63-5</b>	<b>Adaptations required for same day impression and fit nasal obturator clinics for patients with Velopharyngeal Insufficiency</b> Joanna Waldron (South West Cleft Service, United Kingdom)
<b>O-63-6</b>	<b>Milestone Achievement: Over 100 International Craniofacial Chang Gung Webinars Advancing Global Education in Craniofacial Surgery</b> Gloria Chen (Department of Plastic and Reconstructive Surgery and Craniofacial Research Center, Chang Gung Memorial Hospital, Chang Gung University, Taiwan)
<b>14:30 - 15:20</b>	<b>O-64</b> <b>Wednesday 22 October ROOM 6 (B1F Room E)</b> <b>[Surgery] Primary Lip Surgery 5</b> Chairs: David K Chong (Royal Children's Hospital, Australia) Parakrama Wijekoon (Department of Oral & Maxillofacial Surgery, University of Peradeniya, Sri Lanka)
<b>O-64-1</b>	<b>Impact of Postoperative Nasal Stents on Morphologic Outcomes following Primary Cleft Rhinoplasty</b> Skyler K Palmer (University of Colorado, Department of Plastic and Reconstructive Surgery, United States / Children's Hospital of Colorado, Department of Plastic and Reconstructive Surgery, United States)
<b>O-64-2</b>	<b>Adding Sutures to the Upper Lateral Cartilage Enhances the Nasal Appearance in the Primary Unilateral Cheiloplasty</b> Ting-Chen Lu (Craniofacial Center, Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Taiwan)
<b>O-64-3</b>	<b>EVOLUTION OF CLEFT CARE IN SRI LANKA ,A MODEL FOR DEVELOPING COUNTRY</b> Parkrama Wijekoon (Department of Oral &Maxillofacial Surgery, Sri Lanka)
<b>O-64-4</b>	<b>Van der Woude in unilateral cleft lip: phenotypic patterns and surgical adaptations</b> William Breakey (Royal Children's Hospital, Australia)
<b>O-64-5</b>	<b>Withdrawn</b>
<b>O-64-6</b>	<b>Modified Barsky technique in a patient with asymmetric bilateral cleft lip (case report)</b> Jovian Purnomo (Department of Oral and Maxillofacial Surgery, Faculty of Dentistry, University of Indonesia, Indonesia)

14:30 - 15:20 **O-65** Wednesday 22 October ROOM 7 (2F Room I)  
**[Psychology/Neurology] Psychosocial Support 2**  
 Chair: Julie Marie Davies (North West North Wales Isle of Man Cleft Network, United Kingdom)

**O-65-1** **Psychosocial Impact of Counseling for Mothers of Children Undergoing Primary Cleft Lip or Palate Surgery**  
 Nariaki Takamura (Department of Plastic and Reconstructive Surgery, Tohoku University Hospital, Japan)

**O-65-2** **Longitudinal Psychological Well-Being in Caregivers of Young Children with Cleft Lip and/or Palate**  
 Nicola Marie Stock (Centre for Appearance Research, University of the West of England, United Kingdom)

**O-65-3** **Early Coping and Benefit Finding in Caregivers of Children with Cleft Lip and/or Palate**  
 Alexis Johns (Children's Hospital Los Angeles, United States)

**O-65-4** **A Correlational Study on the Association between Social Support, Caregiving Burden, and Psychological Resilience of Mothers of Children with Cleft Lip and Palate with Their Sense of Stigma**  
 Caixia Gong (State Key Laboratory of Oral Diseases and National Clinical Research Center for Oral Diseases and Department of Oral Maxillofacial Surgery, West China Hospital of Stomatology, Sichuan University, China)

**O-65-5** **Withdrawn**

**O-65-6** **Withdrawn**

14:30 - 15:20 **O-66** Wednesday 22 October ROOM 8 (2F Room J)  
**[Prenatal/Neonatal] Feeding 1**  
 Chair: Margaret Lico (NYU Langone Health, United States of America)

**O-66-1** **Preoperative nutrition intervention program increases cleft surgery eligibility in the low- and middle-income setting**  
 Abhishek Sengupta (Operation Smile Inc., United States)

**O-66-2** **To what extent do children with a cleft follow World Health Organization growth standards in the first 2 years of life?**  
 Christy M. Mckinney (Seattle Children's Research Institute, United States / Seattle Children's Hospital, United States / University of Washington, United States)

**O-66-3** **Nutritional status of patients at the moment of primary cleft lip and palate surgery: a retrospective observational study**  
 Cristiano Tonello (Hospital for Rehabilitation of Craniofacial Anomalies- University of São Paulo, Brazil)

**O-66-4** **Impact of Early Feeding Intervention on Growth Outcomes in Children with Orofacial Cleft**  
 Manasi Dinesh Puranik (Smile Train, Cleft Leadership Centre, India)

**O-66-5** **Providers Practices and Feeding Strategies for Infants with Orofacial Clefts**  
 Geisel Collazo (University of Illinois Hospital and Health Sciences. Division of Plastic, Reconstructive & Cosmetic Surgery, United States)

**O-66-6 NICU Providers Knowledge and Confidence in Feeding Infants with Cleft Palate with or without Lip**

Stephanie Delvalle (Florida International University, United States)

15:20 - 16:10 **O-67** **Wednesday 22 October ROOM 4 (2F Room B-1)**

**[ENT] 2**

Chairs: Valerie J Pereira (The Chinese University of Hong Kong, Hong Kong)  
Christopher Discolo (Children's Hospital Colorado, United States)

**O-67-1 A calibrated approach to the management of otological manifestation in a cleft palate ; A review of 30 consecutive cases.**

Vivekanandan Balakumar (CLEFT AND CRANIOFACIAL CENTRE, SRI BALAJI MEDICAL COLLEGE AND HOSPITALS, BIHER, India)

**O-67-2 Management of the Middle Ear in Cleft Patients- A Survey of 36 Cleft Centers across India**

Sara Rahavi-Ezabadi (Otorhinolaryngology Research Center, Otorhinolaryngology Head and Neck Surgery Department, Children's Medical Center, Tehran University of Medical Sciences, Iran, Iran / The Cleft and Craniofacial Centre and The Department of Plastic Surgery, Sree Balaji Medical College and Rela Hospital Campus, Bharath Institute of Higher Education and Research, Chennai, 600044, India., India)

**O-67-3 Withdrawn**

**O-67-4 The impact of early cleft palate reconstruction on middle ear diseases**

Bianca Strenacikova (F.D. Roosevelt Faculty Hospital, Slovakia)

**O-67-5 Withdrawn**

**O-67-6 Identifying Risk Factors for Obstructive Sleep Apnea in Patients with Cleft Palate**

Katherine J. Zhu (Johns Hopkins University School of Medicine, United States)

15:20 - 16:20 **O-68** **Wednesday 22 October ROOM 5 (2F Room B-2)**

**[Access to Care] 4**

Chair: Ronald Peter Strauss (Department of Pediatric Dentistry and Dental Public Health, UNC Adams School of Dentistry, United States)

**O-68-1 Admission for Failure to Thrive After Implementation of a Cleft Nurse Navigator Program: A Reduction in Readmissions and Disparities**

Isabel A Ryan (Children's Hospital of Philadelphia, United States)

**O-68-2 Expanding Cleft Surgical Capacity through Hospital Renovations: A Retrospective Analysis in Vietnam**

Alyssa Caitlin Bautista (Research & Innovation Department, Operation Smile Inc., United States)

**O-68-3 Assessing Cleft Related Disabilities in Individuals with CLP and a History of Incomplete or Suboptimal Cleft Care in a Low Income Setting**

Nicolas E Sierra (Pediatric Oral and Maxillofacial Surgery Unit, Vall d'Hebron University Hospital,, Spain / Comprehensive Cleft Care Center, Mobile Surgery International, Mexico / Division of Cleft Surgery Clínica Tresserra,, Spain)

**O-68-4 International Cleft Missions- a pathway to advanced speech therapy training in Vietnam**

Janella Berris Christie (Monash Children's Hospital, Australia)

**0-68-5**      **The Global Essential Surgery (GES) Project: Improving Surgical Outcomes Through Health System Strengthening in Nicaragua, Madagascar, and Vietnam**  
Jonathan Diaz (Operation Smile, Inc., United States)

**0-68-6**      **What Has a Social Anthropologist Got to Do with It All? Reflections on Facial Humanitarianism in the Local and Global Cleft Care Community**  
Ella Katarina Hillstrom (Stockholm University, Sweden)

**0-68-7**      **Making the Case for Core Comprehensive Cleft Care: Results of a multinational sprint process of cleft professionals**  
Omolola Olubunmi Orenuga (COLLEGE OF MEDICINE UNIVERSITY OF LAGOS, Nigeria / Sri Ramachandra Institute of Higher Education and Research, India)

15:20 - 16:10    **O-69**      **Wednesday 22 October ROOM 6 (B1F Room E)**  
**[Surgery] Primary Palate Surgery 4**  
Chairs: Syed Altaf Hussain (The Cleft & Craniofacial Centre, Sree Balaji Medical College & Rela Hospitals, INDIA/ Chennai )  
Carolina Yao (Operation Smile Inc., United States)

**0-69-1**      **What's In a Name? Part 3: A Scoping Review of Published Cleft Palate Repair Techniques.**  
Priyanka Naidu (Department of Plastic and Reconstructive Surgery, USC Keck School of Medicine, United States / Operation Smile Inc., United States)

**0-69-2**      **A critical relook at the medial edge of the cleft palate for its role in determining the length of the soft palate**  
Syed Altaf Hussain (The Cleft & Craniofacial Centre, India)

**0-69-3**      **TRICKS AND SKILLS IN SURGERY FOR CLEFT PALATE CLOSURE: HOW TO APPLY A PRESERVATION PRINCIPLES**  
Alexander L Ivanov (Central Research Institute of Stomatology and Maxillofacial Surgery, Russia)

**0-69-4**      **Does the type of submucous cleft palate indicate its severity and outcome after primary surgery?**  
Barbara Offert (Department of Maxillofacial Surgery, Clinic of Pediatric Surgery, Institute of Mother and Child, Poland)

**0-69-5**      **Comparative Analysis of Two Palatoplasty Techniques in Patients with Cleft Lip and Palate**  
Kostadin Gigov (Medical University of Plovdiv, Bulgaria)

**0-69-6**      **The significance of cleft palate repair in adult patients**  
Luqman Abdulqadir Majid (Sulaymania Burn and Plastic Surgery Hospital, Iraq)

15:20 - 16:10    **O-70**      **Wednesday 22 October ROOM 7 (2F Room I)**  
**[Psychology/Neurology] Psychosocial Support 3**  
Chairs: Toko Hayakawa (Aichi Gakuin University, Japan)  
Canice Ellen Crerand (Nationwide Children's Hospital, United States)

**0-70-1**      **The Impact of Therapeutic Group Programs on the Self-Esteem in Children with Cleft Lip and Palate**  
Pi Ju Lin (Noordhoff Craniofacial Foundation, Taiwan)

<b>O-70-2</b>	<b>The Role and Impact of Social Workers in Speech Therapy for Children with Cleft Lip and Palate.</b> Chiu Jung Ku (Noordhoff Craniofacial Foundation, Taiwan)
<b>O-70-3</b>	<b>Exploring the Benefits of Participating in a “Little Dentist Camp” for Children with Cleft Lip and Palate</b> Yi-Chun Liu (Noordhoff Craniofacial Foundation, Taiwan)
<b>O-70-4</b>	<b>Bilateral orofacial clefts confer increased risk of psychiatric morbidity relative to unilateral clefts</b> Hakelius Malin (Department of Surgical Sciences, Plastic Surgery, Uppsala University, Sweden)
<b>O-70-5</b>	<b>Psychosocial Adjustment to Craniofacial Microsomia. Insights and Recommendations from the CARE Research Programme</b> Nicola M Stock (Centre for Appearance Research, University of the West of England, United Kingdom)
<b>O-70-6</b>	<b>A longitudinal research in psychology as a tool between clinic and research, to explore and identify prevention and/or psychosocial support needs during the course of care</b> Pascale Gavelle (Hôpital Necker Enfants malades, France)
<b>15:20 - 16:10</b>	<b>O-71</b> <span style="float: right;"><b>Wednesday 22 October ROOM 8 (2F Room J)</b></span> <b>[Prenatal/Neonatal] Feeding 2</b> Chair: Shingo Ueki (Kyushu University, Japan)
<b>O-71-1</b>	<b>Mothers Experiences of Feeding Childrens with Cleft Lip and Palate: A Qualitative Study</b> Violet Priscilla S (Sri Ramachandra Institute of Higher Education and Research, India)
<b>O-71-2</b>	<b>When it’s a mouthful: Anticipatory care in the feeding and pre-speech management of oral cleft conditions through infancy to early toddlerhood</b> Rhona I Galera (Stanford Medicine Children’s Hospital, United States)
<b>O-71-3</b>	<b>Knowledge and Adherence to Feeding Strategies for Infants with Cleft Lip and Palate: Caregivers’ Perspective</b> Renata Paciello Yamashita (Hospital for Rehabilitation of Craniofacial Anomalies, University of São Paulo, Brazil)
<b>O-71-4</b>	<b>Withdrawn</b>
<b>O-71-5</b>	<b>Back to the Bottle: Comparison of Surgical Outcomes after Changes to Post-Operative Feeding Protocols</b> Margaret Maureen Lico (NYU Langone Health, United States)
<b>O-71-6</b>	<b>Reviewing the Utilization of a Lactation Counselor on an Interdisciplinary Cleft and Craniofacial Team: Prenatal Through Lip Repair and Beyond</b> Margaret Maureen Lico (NYU Langone Health, United States)

10:30 - 11:20 O-72 Thursday 23 October ROOM 3 (1F Room D)  
**[Speech and VPF] Speech Therapy 1**  
 Chairs: Stephanie van Eeden (Newcastle University, United Kingdom)  
 Debbie Sell (previously Great Ormond Street Hospital, London, UK)

O-72-1 **Treating non-oral compensatory misarticulations in children with a cleft palate: a randomized controlled trial on the effect of combined phonetic-phonological intervention**  
 Cassandra Alighieri (Ghent University, Belgium)

O-72-2 **Motor Learning-Based Therapy for Cleft Palate Speech: Articulatory Kinematic Intervention and BArT as Effective Solutions**  
 Elanthendral Chandrasekar (SRM Medical College Hospital and Research Centre, India)

O-72-3 **The use of ultrasound tongue imaging as a method of biofeedback intervention in a UK cleft centre**  
 Holly Peryer (Birmingham Women's & Children's Hospital, United Kingdom)

O-72-4 **The Effects of Parent Training in Enhanced Milieu Teaching with Phonological Emphasis on the Speech and Language Outcomes of Children with 22q11.2 Deletion Syndrome: Pilot Study**  
 Natalie Rose Wombacher (University of Illinois Chicago, United States)

O-72-5 **Withdrawn**

O-72-6 **Nonlinear Phonological Intervention for Cleft Palate Speech: Insights into Analyses and Goal Selection based on a Cantonese-speaking Case**  
 Ho Yin Ho (The Chinese University of Hong Kong, Hong Kong)

10:30 - 11:20 O-73 Thursday 23 October ROOM 4 (2F Room B-1)  
**[Craniofacial] Robin Sequence 3**  
 Chair: Kristina Klintö (Lund University/Skåne University Hospital, Sweden)

O-73-1 **Withdrawn**

O-73-2 **Complete protocol for the implementation and manufacturing of the Tuebingen Palatal Plate for infants with Robin sequence**  
 Maite Aretxabaleta (University Hospital Tuebingen, Germany / Center for Cleft Lip, Palate and Craniofacial Malformations; University Hospital Tuebingen, Germany)

O-73-3 **Risk factors for postoperative feeding difficulties in infants with Robin sequence**  
 Liangliang Kong (Children's Hospital of Nanjing Medical University, China)

O-73-4 **Speech outcomes in children born with cleft palate with and without Robin sequence**  
 Kristina Klintö (Lund University, Sweden / Skåne University Hospital, Sweden)

O-73-5 **Unsupervised Machine Learning Identifies Distinct Clinical Subgroups in Patients with Pierre Robin Sequence**  
 Janina Kueper (University of Pittsburgh, United States)

O-73-6 **MicroNAPS Classification of Infants with Robin Sequence Predicts Outcomes**  
 Cory M Resnick (Boston Children's Hospital, United States)

10:30 - 11:20 **O-74** **Thursday 23 October ROOM 5 (2F Room B-2)**  
**[Surgery] Primary Palate Surgery 5**  
Chair: Prabir Jash (Professor & Head, Plastic & Reconstructive Surgery, Medical College Kolkata, India)

**O-74-1** **What's In a Name? Part 2: A Scoping Review of Published Bilateral Cleft Lip Repair Techniques.**

Priyanka Naidu (Department of Plastic and Reconstructive Surgery, USC Keck School of Medicine, United States / Operation Smile Inc., United States)

**O-74-2** **The role of the soft palate adhesion method during primary cheilorhinoplasty**

Tatsuya Ishigaki (Chiba Children's Hospital, Japan)

**O-74-3** **Combined lip and palate repair by medial incisions after automated preoperative plate therapy**

Andreas Albert Mueller (Oral and Craniomaxillofacial Surgery, University and University Hospital Basel, Switzerland / Pediatric Oral and Craniomaxillofacial Surgery, University Children's Hospital Basel, Switzerland / Facial and Cranial Anomaly Research Group, University of Basel, Switzerland / Department of Biomedical Engineering, University of Basel, Switzerland / Department of Clinical Research, University of Basel, Switzerland)

**O-74-4** **Withdrawn**

**O-74-5** **Efficacy of buccal fat flap in cleft palate repair**

Luqman Abdulqadir Majid (Sulaymania Burn and Plastic Surgery Hospital, Iraq)

**O-74-6** **Epidemiology and Treatment of Adults with Cleft Palate at Two Nigerian Centres**

Ifeanyichukwu Igwilo Onah (The Good Shepherd Specialists Hospital, Nigeria)

10:30 - 11:20 **O-75** **Thursday 23 October ROOM 6 (B1F Room E)**  
**[Surgery] Lip and Nose Revision 3**  
Chairs: Shunsuke Yuzuriha (Department of Plastic and Reconstructive Surgery, Shinshu University School of Medicine, Japan)  
Duncan Atherton (Evelina London Cleft Service, UK/ London)

**O-75-1** **Surgery to simultaneously improve nasal appearance and nasal airway in patients with cleft lip and palate**

Masayuki Miyata (Department of Plastic and Reconstructive Surgery, Graduate School of Medical and Dental Sciences, Niigata University, Japan)

**O-75-2** **Withdrawn**

**O-75-3** **Anatomically safe boundaries for harvest of the perpendicular plate of ethmoid bone in cleft rhinoplasty**

Duncan Atherton (Evelina London Cleft Service, United Kingdom)

**O-75-4** **Steps and Slots; Piezotome assisted placement of composite ethmoid/cartilage grafts in cleft rhinoplasty**

Duncan Atherton (Evelina London Cleft Service, United Kingdom)

- O-75-5**      **Facial Harmony Evaluation Following Secondary Cleft Rhinoplasty Using Autologous Cartilage Grafts: A Report from a Tertiary Hospital in Indonesia**  
Illona Andromeda (Universitas Indonesia, Indonesia)
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- O-75-6**      **Protocol for nose Revision in patients with cleft lip and palate at the Hospital for Children in Toluca, Mexico.**  
Erick Reyes Castaneda (hospital para el niño Toluca, Mexico)
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- 10:30 - 11:20    **O-76**      **Thursday 23 October ROOM 7 (2F Room I)**  
**[Craniofacial] Hemifacial Microsomia**  
Chairs: Lan Ngoc Nguyen (Hanoi Children' hospital, Vietnam)  
Katelyn Kotlarek (University of Wyoming, United States)
- 
- O-76-1**      **What is the relationship between velopharyngeal asymmetry and velopharyngeal insufficiency in children with craniofacial microsomia?**  
Katelyn J Kotlarek (University of Wyoming, United States)
- 
- O-76-2**      **Comparison of Facial Asymmetry Outcomes of Orthognathic Surgery Between Mild and Severe Hemifacial Microsomia**  
Tso-Yang Yeh (Department of Craniofacial Orthodontics, Chang Gung Memorial Hospital, Taiwan / Graduate Institute of Dental and Craniofacial Science, Chang Gung University, Taiwan)
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- O-76-3**      **No-Knife Fat Grafting Method for Facial Contour Asymmetry in Hemifacial Microsomia: A Quantitative Analysis**  
Lan Thi Ngoc Nguyen (Department of Maxillofacial Surgery, Vietnam National Children's Hospital, Vietnam)
- 
- O-76-4**      **No-Knife Autologous Fat Grafting Method for Parry-Romberg Treatment in Limited-Resource Settings: An International Collaboration**  
Lan Thi Ngoc Nguyen (Department of Maxillofacial Surgery, Vietnam National Children's Hospital, Vietnam)
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- O-76-5**      **3D-Printed Surgical Positioning Rib Graft Jig in Orthodontic Surgical Management of Pruzansky/Kaban Type IIB and Type III Hemifacial Microsomia**  
Omri Emodi (Department of Oral and Maxillofacial Surgery, Rambam Health Care Campus, Israel / Ruth & Bruce Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Israel)
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- O-76-6**      **Jaw in a Day for Patient with Goldenhar Syndrome**  
Ariel Johnson (University of Colorado Department of Plastic and Reconstructive Surgery, United States / Children's Hospital Colorado, United States)

10:30 - 11:20 **O-77** Thursday 23 October ROOM 8 (2F Room J)  
**[Orthodontic] Pre-surgical Orthopedics 4**  
 Chairs: Yu-Jen Michael Chang (Kaohsiung Chang Gung Memorial Hospital, Taiwan)  
 Hiroshi Kurosaka (The University of Osaka, Department of Orthodontics and Dentofacial  
 Orthopedics, Graduate School of Dentistry, Japan)

**O-77-1** **Comparing Two Presurgical Orthopedic Methods for Unilateral Clefts: PLANA vs Nasal Elevator.**  
 Daniela Yukie Sakai Tanikawa (Hospital Municipal Infantil Menino Jesus, Brazil / Sabará Hospital Infantil, Brazil / Smile Train's Latin America Medical Advisory Council, Brazil)

**O-77-2** **Nasal props: an effective device to reduce the burden of care in preoperative nasal molding in complete cleft lip patients**  
 Philip Kuo-Ting Chen (Craniofacial Center, Taipei Medical University Hospital, Taiwan)

**O-77-3** **The evolution of nasal reconstructions in unilateral cleft lips -personal experience in 38 years**  
 Philip Kuo-Ting Chen (Craniofacial Center, Taipei Medical University Hospital, Taiwan)

**O-77-4** **Comparative Analysis of Arch and Facial Dimensional Changes Using a Modified Grayson Appliance and a Dual Layered 3D Printed Appliance for Nasoalveolar Molding A Single Center Randomized Controlled Trial**  
 Sayali Shrinivas Athawale (Department of Orthodontics School of Dental Sciences, Manav Rachna Dental College Manav Rachna International Institute of Research and Studies, India, India)

**O-77-5** **Modified Hot'z Plate: easy application and simple design to promote better result in cleft lip repair**  
 Nur Aini Kadarwiyanto (RSAB Harapan Kita, Indonesia)

**O-77-6** **Effect of Nasoalveolar Molding on Dentoskeletal Growth in Individuals with Bilateral Cleft Lip and Palate during the Mixed Dentition Stage**  
 Jaemin Ko (Children's Hospital Los Angeles, United States)

11:20 - 12:20 **O-78** Thursday 23 October ROOM 3 (1F Room D)  
**[Speech and VPF] Speech Therapy 2**  
 Chairs: Christina Persson (Department of Health and Rehabilitation, Institute of neuroscience and physiology, Sahlgrenska academy, University of Gothenburg, Sweden)  
 Catherine (Cate) Jane Crowley (Teachers College Columbia University, United States)

**O-78-1** **SpeachatHome in the UK/Ireland-Implementation of Research into Clinical Practice: Challenges and Solutions**  
 Debbie Sell (Speech@Home, United Kingdom)

**O-78-2** **Exploring sleep behaviour and language outcomes in children with cleft lip and palate using data from a national cohort study**  
 Stephanie Van Eeden (Newcastle University, United Kingdom)

**O-78-3**      **Building capacity in cleft palate speech therapy by developing and sharing free materials in over 50 languages: The impact and global use of the Leaders Project YouTube channel and website**  
Catherine Jane Crowley (Teachers College, Columbia University, United States)

**O-78-4**      **Results of a national initiative of Mexican cleft professionals to increase capacity in cleft speech therapy: Collaborations of surgeons, Speech-language therapists, cleft center directors, university faculty, and Smile Train Mexico**  
Catherine Jane Crowley (Teachers College, Columbia University, United States / Smile Train, Mexico, Mexico)

**O-78-5**      **: Parent Empowerment Program for Early Language Stimulation in Children with Cleft Lip and Palate: An Indian Context**  
Swetha Sridhar (The Cleft & Craniofacial centre Sree Balaji Medical college & Rela Hospital, Bharat Institute of Higher Education and Research, India)

**O-78-6**      **Withdrawn**

**O-78-7**      **Communication attitudes of children born with cleft palate**  
Kim Bettens (Center for Speech and Language Sciences, Ghent University, Belgium)

11:20 - 12:20    **O-79**      **Thursday 23 October ROOM 4 (2F Room B-1)**  
**[Surgery] Fistula Closure 2**  
Chairs: Kazuyuki Tokioka (Saitama Medical University, Japan / Saitama)  
Percy Rossell-Perry (Smile Train Foundation USA, Perú)

**O-79-1**      **Withdrawn**

**O-79-2**      **Withdrawn**

**O-79-3**      **Utility of various techniques for the management of palatal fistula**  
Tarun Chaudhary (Department of Plastic and Reconstructive Surgery, Amandeep Hospital, India)

**O-79-4**      **Utility of tongue flap in management of palatal fistula**  
Tarun Chaudhary (Department of Plastic and Reconstructive surgery Amandeep Hospital, India)

**O-79-5**      **FAMM versus Buccinator flap for secondary cleft palate repair**  
Percy Rossell-Perry (smile train foundation, Peru)

**O-79-6**      **Island Palate flap for difficult Fistula closure**  
Asif Masood (Savitri Hospital and Research center, India)

**O-79-7**      **Withdrawn**

11:20 - 12:20    **O-80**      **Thursday 23 October ROOM 5 (2F Room B-2)**  
**[Surgery] Primary Palate Surgery 6**  
Chair: Hideaki Kamochi (Department of Maxillofacial Surgery, Institute of Science Tokyo, Japan)

**O-80-1**      **Anatomical cleft restoration philosophy(ACRP) in primary palatoplasty. An early study of 303 patients in a Smile Train centre in India**  
Faizal Ahmed Syed (CAMRI Hospital, India / G.D hospital, India)

<b>O-80-2</b>	<b>Withdrawn</b>
<b>O-80-3</b>	<b>Fat Chance: Buccal Fat Flaps Reduce Fistula Rates in Primary Furlow Palatoplasty</b> Kylie R Swiekatowski (Division of Plastic and Reconstructive Surgery, Department of Surgery, The University of Texas Health Science Center at McGovern Medical School, United States)
<b>O-80-4</b>	<b>Anatomical Landmarks as a Way to Achieve Better Aesthetic Parameters in Cleft Palate Repair</b> Alexander L Ivanov (Central Research Institute of Stomatology and Maxillofacial Surgery, Russia)
<b>O-80-5</b>	<b>The use of Tranexamic acid in infant palatoplasty in reducing blood loss and fistula formation (Initial results)</b> Ifeanyichukwu Igwilo Onah (National Orthopaedic Hospital, Nigeria / The Good Shepherd Specialists Hospital Uwani, Nigeria)
<b>O-80-6</b>	<b>Learning curves, fistula rates, and does the buccal fat pad flap reduce fistula incidence: a 12 year series</b> Duncan Atherton (Evelina London Cleft Service, United Kingdom / Kings College London, United Kingdom)
<b>O-80-7</b>	<b>Impact of Surgical Incision on Palatal Tissue Microcirculation in Cleft Palate Repair: A Prospective Observational Study</b> Benito K Benitez (Oral and Craniomaxillofacial Surgery and Pediatric Oral and Craniomaxillofacial Surgery, University Hospital Basel and University Childrens Hospital Basel, Switzerland)
<b>11:20 - 12:20</b>	<b>O-81 Thursday 23 October ROOM 6 (B1F Room E)</b> <b>[Surgery] Lip and Nose Revision 4</b> Chairs: Alenka Paddle (The Royal Children's Hospital, Melbourne, Australia) Takeshi Uchiyama (Professor emeritus of Tokyo Dental College, Japan)
<b>O-81-1</b>	<b>Aesthetics Assessment and Patient Reported Outcome Following Revision of Secondary Cleft Lip Deformities</b> Yuk Kwan Eric Ng (United Christian Hospital, Hong Kong)
<b>O-81-2</b>	<b>Bilateral Cleft Nasal Deformity Correction Using Preservation Rhinoplasty and Septal Extension Grafts</b> Akimitsu Sato (Tohoku university, Japan)
<b>O-81-3</b>	<b>Rhinoplasty in cleft patients, depending on the preoperative severity</b> Petra Grozdanova Kavradzhieva (Department of propedeutics of Surgical Diseases, Section of Plastic, Reconstructive and Aesthetic Surgery and Thermal Trauma, Faculty of Medicine, Medical University of Plovdiv, "St George" University Hospital, Bulgaria)
<b>O-81-4</b>	<b>Surgical correction of secondary bilateral cleft lip and nasal deformities using the Delaire-Precious technique</b> Takeshi Uchiyama (Department of Oral and Maxillofacial Surgery, Tokyo Dental College, Japan / Oral and Maxillofacial Surgery, Jusendo General Hospital, Japan / Nonprofit Organization Tokyo Smile Foundation Charitable Activity in Asia, Japan)

- O-81-5**      **A review of piriform augmentation techniques in unilateral cleft lip and palate patients and their application in cleft rhinoplasty**  
Alenka Paddle (The Royal Children's Hospital, Australia)
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- O-81-6**      **Morphometric analysis of piriform asymmetry in unilateral cleft lip and palate patients**  
Alenka Paddle (The Royal Melbourne Hospital, Australia)
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- O-81-7**      **Ozonephoresis in the Treatment of Cleft Lip and Palate**  
Cristobal Jeronimo Ortega-Arenas (Hospital General Dr. Manuel Gea González, Mexico)
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- 11:20 - 12:20**      **O-82**      **Thursday 23 October ROOM 8 (2F Room J)**  
**[Orthodontic] Pre-surgical Orthopedics 5**  
Chairs: Pradip Shetye (NYU Langone Health, United States)  
Norihisa Higashihori (Department of Maxillofacial Orthognathics, Institute of Science Tokyo, Japan)
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- O-82-1**      **Use of Artificial Intelligence Multimodal Large Language Models for caregivers of patients with Cleft Lip and Palate undergoing PNAM therapy: A Cross Sectional Analytical Study**  
Madhanraj Selvaraj (Jawaharlal Institute of Postgraduate Medical Education and Research, India)
- 
- O-82-2**      **Evaluation of pre-alveolar bone graft (ABG) orthodontic practice in the Southeast of England (United Kingdom)**  
Krupali Mukeshkumar (Guy's and St Thomas' NHS Foundation Trust, United Kingdom)
- 
- O-82-3**      **Effects of passive pre-surgical plate therapy on palatal morphology in patients with unilateral cleft lip and palate - a three-dimensional study**  
Jakub Teodorczuk (Department of Maxillofacial Surgery, Clinic of Pediatric Surgery, Institute of Mother and Child, Poland)
- 
- O-82-4**      **EFFICACY OF NOVEL FEEDER SYSTEM IN ALVEOLAR MOLDING IN UNILATERAL CLEFT LIP AND PALATE INFANTS - A PILOT STUDY**  
Surya Kanta Das (PROF & HEAD, ORTHODONTIC DEPARTMENT, SCB DENTAL COLLEGE, India)
- 
- O-82-5**      **Effectiveness of presurgical nasoalveolar molding in complete unilateral cleft lip and palate at different ages: a longitudinal study**  
Thao Thi Nhu Dinh (Odoto-maxillofacial surgery department, Children's hospital 1, Vietnam)
- 
- O-82-6**      **Surgical Timing Eligibility through Feeding Interventions in Cleft Lip and Palate Patients at RSAB Harapan Kita**  
Nathanael Ferrel Nuralim (Faculty of Dentistry, Brawijaya University, Indonesia)
- 
- O-82-7**      **An Comparative Analysis of Presurgical Lip, Alveolus and Nose Approximation (PLANA) and Nasoalveolar Molding (NAM)**  
Pradip R Shetye (Wyss Department of Plastic Surgery, NYU Langone Health, United States)

13:30 - 14:20 **O-83** Thursday 23 October ROOM 3 (1F Room D)  
[Speech and VPF] VPF Assessment  
Chairs: Adriane L. Baylis (Nationwide Children's Hospital, USA)  
Valerie J Pereira (The Chinese University of Hong Kong, Hong Kong SAR)

**O-83-1** **Dutch workflow for diagnosis and treatment of velopharyngeal insufficiency in patients with cleft palate: a survey study**  
Jess Johanna Peters (Department of Plastic, Reconstructive and Hand surgery, Amsterdam UMC location University of Amsterdam, Netherlands / Amsterdam Reproduction and Development research institute, Netherlands)

**O-83-2** **Management of Pharyngeal Flap in Cleft Orthognathic Surgery: Speech Outcomes and Skeletal Stabilityjkn**  
Yu-Jen Chen (Chang Gung Memorial Hospital, Taiwan)

**O-83-3** **A comprehensive treatment algorithm for nasoendoscopic evaluation and management of Velopharyngeal dysfunction following cleft palate repair**  
Swetha Sridhar (The Cleft & Craniofacial Centre Sree Balaji Medical College & Rela Hospital Bharat Institute of Higher Education and Research, India)

**O-83-4** **Development of a Nasoendoscopy Reporting Format to document the findings of Velopharyngeal port functioning during speech in individuals with cleft lip and palate**  
Sanjaykhanna V K (Faculty of Speech Language Pathology and Audiology, The Cleft and Craniofacial Centre, Sree Balaji Medical College & Hospital, BIHER, India)

**O-83-5** **Informing Effective Surgical Management of Velopharyngeal Insufficiency (VPI) via Complementary Imaging Techniques**  
Sara Kinter (Seattle Children's Hospital & Research Institute, United States / University of Washington, United States)

**O-83-6** **Effect of Le Fort I osteotomy on velopharyngeal function in patients with cleft lip and palate: Analysis of maxillary movement using multidetector computed tomography**  
Nobukazu Tanaka (Department of Rehabilitation for Orofacial Disorder, The University of Osaka Dental Hospital, Japan)

13:30 - 14:20 **O-84** Thursday 23 October ROOM 6 (B1F Room E)  
[Prosthodontics]  
Chairs: Yuka I Sumita (The Nippon Dental University, Japan)  
Ambika Chadha (Birmingham Children's Hospital, United Kingdom)

**O-84-1** **Evaluation of optical impressions for infants with cleft lip and palate: An in vitro and in vivo study comparing digital and conventional methods.**  
Takayuki Hara (Department of Oral and Maxillofacial Surgery, Osaka Women's and Children's Hospital., Japan)

**O-84-2** **Advancing holistic care in patients with cleft, lip and palate: A 10-year analysis of comprehensive care pathways and restorative dental rehabilitation outcomes (2015-2025)**  
Farima Yasmin Mehrabi (Birmingham Community Healthcare NHS Foundation Trust, United Kingdom / West Midlands Cleft service, United Kingdom)

**O-84-3** **Restorative Dental Care for Adults with Cleft Lip and Palate: A 5-Year Service Evaluation**  
Ambika Chadha (Birmingham Children's Hospital, United Kingdom)

<b>O-84-4</b>	<b>Withdrawn</b>	
<b>O-84-5</b>	<b>The specialist restorative dental needs in individuals with a cleft lip and/or palate: A longitudinal study</b> Khalid Malik (Birmingham Community Healthcare NHS Foundation Trust, United Kingdom)	
<b>O-84-6</b>	<b>A case study utilizing digital technology to fabricate a removable prosthesis as a transitional prosthesis for a patient with unilateral cleft lip and palate, who previously used a fixed prosthesis</b> Yuka I Sumita (Department of Partial and Complete Denture, School of Life Dentistry at Tokyo, The Nippon Dental University, Japan)	
<b>13:30 - 14:20</b>	<b>O-85</b> <b>[Surgery] Orthognathic Surgery 5</b> Chairs: David Grimes (Evelina London Cleft Service, United Kingdom) Ming CM Cai (Shanghai Ninth people's hospital, Shanghai Jiaotong University, China)	<b>Thursday 23 October ROOM 7 (2F Room I)</b>
<b>O-85-1</b>	<b>Frequency of velopharyngeal dysfunction post maxillary osteotomy at Evelina London Cleft Service</b> David Grimes (Evelina London Cleft Service, United Kingdom)	
<b>O-85-2</b>	<b>Impact of Upper Airway Volume Change after Orthognathic Surgery on Speech and Sleep Breathing Function in Patient with Cleft Lip and Palate</b> Ming Cai (Shanghai Ninth People's Hospital, China)	
<b>O-85-3</b>	<b>Effect of maxillary distraction osteogenesis and Le Fort I advancement orthognathic surgery on soft-tissue thickness and anterior soft-tissue to hard-tissue movement ratios among patients with unilateral cleft lip and palate</b> Anjana Rajagopalan (All India Institute of Medical Sciences, India)	
<b>O-85-4</b>	<b>Evaluation of predictive risk factors for velopharyngeal dysfunction in patients with cleft lip and palate undergoing orthognathic surgery</b> Renato Yassutaka Faria Yaedu (The Hospital for Rehabilitation of Craniofacial Anomalies, Brazil / Clinical Hospital, Brazil / Bauru Dental School, Brazil)	
<b>O-85-5</b>	<b>Study of VPI after maxillary advancement due to osteogenic distraction in patients with cleft lip and palate</b> Maria Loreto Castellon (Hospital Luis calvo Mackenna, Chile)	
<b>O-85-6</b>	<b>Repositioning the Maxilla, Reclaiming the Airway: Insights from 3D Imaging in Cleft Patients</b> Dilshad Umar (Yenepoya University, India)	

13:30 - 14:20 **O-86** Thursday 23 October ROOM 8 (2F Room J)  
**[Surgery] Primary Palate Surgery 7**  
Chairs: Altaf Syed Hussain (The Cleft & Craniofacial Centre, Sree Balaji Medical College & Rela Hospitals, INDIA/ Chennai)  
Rika Narita (Department of Oral and Maxillofacial Surgery and Orthodontics, University of Tokyo Hospital, Japan)

**O-86-1** **Single-Layer Cranial-Based Vomer Flap for Hard Palate Repair in Complete Unilateral and Bilateral Clefts: Histological and Clinical Benefits**  
Federica Maggiulli (Lapeyronie Hospital-CHU Montpellier, France)

**O-86-2** **Longitudinal Experience with Microscope-Assisted Radical Intravelar Veloplasty with Buccal Fat Pad Flaps: Decreased Rates of Oronasal Fistulas and Velopharyngeal Insufficiency**  
Diego Alan Gomez (Children's Hospital of Colorado, United States / Division of Plastic and Reconstructive Surgery, United States)

**O-86-3** **3-D Analysis on Digital Models for Maxillary Growth Evaluation Following Modified Two Flap Palatoplasty in Unilateral Cleft Lip and Palate**  
Ken Ayu Miranthy (Woman and Children Harapan Kita Hospital, Indonesia)

**O-86-4** **Preliminary Study on the Effect of Mucosa-Mucoperiosteal Flap Push-back Techniques (MMPB) on Maxillary Growth Restriction**  
Mayu Takaichi (Department of Oral and Maxillofacial Surgery, Faculty of Medicine, Academic Assembly, University of Toyama, Japan)

**O-86-5** **Effects of Velar Adhesion on Cleft Width in Unilateral vs. Bilateral Cleft Lip and Palate**  
Miki Kashiwagi (Department of Oral and Maxillofacial Surgery and Orthodontics, University of Tokyo Hospital, Japan / First Department of Oral and Maxillofacial Surgery, Osaka University Graduate School of Dentistry, Japan)

**O-86-6** **Withdrawn**

15:00 - 15:50 **O-87** Thursday 23 October ROOM 4 (2F Room B-1)  
**[Surgery] Primary Lip Surgery 6**  
Chairs: Phuong D Nguyen (Children's Hospital Colorado, USA)  
Daniela Y S Tanikawa (Menino Jesus Municipal Hospital, Sabará Children's Hospital, Brazil)

**O-87-1** **Refining Bilateral Cleft Nasal Repair: Lessons from a 10-Year Experience in Primary Columella Lengthening.**  
Daniela Y. S. Tanikawa (Menino Jesus Municipal Hospital, Brazil / Sabará Children's Hospital, Brazil / Smile Train's Latin America Medical Advisory Council, Brazil)

**O-87-2** **The long-term change of nasal width in patient with unilateral cleft lip after primary overcorrected rhinoplasty**  
Chi-Wei Huang (Craniofacial Center, Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Taiwan)

**O-87-3** **Cleft Care: Trends of Naso-alveolar Molding, Primary Septo-rhinoplasty, and Revision Surgery-Review of an International Database**  
Anna D Lee (University of Colorado, Department of Plastic and Reconstructive Surgery, United States / Children's Hospital Colorado, United States)

O-87-4 Withdrawn

O-87-5 **Unilateral cleft lip repair using the anatomical subunits technique - Oman experience**  
Mohamed Saud Al Harthi (KHoula Hospital, Oman)

O-87-6 **Assessment of the primary bilateral lip repair by modified Mulliken technique in the Jusendo General Hospital.**  
Katsuya Kanno (Oral and Maxillofacial Surgery, Jusendo General Hospital, Japan)

15:00 - 15:50 O-88 Thursday 23 October ROOM 5 (2F Room B-2)  
[Surgery] Speech / Velopharyngeal Surgery 5  
Chair: Ahmed Elsherbiny (King Abdullah Specialized Children's Hospital, Riyadh, Saudi Arabia)

O-88-1 **Objective assessment of palatal pliability, an important factor for palatal function and speech outcome after re-repair (Re:IVVP) and buccinator re-repair (Bs+Re:IVVP) VPI procedures.**  
Ahmed Elsherbiny (Division of Plastic Surgery, King Abdullah Specialized Children's Hospital, King Abdelaziz Medical City, Saudi Arabia)

O-88-2 **3D evaluation of the maxillary sinus in patients with isolated cleft palate using CBCT**  
Yi Xu (Department of plastic and traumatic surgery, Beijing Stomatological Hospital, Capital Medical University, China)

O-88-3 **Management Strategy for Airway Obstruction following Posterior Pharyngeal Flap**  
Jingtao Li (West China Hospital of Stomatology, China)

O-88-4 **Functional Restoration of Tissue-Deficient Secondary Cleft Palates with Severe Velopharyngeal Insufficiency Using ACRP Principles**  
Dipesh Rao (Bhagwan Mahaveer Jain Hospital, India)

O-88-5 **Autologous fat injection using adipose-derived stem cells for treatment of velopharyngeal insufficiency**  
Koichi Hayashi (Department of Oral and Maxillofacial Surgery, Graduate School of Dentistry, The University of Osaka, Japan)

O-88-6 Withdrawn

15:00 - 15:50 O-89 Thursday 23 October ROOM 6 (B1F Room E)  
[Outcome Studies] 5  
Chairs: Oksana Jackson (Children's Hospital Philadelphia, United States)  
Peter Donkor (Kwame Nkrumah University of Science and Technology, Ghana)

O-89-1 **A 15-year review of delayed detection of cleft palate: an appeal for practitioners to exclude an overt cleft palate when examining for ankyloglossia in infants presenting with feeding difficulties.**  
Lucy Lester (The Spires Cleft Centre, United Kingdom)

O-89-2 **Impact of WHO's surgical safety checklist based program on cleft lip and palate repair outcomes in LMICs The Clean Cleft Program**  
Getaw Alamnie Gebeyehu (Department of Surgery, College of Health Sciences, Addis Ababa University, Ethiopia, Ethiopia)

<b>O-89-3</b>	<b>Withdrawn</b>
<b>O-89-4</b>	<b>Management of unilateral cleft lip, alveolus and palate patients in Riga Cleft Lip and Palate Centre</b> Ieva Bagante (Riga Stradins University, Institute of Stomatology, Latvia / Riga Stradins University, Department of Oral and Maxillofacial Surgery and Oral Medicine, Latvia / Pauls Stradins Clinical University Hospital, Latvia)
<b>O-89-5</b>	<b>Surgical Outcome After Modified Two Flap Push-Back Palatoplasty</b> Mutiar Azzahra (Faculty of Dentistry, Brawijaya University, Indonesia)
<b>O-89-6</b>	<b>12yr outcomes of single stage unilateral cleft lip and palate(UCLP) repair (total correction) in 65 cases</b> Mukundareddy Damalchervu (Consultant plastic surgeon, project director, India)
<b>15:00 - 15:50</b>	<b>O-90</b> <b>Thursday 23 October ROOM 7 (2F Room 1)</b> <b>[Genetics] Epidemiology/Etiology 2</b> Chairs: Miroslav Tolar (Dugoni School of Dentistry, University of the Pacific, United States) Toshihiro Inubushi (Department of Orthodontics and Dentofacial Orthopedics, University of Osaka Graduate School of Dentistry, Japan)
<b>O-90-1</b>	<b>Differential Expression of FGFR2 and TBX22 Genes in Hereditary and Sporadic Cleft Palate and Lip: A Comparative Study</b> Samia Mohamed Ahmed Saied (Prof. of Plastic, Craniofacial & Reconstructive Surgery, Egypt, Arab Rep. / Plastic Surgery Unite, Albert -Ludwig University, Germany / Plastic, Maxillofacial & burn Department, Ain shams University, Egypt, Arab Rep. / Genetic lab, Craniofacial Unite, Plastic Surgery, Faculty Of Medicine, Sohag University, Egypt, Arab Rep.)
<b>O-90-2</b>	<b>Micronutrient Deficiency as a Key Modifiable Risk Factor for Orofacial Clefting</b> Daniel J Browne (The College of Medicine and Dentistry, Australia)
<b>O-90-3</b>	<b>Withdrawn</b>
<b>O-90-4</b>	<b>Prevention of non-syndromic orofacial clefts by folic acid - cellular mechanisms</b> Miroslav Tolar (Department of Biomedical Sciences and Department of Orthodontics, University of the Pacific, Arthur A. Dugoni School of Dentistry, United States)
<b>O-90-5</b>	<b>The New Zealand case-control study of environmental and genetic risk factors for orofacial cleft</b> John M D Thompson (Department of Obstetrics, Gynaecology and Reproductive Sciences, Faculty of Medical and Health Sciences University of Auckland, New Zealand / Department of Paediatrics: Child and Youth Health, Faculty of Medical and Health Sciences, University of Auckland, New Zealand)
<b>O-90-6</b>	<b>RISK FACTORS OF NON-SYNDROMIC OROFACIAL CLEFT</b> Muhammad Daniel Caramy (Faculty of Dentistry, Brawijaya University, Indonesia)

15:00 - 15:50 **O-91** Thursday 23 October ROOM 8 (2F Room J)  
**[Surgery] Alveolar Bone Grafting 4**  
 Chairs: Kumiko Fujiwara (Osaka Medical and Pharmaceutical University, Japan)  
 Luca Autelitano (Regional Cleft Center Milan-Operation Smile Milano, Italy)

**O-91-1** **Development of autologous bone augmentation material for alveolar bone graft**  
 Ko Nakanishi (Department of Biomaterials and Bioengineering, Faculty of Dental Medicine, Hokkaido University, Japan)

**O-91-2** **Secondary bone grafting for alveolar clefts: short-term and long-term time outcomes.**  
 Veronika Pavlovich (Central Research Institute of Dentistry and Maxillofacial Surgery, Russia)

**O-91-3** **Iliac crest pain assessment using trephine method harvesting cancellous bone graft for alveolar cleft repair**  
 Lun-Jou Lo (Department of Plastic and Reconstructive Surgery and Craniofacial Research Center, Chang Gung Memorial Hospital, Taiwan)

**O-91-4** **Withdrawn**

**O-91-5** **Five-year outcomes of secondary alveolar bone grafting in unilateral complete cleft lip and palate: A single-center retrospective study**  
 Pritham Narayana Shetty (Consultant Maxillofacial Surgeon and Project Director, Bhagwan Mahaveer Jain Hospital, 17, Millers Rd, Kaverappa Layout, Vasanth Nagar, Bengaluru, Karnataka 560052, India / Bangalore Institute of Dental Sciences (BIDS) (Professor), India / Cloud Nine Hospital (Consultant Maxillofacial Surgeon), India / Unity Lifeline Hospital (Consultant Maxillofacial Surgeon), India)

**O-91-6** **Alveolar cleft bone grafting in deciduous dentition at 5 years of age: why and how?**  
 Bruno Grollemund (COMPETENCE CENTRE, France)

15:50 - 16:50 **O-92** Thursday 23 October ROOM 4 (2F Room B-1)  
**[Surgery] Primary Lip Surgery 7**  
 Chair: Roberto Flores (NYU Langone, USA)

**O-92-1** **Withdrawn**

**O-92-2** **OUR 21 YEAR EXPERIENCE WITH EARLY CLEFT LIP CORRECTION IN NEWBORNS**  
 Jiri Borsky (ENT dpt. Motol University Hospital, 2nd Faculty of Medicine, Charles University, Czech Republic)

**O-92-3** **Nostril Sill disposition & Philtrum-White Roll Junction Anatomical construct based Sub-unit Lip Repair**  
 Praveen Ganesh Natarajan (Dept. of Plastic, Reconstructive & Craniofacial Surgery, Saveetha Medical College & Hospital, India)

**O-92-4** **Withdrawn**

**O-92-5** **A third triangle in the unilateral cleft lip anatomic subunit repair**  
 Sagar Satish Deshpande (University of Minnesota Medical School, United States)

**O-92-6**      **A preoperative severity scale as a prognostic tool for the surgical burden of cleft lip patients**

Ivan Genchev Ginev (Medical University - Plovdiv, Bulgaria)

**O-92-7**      **Lip Reconstruction with Abbe Flap in Basal Cell Carcinoma**

Al Hafiz (Universitas Andalas, Indonesia)

15:50 - 16:50    **O-93**      Thursday 23 October    ROOM 5 (2F Room B-2)  
[Surgery] Speech / Velopharyngeal Surgery 6

Chairs: Andriamanarivo Mamy Latiana (ANDRIAMANARIVO Mamy Latiana, Madagascar)  
Natalie Wombacher (University of Illinois Chicago, United States )

**O-93-1**      **Comparison of the VELO-P with Perceptual and Instrumental Assessment in Children with Cleft Palate with or without Cleft Lip Ages 5–7 Years**

Natalie Rose Wombacher (University of Illinois Chicago, United States)

**O-93-2**      **A comparison study between the perceptions of Speech Language Pathologists and Surgeons of the perceptual and instrumental evaluation of VPD in patients post cleft repair**

Sruthi Krishna Prasad (Ganga Hospital, India)

**O-93-3**      **Posterior pillar augmentation palatoplasty (PPAP+Re:IVVP): outcome of a new procedure for VPI.**

Ahmed Elsherbiny (Division of Plastic Surgery, King Abdullah Specialized Children's Hospital, King Abdelaziz Medical City, Saudi Arabia)

**O-93-4**      **Cleft Child Navigating the Classroom: Teacher's insights on Speech Disorder Effects and Therapy Involvement**

Priyanga Paramasivam (SMILKE TRAIN UNIT, MEENAKSHI HOSPITAL, India)

**O-93-5**      **Early hearing status is a determinant of speech outcome at age 5 among children born with cleft palate +/- lip. Results from a study linking two national datasets in England.**

Sophie Butterworth (Cleft Registry and Audit Network, United Kingdom)

**O-93-6**      **Building capacity within the instrumental assessment of VPI, a collaboration between Surgeon and Speech pathologist**

Karen Davies (Royal Children's Hospital, Australia)

**O-93-7**      **Salvage of badly scarred palates with simultaneous pharyngeal and buccal myomucosal flap.**

Rajesh Yellinedi (Consultant plastic surgeon, India)

15:50 - 16:50    **O-94**      Thursday 23 October    ROOM 6 (B1F Room E)  
[Outcome Studies] 6

Chair: David K Chong (Royal Childrens Hospital, Australia)

**O-94-1**      **The Impact of Geography and Environmental Exposures on Cleft Width: A Multinational Study Across 21 Countries**

Alexander Thomas Plonkowski (Division of Plastic and Maxillofacial Surgery, Children's Hospital of Los Angeles, United States / Operation Smile Inc., United States)

- O-94-2**      **Tessier Cleft Number 6 Revisited: A Series of 26 new Cases and Literature Review of 44.**  
Cristiano Tonello (Hospital for Rehabilitation of Craniofacial Anomalies- University of São Paulo, Brazil)
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- O-94-3**      **A contemporary classification system for cleft lip and palate that futureproofs for AI-ready granularity: a single centre 10-year experience.**  
Jing Qin Tay (The Spires Cleft Centre, Oxford University Hospitals NHS Foundation Trust, United Kingdom)
- 
- O-94-4**      **Anthropometrics versus experts' subjective analysis of cleft severity and PSIO outcomes in unilateral clefts: A proposal for a new grading.**  
Daniela Y S Tanikawa (Menino Jesus Municipal Hospital, Brazil / Sabará Children's Hospital, Brazil / Smile Train's Latin America Medical Advisory Council, Brazil)
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- O-94-5**      **The Correlation between Unilateral Cleft Lip Severity and Nasolabial Aesthetic Outcomes Post-Surgery**  
Shaffira Annisa Herawati (Faculty of Dentistry, Brawijaya University, Indonesia)
- 
- O-94-6**      **New Parameters in our Electronic Medical Record for Assessment of Late Outcomes: Efficiency of Surgical Treatment and Quality of Follow-Up**  
Youri Constantinov Anastassov (Medical University of Plovdiv, Bulgaria / Medical University of Plovdiv, Bulgaria / Medical University of Plovdiv, Bulgaria)
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- O-94-7**      **Withdrawn**
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- 15:50 - 16:50**      **O-95**      **Thursday 23 October ROOM 7 (2F Room I)**  
**[Genetics] Epidemiology/Etiology 3**  
Chairs: Giorgio C. La Scala (Pediatric Plastic Surgery, Division of Pediatric Surgery, Pediatric Surgery Unit, University Center of Pediatric Surgery of Western Switzerland, University of Geneva Children's Hospital, Switzerland)  
Norihsa Higashihori (Department of Maxillofacial Orthognathics, Institute of Science Tokyo, Japan)
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- O-95-1**      **Withdrawn**
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- O-95-2**      **Withdrawn**
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- O-95-3**      **Associations of FGF/FGFR pathway Genes with the Risk of Non-Syndromic Oral Clefts**  
Mengying Wang (School of Public Health, Peking University, China)
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- O-95-4**      **Genetic Regulation of ARID3B Confers Non-syndromic Cleft Lip with/without Cleft Palate Susceptibility Through Liquid-Liquid Phase Separation-mediated Transcriptional Program**  
Yongchu Pan (The Affiliated Stomatological Hospital of Nanjing Medical University, China)
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- O-95-5**      **Withdrawn**
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- O-95-6**      **Epidemiology of cleft lip/palate and cleft palate in Switzerland**  
Giorgio C La Scala (University of Geneva Children's Hospital, Switzerland)
- 
- O-95-7**      **Risk Factors for Non-syndromic Orofacial Clefts among Saudi Children**  
Najla Sulaiman Alrejaye (Ministry of National Guard Health Affairs, Saudi Arabia)

15:50 - 16:50 **O-96** Thursday 23 October ROOM 8 (2F Room J)  
**[Surgery] Alveolar Bone Grafting 5**  
Chairs: Kiyohide Ishihata (Department of Oral and Maxillofacial Surgery, Field of Maxillofacial Rehabilitation, Kagoshima University Graduate School of Medical and Dental Sciences, Japan)  
Lun-Jou Lo (Chang Gung Memorial Hospital, Taiwan)

**O-96-1** **Assessment of the Osteogenesis Effect with Cone-Beam CT After Guided Bone Regeneration Applied to Alveolar Cleft Bone Grafting**  
Wen Lin Xiao (Department of oral and maxillofacial surgery, the affiliated hospital of Qingdao University, China)

**O-96-2** **Mandibular Symphysis Bone as a Graft Source: 3D Outcomes of Alveolar Bone Grafting in Patients With Unilateral Cleft Lip and Alveolus**  
Bruno Ribeiro Braga (Hospital for Rehabilitation of Craniofacial Anomalies, University of Sao Paulo, Brazil)

**O-96-3** **Intraoral Scanning: A Valuable Tool for Radiation-Free 3D Assessment of Alveolar Bone Grafts Beyond 2D X-Rays**  
Susanna Botticelli (Cleft Lip and Palate Centre, Denmark / Section of Orthodontics-Department of Dentistry and Oral Health- Aarhus University, Denmark)

**O-96-4** **LONG-TERM CT COMPARISON OF ALVEOLAR BONE FORMATION IN UCLP PATIENTS TREATED WITH TWO DIFFERENT SURGICAL APPROACHES: EARLY SECONDARY GINGIVOALVEOLOPLASTY OR BONE GRAFT**  
Luca Autelitano (Cleft Lip and Palate Regional Center, Operation Smile Milan, ASST Santi Paolo e Carlo San Paolo University Hospital, Italy)

**O-96-5** **Evaluation of Platelet-Rich Plasma in Alveolar Bone Grafting: A 3D Assessment Using CBCT**  
Nur Aini Kadarwiyanto (RSAB Harapan Kita, Indonesia)

**O-96-6** **Cleft Lip and Palate: Benefits of Early Alveolar Bone Grafting at age 5 & Advantages of 3D Technology for orthodontic preparation**  
Aurelie Majourau-Bouriez (Necker's Children Hospital CRMR MAFACE, France)

**O-96-7** **3D CT assessment of alveolar bone grafting in patients with cleft lip & palate - a feasibility study**  
Jessica Kierath (The Hospital for Sick Children, Canada / University of Toronto, Canada)

9:00 - 9:50 **O-97** Friday 24 October ROOM 2 (2F Room A)  
**[Surgery] Orthognathic Surgery 6**  
Chairs: Ignacio Ismael Garcia Recuero (Maxillofacial & Odontology Dept. HIU Niño Jesus, Madrid, Spain)  
Hideto Saijo (Department of Oral and Maxillofacial Surgery, Graduate School of Medical and Dental Sciences, Kagoshima University, JAPAN)

**O-97-1** **Breaking Away from Cleft-Associated Facial Features: The Role of Orthognathic Surgery and Rhinoplasty**  
Ushio Hanai (Department of Plastic and Reconstructive Surgery, Tokai University School of Medicine, Japan)

<b>O-97-2</b>	<b>Step genioplasty using trapezoid osteotomy</b> Yoshitsugu Hattori (Department of Plastic Surgery, Kanto Central Hospital, Japan)
<b>O-97-3</b>	<b>Two Decades of Mandibular Distraction Osteogenesis: How Age Influences Surgical Outcomes</b> Melanie Bakovic (Children's Hospital Los Angeles, United States)
<b>O-97-4</b>	<b>How Does the Proximal Mandibular Segment Behave Following Mandibular Setback in Patients with Cleft Lip and Palate? A 3D Analysis of Displacement Patterns</b> Bharbara Marinho Barcellos (Hospital for Rehabilitation of Craniofacial Anomalies, University of São Paulo, Brazil)
<b>O-97-5</b>	<b>Advancement of the small stump in orthognathic surgery in patients affected by cleft lip and palate.</b> Luca Autelitano (Ceft Lip and Palate Regional Center, Operation Smile Milan, ASST Santi Paolo e Carlo San Paolo University Hospital, Italy)
<b>O-97-6</b>	<b>Correlation between Surgical Skeletal Manipulation and Upper Airway Modifications in Individuals with Cleft Lip and Palate: A Pilot Study</b> Bharbara Marinho Barcellos (Hospital for Rehabilitation of Craniofacial Anomalies, University of Sao Paulo, Brazil)
<b>9:00 - 9:50</b>	<b>O-98</b> <span style="float: right;"><b>Friday 24 October ROOM 3 (1F Room D)</b></span> <b>[Surgery] Primary Palate Surgery 8</b> Chair: Takeshi Mitsuyasu (Department of Oral & Maxillofacial Surgery, Kyushu University Hospital, Japan)
<b>O-98-1</b>	<b>Withdrawn</b>
<b>O-98-2</b>	<b>Withdrawn</b>
<b>O-98-3</b>	<b>Withdrawn</b>
<b>O-98-4</b>	<b>Extended buccal flap ( modified bozola flap ) vs conventional buccal flap in palatal repairs by Robert Manns anatomical cleft restoration concept</b> Faizal Ahmed Syed (CAMRI hospital, India)
<b>O-98-5</b>	<b>Surgical indications and outcomes in cleft palate patients with syndromes or multiple congenital anomalies.</b> Masafumi Kamata (Division of Plastic and reconstructive surgery, National Center for Child Health and Development, Japan)
<b>O-98-6</b>	<b>Withdrawn</b>
<b>9:00 - 9:50</b>	<b>O-99</b> <span style="float: right;"><b>Friday 24 October ROOM 4 (2F Room B-1)</b></span> <b>[Craniomaxillofacial] Craniomaxillofacial Surgery 3</b> Chair: Pradip Chandra Dash (Pranto Specialized Hospital)
<b>O-99-1</b>	<b>A Physician-Centered Craniofacial Asymmetry Index for the Severity of Plagiocephaly: A Comparative Study of Assessment Methods</b> Ting Hsuan Lin (School of Medicine, Chang Gung University, Taiwan)

<b>O-99-2</b>	<b>Craniofacial cleft: An experience of a cleft center in developing country like Bangladesh</b> Pradip Chandra Dash (Pranto Specialized Hospital, Bangladesh)
<b>O-99-3</b>	<b>Withdrawn</b>
<b>O-99-4</b>	<b>Case report of unusual complex craniosynostosis with deletion of the short chromosome 7 and its staged surgical management.</b> Ahmed Elsherbiny (Division of Plastic Surgery, King Abdulla Specialized Children's Hospital, King Abdelaziz Medical City, Saudi Arabia)
<b>O-99-5</b>	<b>Innovative Use of Synthetic Bone Graft in the Reconstruction of a Type III Orofacial Cleft in a Growing Patient: A Case Report.</b> Charanya Vijayakumar (The Cleft and Craniofacial Centre, Sree Balaji Medical College and Hospital & Dr. Rela Institute and Medical Centre, Bharath Institute of Higher Education and Research, India / Smile Train India, India)
<b>O-99-6</b>	<b>Premaxillary Setback in Adolescents with Bilateral Cleft Lip and Palate: A Functional, Aesthetic and Psychosocial Perspective</b> Charanya Vijayakumar (The Cleft and Craniofacial Centre, Sree Balaji Medical College and Hospital & Dr. Rela Institute and Medical Centre, Bharath Institute of Higher Education and Research, India)
<b>9:00 - 9:50</b>	<b>O-100</b> <span style="float: right;"><b>Friday 24 October ROOM 5 (2F Room B-2)</b></span> <b>[Surgery] Primary Lip Surgery 8</b> Chairs: Hideaki Kamochi (Department of Plastic Surgery, Cleft and Craniofacial Center, Shizuoka Children's Hospital, Japan) Valeria Marinella Augusta Battista (Regional Cleft Centre Milan - Operation Smile Milan, Italy)
<b>O-100-1</b>	<b>The effect of asymmetric nasal stents for preoperative nasal molding in unilateral incomplete cleft lips</b> Ye Ryoung Kang (Department of Surgery, Taipei Medical University Hospital, Taiwan / Department of Medical Education, Taipei Medical University Hospital, Taiwan)
<b>O-100-2</b>	<b>Implications for the timing of revision surgery: differences in aesthetic outcome perceptions between patients and cleft team members</b> Christoph Theopold (Children's Health Ireland, Ireland)
<b>O-100-3</b>	<b>Intraoperative Analysis of Unilateral Cleft Lip Nasal Deformity: Assessment of the Lower Lateral Cartilage following Correction of the Nasal Foundation and Nasal Tip Dissection via a Modified Tajima Incision.</b> Daniela Yukie Sakai Tanikawa (Menino Jesus Municipal Hospital, Brazil / Sabará Children's Hospital, Brazil / Smile Train's Latin America Medical Advisory Council, Brazil)
<b>O-100-4</b>	<b>Withdrawn</b>
<b>O-100-5</b>	<b>Withdrawn</b>
<b>O-100-6</b>	<b>Long term results of nasolabial appearance in UCLP patients.</b> Valeria Marinella Augusta Battista (Cleft Lip and Palate Regional Center, Operation Smile Milan, ASST Santi Paolo e Carlo San Paolo University Hospital, Italy)

9:00 - 9:50      **O-101**      Friday 24 October ROOM 6 (B1F Room E)  
**[Outcome Studies] 7**  
 Chairs: Peter Anthony Mossey (University of Dundee, United Kingdom)  
 Puneet Batra (Manav Rachna International Institute of Research and Studies, India, India)

**O-101-1**      **Gene expression analysis reveals the role of ITGA8 and the PI3K-AKT pathway in non-syndromic cleft lip and palate**

Christian Ferreira Bernardi (Faculdade Israelita de Ciências da Saúde Albert Einstein, Brazil)

**O-101-2**      **Human levator veli palatini muscle: a novel source of mesenchymal stromal cells for use in the rehabilitation of patients with congenital craniofacial malformations**

Isabela Vieira Nasser De Morais (Faculdade Israelita de Ciências da Saúde Albert Einstein, Brazil)

**O-101-3**      **Comparative osteogenic miRNA expression in stem cells from lipoaspirate and dental pulp: implications for bone repair in cleft lip and palate.**

Ygor Goncalves Felix De Mattos (Faculdade Israelita de Ciências da Saúde Albert Einstein., Brazil)

**O-101-4**      **Microvesicles and exosomes as therapeutic tools for alveolar bone regeneration in cleft lip and palate.**

Helena Geiger Campos (Faculdade Israelita de Ciências da Saúde Albert Einstein, Brazil)

**O-101-5**      **Exploring variation in outcomes at end of care: a protocol for a multicentre cross-sectional cohort study across UK cleft centres**

Stephanie Van Eeden (Newcastle University, United Kingdom)

**O-101-6**      **Enhanced recovery protocols in pediatric plastic surgery: a systematic review**

Ahmad Alhadlg (SickKids Hospital, Division of plastic, reconstructive & aesthetic surgery university of toront, Canada)

9:00 - 9:50      **O-102**      Friday 24 October ROOM 7 (2F Room I)  
**[Surgery] Lip and Nose Revision 5**

Chairs: Cheng You Lin (Department of Medical Education, Chang Gung Memorial Hospital, Taoyuan, Taiwan)

Motoki Katsube (Department of Plastic and Reconstructive Surgery, Kyoto University Graduate School of Medicine, Japan/Kyoto)

**O-102-1**      **Comparison of Alar Width between Conventional and Modified Cinching Suture Following LeFort I Osteotomy**

Cheng You Lin (Linkou Chang Gung Memorial Hospital, Taiwan)

**O-102-2**      **Withdrawn**

**O-102-3**      **Withdrawn**

**O-102-4**      **Optimizing Esthetic Outcomes for Cleft Lip Nasal Deformity: A Patient-Centered Surgical Approach**

Motoki Katsube (Kyoto University Graduate School of Medicine, Japan)

**O-102-5**      **Withdrawn**

**O-102-6**      **Withdrawn**

9:00 - 9:50	<b>O-103</b> <b>[Anesthesia and Airway Management]</b> Chairs: Plinio Enrique Sierra Ruiz (King Abdullah Specialized Children's Hospital Riyadh, Saudi Arabia) Ijeoma Chinenye (Ohagwu Consultant Anaesthetist, Lagos university teaching hospital, Nigeria)	Friday 24 October ROOM 8 (2F Room J)
<b>O-103-1</b>	<b>A Retrospective Analysis of Anesthesia Related Adverse Events in Primary Cleft Lip or Palate Repair Using Multimodal Anesthesia Within an Enhanced Recovery Protocol</b> Plinio Sierra (King Abdullah Specialized Children's Hospital., Saudi Arabia)	
<b>O-103-2</b>	<b>Alveolar cleft and maximum cleft width as predictors of difficult laryngoscopy and intubation in patients with cleft lip and Palate.</b> Ijeoma Chinenye Ohagwu (Lagos University Teaching Hospital, Nigeria)	
<b>O-103-3</b>	<b>Risk of food residue ingestion during anesthesia induction on patients with cleft palate</b> Ryoko Irie (Shizuoka Children's Hospital, Japan)	
<b>O-103-4</b>	<b>Infraorbital and Suprazygomatic Blocks for Postoperative Pain Management in Pediatric Cleft Patients: A 100-Case Series from Operation Smile Peru 2024</b> Claudia Garcia (Operation Smile International, United States)	
<b>O-103-5</b>	<b>Withdrawn</b>	
<b>O-103-6</b>	<b>Withdrawn</b>	
10:10 - 11:00	<b>O-104</b> <b>[Orthodontic] Pre-surgical Orthopedics 6</b> Chairs: Arja Heliövaara (DDS, PhD, Adjunct Professor, Cleft Palate and Craniofacial Center, Helsinki University Hospital, and Helsinki University, Finland) Yuki Sato Yamamoto (Japan orthodontic center, Japan)	Friday 24 October ROOM 2 (2F Room A)
<b>O-104-1</b>	<b>Withdrawn</b>	
<b>O-104-2</b>	<b>Comparison between the Efficacy of Nasoalveolar Molding and Nasal Props for Presurgical Treatments</b> Hsiao-Chien Ku (Department of Surgery, Taipei Medical University Hospital, Taiwan)	
<b>O-104-3</b>	<b>Evaluation of a Digital Aligner-Based Platform for Presurgical Nasoalveolar Molding in Unilateral Cleft Lip and Palate</b> Yuka Kobayashi (Japan orthodontic center, Japan)	
<b>O-104-4</b>	<b>Complete Digital Workflow for Manufacturing Presurgical Orthodontic Palatal Plates in Newborns and Infants with Cleft Lip and/or Palate</b> Maite Aretxabala (University Hospital Tuebingen, Germany / Center for Cleft Lip, Palate and Craniofacial Malformations; University Hospital Tuebingen, Germany)	
<b>O-104-5</b>	<b>Withdrawn</b>	

- O-104-6 Palatal Growth Charts for Unilateral Cleft Lip and Palate in the First Year Before Surgery**  
 Andreas Albert Mueller (Oral and Craniomaxillofacial Surgery, University and University Hospital Basel, Switzerland / Pediatric Oral and Craniomaxillofacial Surgery, University Children's Hospital Basel, Switzerland / Facial and Cranial Anomaly Research Group, University of Basel, Switzerland / Department of Clinical Research, University of Basel, Switzerland / Department of Biomedical Engineering, University of Basel, Switzerland)

10:10 - 11:00 **O-105** Friday 24 October ROOM 3 (1F Room D)  
**[Surgery] Primary Palate Surgery 9**  
 Chairs: Kazuhide Nishihara (Okinawa Red Cross Hospital, Japan)  
 Alexander L. Ivanov (Central Scientific Research Institute of Dentistry and Maxillofacial Surgery, Russia)

- O-105-1 EFFECT OF HAMULOTOMY ON MIDDLE EAR PRESSURE AND EUSTACHIAN TUBE DYSFUNCTION IN CHILDREN WITH CLEFT PALATE: A RANDOMISED CONTROLLED TRIAL.**  
 Shibani Das (Ashwini Trauma Centre, India)

- O-105-2 Assessing the Landscape of Timely Primary Palatoplasty at a Comprehensive Cleft Care center of LMIC: Status, Limitations, and Challenges**  
 Sanjanaa Kapoor (Associate Consultant, Department of Oral and Maxillofacial Surgery and Smile Train, Meenakshi Hospital, India)

- O-105-3 A new method of palatoplasty for Primary Cleft Palate repair. Analysis of clinical cases and Five-year experience**  
 Kakhramon Shomurodov (Tashkent State Dental Institute, Uzbekistan)

- O-105-4 A critical relook at the anatomical basis of cleft palate repair**  
 Syed Altaf Hussain (The Cleft and Craniofacial Centre, India)

- O-105-5 unilateral cleft lip adhesion coupled with vomerine mucosal flap in cases of wide unilateral cleft lip patients**  
 Mazhar Rafi Jam (smile train, Pakistan)

- O-105-6 Withdrawn**

10:10 - 11:00 **O-106** Friday 24 October ROOM 4 (2F Room B-1)  
**[Craniomaxillofacial] Craniomaxillofacial Surgery 4**  
 Chair: Charanya Vijayakumar (Sree Balaji Medical College and Rela Hospitals, Bharath Institute of Higher Education and Research, India)

- O-106-1 BONE TISSUE ENGINEERING OF THE GROWING CRANIOFACIAL SKELETON: DIPYRIMDALE-LOADED 3D-PRINTED TRICALCIUM PHOSPHATE SCAFFOLDS CAN STIMULATE STABLE BONE GENERATION IN AN IN VIVO GROWING PIG MODEL THROUGH FACIAL MATURITY**  
 Roberto Flores (NYU Langone, United States)

- O-106-2 Surgical Management Protocol and Long-Term Follow-Up of Treacher Collins Syndrome at Chang Gung Memorial Hospital**  
 Yow-Jye Shiue (Chang Gung Memorial Hospital, Taiwan)

<b>O-106-3</b>	<b>Our experience with Rare Craniofacial Clefts- Tessier 1 to 30 in a high-volume Cleft Centre</b> Asif Masood (Smile Train Centre – Savitri Hospital and Research Centre, India)
<b>O-106-4</b>	<b>Encephalocele management in LMIC</b> Richard Andrew Lewandowski (Mater/ QCH/ Operation Smile, Australia)
<b>O-106-5</b>	<b>Challenges in Paediatric Craniofacial Surgical Care in Sub-Saharan Africa: The Nigerian Experience and a Call for Global Support</b> Olushola Ibiyinka Amole (AMINU KANO TEACHING HOSPITAL, Nigeria)
<b>O-106-6</b>	<b>A Case of Suspected Carpenter Syndrome Treated with Simultaneous FOA and Midface Distraction in Adolescence</b> Kahoko Yamada (Department of Plastic, Reconstructive, and Aesthetic Surgery, Graduate School of Medicine, Chiba University, Japan)
<b>10:10 - 11:00</b>	<b>O-107</b> <span style="float: right;"><b>Friday 24 October ROOM 5 (2F Room B-2)</b></span> <b>[Surgery] Primary Lip Surgery 9</b> Chair: Tae Suk Oh (Asan Medical Center, South Korea)
<b>O-107-1</b>	<b>PRIMARY UNILATERAL CLEFT LIP REPAIR USING EXTENDED MOHLER TECHNIQUE : REVIEW OF TECHNIQUE AND OUTCOME OF 120 CASES</b> Harish K (Richardsons Face Hospitals, India)
<b>O-107-2</b>	<b>Comparative 3-Dimensional Analysis of Philtral Ridge Projection in Unilateral Cleft Lip Repair Enhanced with Muscle-to-Subdermis Suture</b> Tae Suk Oh (Asan Medical Center, South Korea)
<b>O-107-3</b>	<b>Withdrawn</b>
<b>O-107-4</b>	<b>A Technique for Infant Cleft Rhinoplasty</b> Roberto Flores (NYU Langone, United States)
<b>O-107-5</b>	<b>The Method of Surgical Lip Repair Affects Speech Outcomes in Children With Bilateral Cleft Lip and Palate</b> Holly Peryer (Birmingham Women's & Children's Hospital, United Kingdom / University of Sheffield, United Kingdom)
<b>O-107-6</b>	<b>Withdrawn</b>
<b>10:10 - 11:00</b>	<b>O-108</b> <span style="float: right;"><b>Friday 24 October ROOM 6 (B1F Room E)</b></span> <b>[Genetics] Syndromes</b> Chairs: Scott E. Hickey (Nationwide Children's Hospital, United States) Takenobu Ishii (Department of Orthodontics, Tokyo Dental College, JAPAN)
<b>O-108-1</b>	<b>Development of an algorithm to classify large cohort of children with orofacial clefting as isolated versus syndromic</b> Scott E Hickey (Nationwide Children's Hospital, United States / The Ohio State University College of Medicine, Department of Pediatrics, United States)
<b>O-108-2</b>	<b>Decoding Atypical Orofacial Clefts: Clinical and Genetic Insights from Indian Cohorts</b> Akhtar Ali (BANARAS HINDU UNIVERSITY, India)

- O-108-3**      **A Critical Analysis of Feeding and Swallowing Outcomes in Patients with Pierre-Robin Sequence**  
Nicolas Kass (UPMC Children's Hospital of Pittsburgh, United States)
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- O-108-4**      **Towards a Unified Approach: Analyzing Existing Grading Scales for Craniofacial Scleroderma and Introducing a Novel Comprehensive Assessment System**  
Ingrid M Ganske (Department of Plastic and Oral Surgery, Boston Children's Hospital, United States)
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- O-108-5**      **Frontonasal Dysplasia : A Literature Review and Report of Four Cases**  
Attila M Vastyan (Department of Pediatrics, Clinical Centre, zsef A u 7University of Pecs, Hungary)
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- O-108-6**      **Diagnosis of Smith-Lemli-Opitz syndrome through Dento-facial features: A case report**  
Francine Jones (Great Ormond Street Hospital, United Kingdom)
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- 10:10 - 11:00**      **O-109**      **Friday 24 October ROOM 7 (2F Room I)**  
**[Surgery] Ear Reconstruction**  
Chairs: Junior Chun-Yu Tu (Chang Gung Memorial Hospital, Taiwan)  
Akihiko Oyama (Department of Plastic and Reconstructive Surgery, Fukushima Medical University, Japan)
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- O-109-1**      **Revolutionizing Ear Reconstruction with Twenty First Century Tools**  
Naji Bou Zeid (Division of Plastic, Reconstructive, and Cosmetic Surgery, Department of Surgery, University of Illinois Chicago, United States)
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- O-109-2**      **Surgical Decision Making for Ear Reconstruction in Craniofacial Microsomia. Exploring Caregiver Narratives**  
Nicola M Stock (Centre for Appearance Research, University of the West of England, United Kingdom)
- 
- O-109-3**      **Comparison of Outcomes in Microtia Reconstruction Using Autologous Rib or Hybrid Framework of Autologous Rib and Porous Polyethylene Implant**  
Yuk Kwan Eric Ng (The Chinese University of Hong Kong, Hong Kong / United Christian Hospital, Hong Kong)
- 
- O-109-4**      **The Change in the Size of the Temporoparietal Fascia Before and After Being Raised as a Pedicled Flap**  
Junior Chun-Yu Tu (Chang Gung Memorial Hospital, Taiwan)
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- O-109-5**      **Withdrawn**
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- O-109-6**      **Withdrawn**

## Poster session

P-1		Monday 20 October Poster Exhibition (B1F SAKURA)
[Orthodontic] Growth 3		
P-1-1	<b>Growth evaluation for patients with unilateral cleft lip, alveolus and palate (UCLP) in adulthood at Riga Cleft Lip and Palate centre.</b> Inta Zepa (Riga Stradins University, Institute of Stomatology, Department of Orthodontics, Latvia)	
P-1-2	<b>Molecular mechanism of Sft2d3 mutation leading to underdeveloped soft palate muscles and its impact on function</b> Xuefei Pang (Shanghai ninth people's hospital, China)	
P-1-3	<b>Craniofacial cephalometrics of a sample of individuals born with unilateral cleft lip and palate from Academic Hospitals in the Western Cape, South Africa</b> Tebogo Mvundla (University of the Western Cape, South Africa)	
P-1-4	<b>Withdrawn</b>	
P-1-5	<b>Sutural Maturation in Unilateral Cleft Lip and Palate: Cone beam CT-Based Insights into the Effects of Surgical Protocol and Clinical Implications</b> Federica Corradi (Regional Center for Cleft Lip and Palate, Fondazione Operation Smile Italia ETS, Department of Maxillo Facial Surgery, ASST Santi Paolo e Carlo – San Paolo Hospital, Italy)	
P-1-6	<b>Comparison of Goslon yardstick and cephalometric analysis in non-syndromic unilateral cleft lip and palate individuals in the Western Cape, South Africa</b> Albert Vanzyl (university of the western cape, South Africa)	
P-1-7	<b>Facial profile convexity of adults with complete UCLP undergoing different surgical techniques</b> Terumi Okada Ozawa (Hospital for Rehabilitation of Craniofacial Anomalies- University of São Paulo-Bauru, Brazil)	
P-1-8	<b>Withdrawn</b>	
P-1-9	<b>Withdrawn</b>	
P-2		Monday 20 October Poster Exhibition (B1F SAKURA)
[Orthodontic] Orthodontic Tooth Alignment 3		
P-2-1	<b>Evaluation of Factors Affecting the Treatment Plan for Maxillary Anterior Tooth Alignment in Unilateral Cleft Lip and Palate Patients with Congenital Absence of the Maxillary Lateral Incisor</b> Eriko Takahashi (Department of Orthodontics, Tokyo Dental College, Japan)	
P-2-2	<b>Analysis of dental anomalies in individuals with unilateral cleft lip and palate in the Western Cape, South Africa</b> Vuyisile Gomba (University of the Western Cape, South Africa)	

<b>P-2-3</b>	<b>Revolutionizing Presurgical Orthodontics: The Role of Clear Aligners in Alveolar Bone Graft for Cleft Lip and Palate Patients - A Case Report</b> Krisadi Phannarus (Queen Sirikit National Institute of Child Health, Thailand)
<b>P-2-4</b>	<b>The Stability of Severe Rotational Correction Post-Orthodontic Treatment in a Patient with Unilateral Cleft Lip and Palate: A Case Report.</b> Nadia Izyan Muhamad Sabri (Oral Health Program, Ministry of Health Malaysia, Malaysia)
<b>P-2-5</b>	<b>Withdrawn</b>
<b>P-2-6</b>	<b>Withdrawn</b>
<b>P-2-7</b>	<b>Collaborative Care for Cleft Lip Patient with Premaxillary Bone Anomalies and Maxillary Incisor Displacement.</b> Suryati Hartini Mohamed Zini (Orthodontic Unit, Ulu Tiram Dental Clinic, Malaysia)
<b>P-2-8</b>	<b>Withdrawn</b>

**P-3** **Monday 20 October Poster Exhibition (B1F SAKURA)**  
**[Craniomaxillofacial] Craniomaxillofacial Surgery 3**

<b>P-3-1</b>	<b>An Algorithmic Approach to Maxillofacial Giant Cell Lesions in the Pediatric Patient: A 21-Year Review</b> Asli Pekcan (Keck School of Medicine of USC, United States)
<b>P-3-2</b>	<b>Withdrawn</b>
<b>P-3-3</b>	<b>Multidisciplinary Perspectives on the Management of Giant Cell Lesions in the Pediatric Population</b> Asli Pekcan (Keck School of Medicine of USC, United States)
<b>P-3-4</b>	<b>Withdrawn</b>
<b>P-3-5</b>	<b>Utility and evaluation of genioplasty for congenital anomalies with recurrent sleep apnea.</b> Hiromi Kino (Plastic and Reconstructive Surgery, Kyoto-Katsura Hospital, Japan)
<b>P-3-6</b>	<b>Withdrawn</b>
<b>P-3-7</b>	<b>Assessing Dynamic Smile Outcomes in Pediatric Facial Palsy: An Image-Based Approach After Free Gracilis Muscle Transfer</b> Melanie Bakovic (Children’s Hospital Los Angeles, United States)

**P-4** **Monday 20 October Poster Exhibition (B1F SAKURA)**  
**[Medical/Surgical Technology] 2**

<b>P-4-1</b>	<b>Withdrawn</b>
<b>P-4-2</b>	<b>Withdrawn</b>

**P-4-3 Bridging Technology and Surgery: The Role of Virtual Planning and Navigation in Dental Extractions for Craniofacial Malformations**

Mattia Moretti (Pediatric Craniofacial Malformations Unit, Smile House Monza - Craniofacial Center, Fondazione IRCCS San Gerardo dei Tintori, Italy)

**P-5 Monday 20 October Poster Exhibition (B1F SAKURA)**  
**[Surgery] Ear Reconstruction 2**

**P-5-1 Surgical Approach to Microtia and Ear Reconstruction Determines Post-Operative Cutaneous Sensation Preservation**

James Thomas Antongiovanni (University of California Irvine Department of Plastic Surgery, United States / Washington State University Elson S. Floyd College of Medicine, United States)

**P-5-2 Ear Reconstruction in Patients with Hemifacial Microsomia: Surgical Timing, Planning and Results.**

Marta Cajozzo (Plastic and Maxillofacial Surgery Unit, Cleft and Craniofacial Center, Bambino Gesù Children's Hospital, Italy)

**P-5-3 Withdrawn**

**P-5-4 Constricted Ear Unfolded: A Scoping Review of Surgical Management and Case Series**

Lana S. Mamoun (University of California Irvine, Center for Tissue Engineering, Plastic Surgery Department, United States)

**P-5-5 Oral Scanner as an Alternative Device to 3dMD for Obtaining Anthropometric Measurements: A Preliminary Study**

Austin Hong-Xuan Lin (Department of Plastic and Reconstructive Surgery and Craniofacial Research Center, Chang Gung Memorial Hospital, Chang Gung University., Taiwan)

**P-5-6 Withdrawn**

**P-5-7 Comparing the Chondrogenic Potential and Utility of Microtia and Costal Chondrocytes in Microtia Reconstruction**

Lana S Mamoun (UC Irvine, Department of Plastic Surgery, Center for Tissue Engineering, United States)

**P-6 Monday 20 October Poster Exhibition (B1F SAKURA)**  
**[Surgery] Fistula Closure 2**

**P-6-1 Withdrawn**

**P-6-2 Withdrawn**

**P-6-3 Microsurgical Tissue Transfer for Intractable Oral Fistulas of Cleft Palate; Four Case Reports**

Atsuhiko Iwao (Department of Plastic and Reconstructive Surgery, Graduate School of Biomedical Sciences, Nagasaki University, Japan)

- P-6-4**      **Case report of palatal fistula closure using a tongue flap**  
Hokuto Yamazaki (Ohu University School of Dentistry, Japan / Department of Oral and Maxillofacial Surgery, Osaka Women's and Children's Hospital, Japan)
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- P-6-5**      **Closure of the oronasal fistula in elderly patients with cleft lip and palate.**  
Takayuki Honda (Department of Plastic and Reconstructive Surgery, School of Medicine, Iwate Medical University, Japan)
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- P-6-6**      **Withdrawn**
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- P-7**      **Monday 20 October Poster Exhibition (B1F SAKURA)**  
**[Surgery] Primary Lip Surgery 3**
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- P-7-1**      **The Impact of Neonatal Surgical Protocol on Palatal Morphology and Growth in Adolescents with Orofacial Clefts**  
Sylvie Vrana (Faculty of Science, Charles University, Czech Republic)
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- P-7-2**      **What is the Impact of Educating International Cleft Surgical Trainees on Subacute Complications in Cleft Patients? A Global Cohort Study**  
Alexander T Plonkowski (Department of Plastic and Maxillofacial Surgery, Children's Hospital of Los Angeles, United States / Operation Smile Incorporated, United States)
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- P-7-3**      **Septoplasty During Primary Cleft Lip Reconstruction: A Historical Perspective and Scoping Review**  
Callum Munns (Department of Plastic and Maxillofacial Surgery, The Royal Children's Hospital, Australia)
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- P-7-4**      **Primary Septal Cartilage Graft for Unilateral Cleft Rhinoplasty: A 10-year Follow-up Results and the Effect on the Septal Deviation**  
Kazuki Ueno (Department of Plastic and Reconstructive Surgery and Craniofacial Research Center, Chang Gung Memorial Hospital, Taiwan / Department of Plastic and Reconstructive Surgery, Wakayama Medical University, Japan / Department of Plastic and Reconstructive Surgery, Japanese Red Cross Wakayama Medical Center, Japan)
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- P-7-5**      **The Three Lines Algorithm for the treatment of Bilateral Cleft Lip**  
Franklin Javier Paredes (Fundacion Operacion Sonrisa Ecuador, Ecuador)
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- P-7-6**      **Reconstruction of a Duplicated Nose in a 6-Year-Old Girl with a Median Facial Cleft Using a Modified Tennison-Randall Technique: A Case Report and Review**  
Lukasz Banasiak (Craniofacial Center in Children Hospital, Poland)
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- P-7-7**      **Withdrawn**
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- P-7-8**      **Withdrawn**

**P-8**  
**[Surgery] Primary Palate Surgery 3**

Monday 20 October Poster Exhibition (B1F SAKURA)

**P-8-1**      **Robotic assisted cleft palate repair using novel 3 mm tools: a reachability and collision analysis**

Dale Justin Podolsky (Division of Plastic and Reconstructive Surgery, The Hospital for Sick Children, Canada / Posluns Center for Image Guided Innovation and Therapeutic Intervention, The Hospital for Sick Children, Canada)

**P-8-2**      **Withdrawn**

**P-8-3**      **Withdrawn**

**P-8-4**      **Withdrawn**

**P-8-5**      **Withdrawn**

**P-8-6**      **Surgical and Speech Outcomes in Primary Cleft Palate Repair in Queensland, Australia: 256 consecutive cases from a single tertiary unit**

Liana Cheung (Queensland Children's Hospital, Australia)

**P-8-7**      **Surgical Management of Wide Cleft Palates: Insights from a Tertiary Cleft Center in Pakistan**

Muhammad Daiem (CLAPP Hospital, Pakistan)

**P-9**  
**[Surgery] Speech / Velopharyngeal Surgery 3**

Monday 20 October Poster Exhibition (B1F SAKURA)

**P-9-1**      **Impact of Anatomic Variability on Speech Outcomes after Furlow Palatoplasty for Submucous Cleft Palate**

Alexander Wilson (Division of Plastic Surgery, University of Pennsylvania, United States / Division of Plastic, Reconstructive, and Oral Surgery, Children's Hospital of Philadelphia, United States)

**P-9-2**      **The Rate of Secondary Speech Surgery after Cleft Palate Repair: A Systematic Review of the Literature**

Alexander T Plonkowski (Division of Plastic and Maxillofacial Surgery, Children's Hospital of Los Angeles, United States / Operation Smile Inc, United States)

**P-9-3**      **Withdrawn**

**P-9-4**      **Pharyngoplasty with Hyaluronic Acid Injection in Velopharyngeal Dysfunction: the experience of a tertiary hospital**

Pedro Barros Silva (Department of Otorhinolaryngology, Unidade Local Saúde de São João, Portugal / Department of Surgery and Physiology, Faculty of Medicine of University of Porto, Portugal)

**P-9-5**      **Withdrawn**

**P-9-6**      **Islanded buccinator myomucosal flaps provide favourable clinical outcomes in the management of velopharyngeal dysfunction in cleft palate patients**

Willti Okailey Ofei (University of Cambridge School of Clinical Medicine, United Kingdom)

**P-9-7**      **Changes in Nasalance Score with Growth after Furlow's Palatoplasty: A Retrospective Longitudinal Study**  
Nao Gojo

**P-10**  
[Prosthodontics]

Monday 20 October Poster Exhibition (B1F SAKURA)

**P-10-1**      **Withdrawn**

**P-10-2**      **Does implant treatment affect the bone grafting quantity?**  
Shunji Iida (Division of General Dentistry Center for Dental Clinics, Hokkaido University Hospital, Japan)

**P-10-3**      **Evaluating undergraduate dental students perceptions of the restorative management of cleft lip and/or palate patients**  
Esha Gogna (University of Birmingham, United Kingdom)

**P-10-4**      **PROSTHETIC TREATMENT OF VPI AND CONSTRUCTION OF A PHARYNGEAL BULB PROSTHESIS**  
Maria-Ines Pegoraro-Krook (Hospital for Rehabilitation of Craniofacial Anomalies - University of Sao Paulo, Brazil / Bauru School of Dentistry University of Sao Paulo, Brazil)

**P-10-5**      **Withdrawn**

**P-10-6**      **Barriers to Obturator Use in Adults with Unrepaired Cleft Palate: A Qualitative Study**  
Jonathan Diaz (Operation Smile, Inc., United States)

**P-11**  
[Surgery] Alveolar Bone Grafting 3

Monday 20 October Poster Exhibition (B1F SAKURA)

**P-11-1**      **A national survey of radiographic imaging protocols and CBCT usage in Alveolar Bone Grafting treatment**  
Olivia Johnson King (Great Ormond Street Hospital for Children, United Kingdom / Royal London Dental Hospital, United Kingdom)

**P-11-2**      **Withdrawn**

**P-11-3**      **Gingivoperiosteoplasty utilizing collagen matrix transplantation mixed with bone marrow aspirates for the alveolar cleft reconstruction**  
Yohei Ishikawa (Department of Plastic, Reconstructive and Aesthetic Surgery, Saitama Medical University, Japan)

**P-11-4**      **Withdrawn**

**P-11-5**      **Efficacy of alveolar bone grafting for unilateral cleft alveolus in pre-school-age patients.**  
Itaru Sone (Department of Plastic and Reconstructive Surgery, School of Medicine, Iwate Medical University, Japan, Japan)

**P-11-6**      **Premaxillary Osteotomy Fixation In Ectrodactyly, ectodermal dysplasia, cleft lip, and palate (EEC syndrome): A Case Report**  
Nurlidiah Md Ghazali (Oral Maxillofacial Surgery Department, Hospital Sultan Ismail, Malaysia)

<b>P-11-7</b>	<b>Bridging the gap through Alveolar Bone Grafting: Nepal and the UK.</b> Madhavi Kondapuram Seshu (Northwest England, Isle of Man, North Wales Cleft service, United Kingdom)
<b>P-11-8</b>	<b>Withdrawn</b>
<b>P-11-9</b>	<b>Withdrawn</b>
<b>P-11-10</b>	<b>Withdrawn</b>
<b>P-12</b>	<b>Monday 20 October Poster Exhibition (B1F SAKURA)</b> <b>[Surgery] Orthognathic Surgery 3</b>
<b>P-12-1</b>	<b>Recurrence of orthognathic surgery in unilateral cleft lip and palate patients: Is stability achievable?</b> Mireia Aznar Gomez (Hospital Sant Joan de Déu, Spain / Rivera-Marti, Alejandro, Spain / Moncunill-Mira, Jordi, Spain / Oliveros-Olivito, Fátima, Spain / Tobella-Camps, Luisa, Spain / Túnica-Garcias, Magalí, Spain / Rivera-Baró, Alejandro, Spain)
<b>P-12-2</b>	<b>Objective evaluation of dental and profile aesthetics following maxillary anterior segmental distraction osteogenesis for maxillary hypoplasia with cleft lip and palate</b> Atsushi Watanabe (Mohri Orthodontic Office, Tsukuba, Japan)
<b>P-12-3</b>	<b>Beyond the Maxilla : Unmasking the intriguing downstream effects of Maxillary Osteogenesis in cleft lip and palate on the Mandible</b> Veerendra Prasad (KING GEORGES MEDICAL UNIVERSITY, India)
<b>P-12-4</b>	<b>Low-dose CT for orthognathic planning: can it deliver lower dose than CBCT?</b> David Grimes (Evelina London Cleft Service, United Kingdom)
<b>P-12-5</b>	<b>A reliable and objective method of measuring soft tissue changes in 2D photographs after distraction osteogenesis in individuals with CL/P</b> Anna-Paulina Wiedel (Department of Clinical Sciences in Malmo, Lund University, Sweden / Department of Oral and Maxillofacial Surgery, Skane University Hospital, Sweden)
<b>P-12-6</b>	<b>Withdrawn</b>
<b>P-12-7</b>	<b>Fluid Dynamic Assessment of the Upper Airway in Adult Patients with Cleft Lip and Palate</b> Ryota Kawai (Department of Orthodontics, School of Dentistry, Showa University, Japan)
<b>P-12-8</b>	<b>Withdrawn</b>
<b>P-12-9</b>	<b>Withdrawn</b>

**P-13** Monday 20 October Poster Exhibition (B1F SAKURA)  
[Speech and VPF] Speech Assessment 3

**P-13-1** **Speech evaluation of 5-year-olds with UCLP: comparing two different surgical methods for two-stage palatal closure**

Cecilia Lindberg (Department of Otorhinolaryngology, Speech and Language Pathology, Region Västra Götaland, Sahlgrenska University Hospital, Sweden / Institute of Neuroscience and Physiology, Speech and Language Pathology Unit, Sahlgrenska Academy, University of Gothenburg, Sweden)

**P-13-2** **The Effect of Lexical Tone on Nasalance in Cantonese-Speakers: Does Sex Matter?**

Yuk Lam Norita Cheung (The Chinese University of Hong Kong, Hong Kong)

**P-13-3** **Speech production and intelligibility in internationally adopted children with and without cleft lip and palate**

Annakarin Larsson (Institute of Neuroscience and Physiology, Speech and Language Pathology Unit, Sahlgrenska Academy, University of Gothenburg, Sweden / Child Health Unit Västra Götalandsregionen, Regionhälsan, Region Västra Götaland,, Sweden)

**P-13-4** **Nasalance Scores in Brazilian Children with Cleft Palate and Normal Speech: Effects of Dialect and Gender**

Iara Lorca Narece (University of São Paulo, Brazil)

**P-13-5** **Change in timing of posterior pharyngeal flap surgery towards a younger age results in better speech sound outcome at 8 years of age and reduces burden of care.**

Berit Kildegaard Emborg (Cleft Palate Centre, Denmark)

**P-13-6** **Screening communication skills in children with cleft lip and/or palate from 12 months: Family engagement in early intervention, and outcomes at 2 and 5 years of age.**

Helen Claire Morris (Queensland Children's Hospital, Australia)

**P-13-7** **Auditory-Perceptual Changes in Hypernasality After Hyaluronic Acid Injection Pharyngoplasty in Adults With Cleft-Related Velopharyngeal Dysfunction**

Helena Aguiar Vilarinho (Department of Otorhinolaryngology, Unidade Local Saúde de São João, Portugal / University of Aveiro, Portugal)

**P-13-8** **Variability of speech production characteristics in children with cleft palate**

Tim Bressmann (University of Toronto, Canada)

**P-14** Monday 20 October Poster Exhibition (B1F SAKURA)  
[Speech and VPF] Speech Therapy 3

**P-14-1** **Telepractice with Face – to – Face Speech Correction via Application for Children with Cleft Lip and Palate during Pandemic of Covid – 19**

Benjamas Prathanee (Department of Otorhinolaryngology, Faculty of Medicine, Thailand)

**P-14-2** **Speech Mentorship: Evaluation and Reflections from a Three-year Collaborative Programme between Transforming Cleft (TC) and the International Association of Communication Sciences and Disorders (IALP)**

Neeti Daftari (Transforming Cleft, Canada)

**P-14-3** **Withdrawn**

<b>P-14-4</b>	<b>Interprofessional Collaboration for Velopharyngeal Dysfunction in a Child with 22q11.2 Deletion Syndrome</b> Maria Kawaji (Department of Rehabilitation, Kikuno Hospital, Japan)
<b>P-14-5</b>	<b>Unifying Speech-Language Therapists across sectors to deliver optimal, connected care: National Cleft guideline facilitates establishment of special interest group.</b> Bryony Louise Forde (Hutt Hospital, New Zealand)
<b>P-14-6</b>	<b>Development of palatal lift prosthesis with maxillary expansion function using optical impression for patients with submucous cleft palate and velopharyngeal dysfunction</b> Hirotaka Ueda (Department of Orthodontics, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan / Okayama University Hospital Advanced Cleft Lip and Cleft Palate Treatment Center, Japan)
<b>P-14-7</b>	<b>Withdrawn</b>
<b>P-15</b>	<b>Monday 20 October Poster Exhibition (B1F SAKURA)</b> <b>[Genetics] Epidemiology/Etiology 3</b>
<b>P-15-1</b>	<b>Withdrawn</b>
<b>P-15-2</b>	<b>Prevalence of Associated Abnormalities in Children with Orofacial Clefts in Slovenia: A 30-Year Retrospective Study</b> Nikola Reba (University Medical Centre, Slovenia)
<b>P-15-3</b>	<b>Epidemiology of Orofacial Clefts and Associated Anomalies in Slovenia (2014-2023)</b> Eva Versic (University of Ljubljana, Slovenia)
<b>P-15-4</b>	<b>Associated Congenital Anomalies in Children Born with Cleft Palate in Slovenia: 2014 - 2023</b> Eva Versic (Faculty Of Medicine, Slovenia)
<b>P-15-5</b>	<b>Withdrawn</b>
<b>P-15-6</b>	<b>Isolated Cleft Palate- A Call for Routine Cleft Genomics in LMICs</b> Oti Nimi Aria (Plastic and Reconstructive Surgery, Rivers State University Teaching Hospital, Nigeria)
<b>P-15-7</b>	<b>Clinical statistical observations in patients with microform cleft lip for 30 years in our hospital</b> Kenji Morita (Center for Cleft Lip and Palate Treatment, The University of Osaka Dental Hospital, Japan / Department of Oral and Maxillofacial Surgery, Graduate School of Dentistry, The University of Osaka, Japan)
<b>P-15-8</b>	<b>Withdrawn</b>

P-16		Monday 20 October Poster Exhibition (B1F SAKURA)
[Oral Health] 1		
P-16-1	<b>A comparison of tongue pressure between patients with cleft lip and palate before edgewise treatment and individuals with normal occlusion</b> Shoko Nakagawa (Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Medical and Dental Sciences, Kagoshima University, Japan)	
P-16-2	<b>Periodontal Characteristics in Adult Patients with Unilateral Cleft Lip and Alveolus and Unilateral Cleft Lip and Palate - a Split Mouth Study</b> Aja Conradi (Faculty of Medicine, Slovenia)	
P-16-3	<b>Standardising Cleft Lip and Palate Education: Insights from the UK for Global Dental Curricula</b> Joshua Kennedy (University of Bristol, United Kingdom)	
P-16-4	<b>Withdrawn</b>	
P-16-5	<b>Maximum lip-closure forces in children with cleft lip and palate</b> Kasumi Hasegawa (Division of Craniofacial Anomalies, Tohoku University Graduate School of Dentistry, Japan / Department of Orthodontics and Speech Therapy for Craniofacial Anomalies, Tohoku University Hospital, Japan)	
P-16-6	<b>Withdrawn</b>	
P-17		Monday 20 October Poster Exhibition (B1F SAKURA)
[Pediatric Dentistry]		
P-17-1	<b>Pharyngeal Bulb Prosthesis in Children with Cleft Lip and Palate During the Primary Dentition: Proposal for the Use of Resin Stops as an Additional Retention Method</b> Maria-Ines Pegoraro-Krook (Hospital for Rehabilitation of Craniofacial Anomalies - University of Sao Paulo, Brazil / Bauru School of Dentistry - University of Sao Paulo, Brazil)	
P-17-2	<b>APPLICATION OF INTRA-ORAL ULTRASOUND IN PATIENTS WITH CLEFT LIP AND PALATE: CASE REPORT</b> Marilia Yatabe (University of Michigan, United States)	
P-17-3	<b>Inter-Regional Hospital/Clinic Collaboration in Pediatric Dentistry, Orthodontics, and Oral Surgery for a Cleft Palate Patient Lacking Initial Dental Readiness Toward Alveolar Bone Grafting</b> Satoko Sumi (Section of Pediatric Dentistry, Department of Oral Growth and Development, Fukuoka Dental College, Japan)	
P-17-4	<b>Examination of Oral Health Data from Children with a Repaired Cleft Attending a Regional UK Cleft Unit, born in 2018, Collected at aged 3 and 5 Years</b> Jeanette Ann Mooney (Regional Cleft Unit, Manchester, United Kingdom)	
P-17-5	<b>The fate of upper anterior primary teeth in children with bilateral cleft lip and palate.</b> Joanna May (North West North Wales Cleft Network, United Kingdom)	

**P-17-6**      **Variations in dental care pathways and the impact of COVID-19 for 5-year-olds born with cleft in the United Kingdom**  
Sowmya Sarah Simon (University of Bristol, United Kingdom)

**P-18**      **Monday 20 October Poster Exhibition (B1F SAKURA)**  
**[Psychology/Neurology] Psychosocial Support 2**

**P-18-1**      **Withdrawn**

**P-18-2**      **Differences in Psychosocial Outcomes Between Age in Pediatric Patients with Clefts**  
James Thomas Antongiovanni (University of California Irvine Department of Plastic Surgery, United States / Washington State University Elson S. Floyd College of Medicine, United States)

**P-18-3**      **Effect of a Virtual Reality Operating Room Tour on Reducing Preoperative Anxiety in Patients**  
Atsushi Danjo (Department of Oral and Maxillofacial Surgery, Faculty of Medicine, Saga University, Japan)

**P-18-4**      **Clinical Psychology in the Planning of Cleft Rhinoplasty: Our Experience of Piloting a Pre-Surgery Psychology Pathway in the Evelina London Cleft Service**  
Jen Rundle (Evelina London Cleft Service, United Kingdom)

**P-18-5**      **Withdrawn**

**P-19**      **Monday 20 October Poster Exhibition (B1F SAKURA)**  
**Access to Care 3**

**P-19-1**      **Barriers to Care among Patients with Cleft Lip and Palate in Caregivers: Single Tertiary Centre in Malaysia**  
Daphne Dewi Stephen (Department of Plastic and Reconstructive Surgery, Hospital Umum Sarawak, Malaysia)

**P-19-2**      **Withdrawn**

**P-19-3**      **Withdrawn**

**P-19-4**      **Increasing access to cleft surgery and comprehensive care services through a hub and spoke model of care delivery: Lessons from West Bengal, India**  
Abhishek Sengupta (Operation Smile Inc, United States)

**P-19-5**      **Interactive Mapping of Cleft Lip and Palate Treatment Services in Brazil: Development of Informative Material to Improve Patient Access.**  
Renata Paciello Yamashita (Hospital for Rehabilitation of Craniofacial Anomalies, University of São Paulo, Brazil)

**P-19-6**      **From 'Heal the World' to Healing Together: Practical Cleft Care Collaboration between Nepal and the UK.**  
Joshua Kennedy (University of Bristol Dental Hospital, United Kingdom)

**P-19-7**      **Building Comprehensive Cleft Care in Antsirabe\_Madagascar : reality and perspective.**  
Nirina Adrien Mandrano (Association MITSIKY, Madagascar)

P-20  
[Data Management and Sharing]

Monday 20 October Poster Exhibition (B1F SAKURA)

- P-20-1**      **Cleft Lip and/or Palate Comorbidities in Congenital Disorders: Analysis of Japan's Universal Healthcare Database**  
Emiko Kikuchi (Division of Orthodontics, Department of Developmental Oral Health Science, School of Dentistry, Iwate Medical University, Japan)
- 
- P-20-2**      **Orofacial Cleft, 32 years of experience in a Portuguese Tertiary Referral Centre - Facing New Populations**  
Filipe Octavio Carneiro (Pediatric Department, Unidade Local de Saúde São João,, Portugal)
- 
- P-20-3**      **Clinical survey of CLCP patients in Department of Orthodontics, Okayama University Hospital: A comparison before and after the establishment of Advanced CLCP Treatment Center**  
Hirotaka Ueda (Department of Orthodontics, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan / Okayama University Hospital Advanced Cleft Lip and Cleft Palate Treatment Center, Japan)
- 
- P-20-4**      **An approach for the treatment of cleft lip and palate patients in okinawa red cross hospital**  
Kazuhide Nishihara (Department of oral and maxillofacial surgery, Okinawa red cross hospital, Japan)
- 
- P-20-5**      **International volunteer surgical project for patients with Cleft lip and/or palate in Ethiopia for 7 years.**  
Toshiro Kibe (Kagoshima University, Japan)
- 
- P-20-6**      **Outcomes of Tawanchai Cleft Center's financial management in the care patients with cleft lip and palate in 2021-2024**  
Nannalin Mungmanitmongkhon (Tawanchai Cleft Center, Thailand)
- 
- P-20-7**      **Novel 3D Quantitative and Qualitative Assessment of Palatal Morphology in Cleft Patients vs. Non-Cleft Controls**  
Susanna Botticelli (Cleft Lip and Palate Center, Denmark / Section of Orthodontics- Department of Dentistry and Oral Health- Aarhus University, Denmark)

P-21  
[Outcome Studies] 3

Monday 20 October Poster Exhibition (B1F SAKURA)

- P-21-1**      **Withdrawn**
- 
- P-21-2**      **Quality of Life an Impact Assessment: Smile Train India**  
Mamta Carroll (Smile Train India, India)
- 
- P-21-3**      **Mortality in Cleft Lip and Palate Patients: A Systematic Review and Meta-analysis**  
Alexander T Plonkowski (Department of Plastic and Maxillofacial Surgery, Children's Hospital of Los Angeles, United States / Operation Smile Inc., United States)
- 
- P-21-4**      **Simultaneous Medial Upward Advancement of Nasolabial Components of Primary Cleft Lip Repair**  
Saskia Paramita (Oral and Maxillofacial Surgery Department, Faculty of Dentistry, Universitas Indonesia, Indonesia)

**P-21-5**      **What we learned and future strategies for a good long-term outcomes of primary unilateral and bilateral cleft lip-nose repair**  
Bowornsilp Chowchuen (Department of Surgery, Faculty of Medicine, Khon Kaen University, Thailand)

**P-22**      **Tuesday 21 October Poster Exhibition (B1F SAKURA)**  
[Orthodontic] Growth 1

**P-22-1**      **Characteristics of the dentomaxillofacial morphology by a lateral cephalogram analysis at the beginning of orthodontic treatment in patients with cleft lip and/or palate**  
Yosuke Kunitomi (Department of Oral and Maxillofacial Surgery, Dokkyo Medical University School of Medicine, Japan / Department of Orthodontics, Graduate School of Medicine Dentistry and Pharmaceutical Sciences, Okayama University, Japan)

**P-22-2**      **Buccal Fat Pad Adjunctive Flap during Cleft Palate Repair: Effects on Maxillary Dimensions and Upper First Molar Eruption**  
Marilia Yatabe (University of Michigan, United States)

**P-22-3**      **GROWTH TRAJECTORY IN CHILDREN WITH CLEFT LIP AND/OR PALATE: A 25-YEAR COHORT SUBANALYSIS IN A TERTIARY REFERRAL CENTRE**  
Marta Coutinho Rodrigues (Pediatric Department, Unidade Local de Saúde Cova da Beira, Portugal, Portugal)

**P-22-4**      **Evaluation of the dental age of children born with complete unilateral cleft lip and palate in the Western Cape, South Africa.**  
Marwa Maki (University of the Western Cape, South Africa)

**P-22-5**      **Short-term effect of gingivoperiosteoplasty (GPP) on maxillary growth and dental arch morphology in UCLP children**  
Kiyonori Hanazawa (Division of Orthodontics Department of Human Development and Fostering Meikai University School of Dentistry, Japan)

**P-22-6**      **Dental arch relationship outcomes of 5-year-olds born with a Unilateral Cleft Lip and Palate using the Modified Huddart Bodenham Index following the centralization of cleft services within the United Kingdom.**  
Batol Kh Alattar (Department of Oral Sciences, University of Bristol, United Kingdom)

**P-22-7**      **Withdrawn**

**P-22-8**      **Effect of growth on symmetry of lip formation in patients with unilateral cleft lip and alveolus and unilateral cleft lip and palate**  
Haruka Ishii (Department Orthodontic, Tokyo Dental College, Japan)

**P-22-9**      **Gingivoperiosteoplasty and Maxillofacial Growth in Patients with Cleft Lip and Alveolus**  
Kanna Asanuma (Division of Orthodontics, Department of Developmental Oral Health Science, School of Dentistry, Iwate Medical University, Japan)

**P-22-10**      **Complete Bilateral Cleft Lip and Palate Patients Treated with the Two-Stage Milan Protocol: Long-Term Outcomes in Maxillary Growth, Morphology and Ossification**  
Federica Corradi (Regional Center for Cleft Lip and Palate, Fondazione Operation Smile Italia ETS, Department of Maxillo Facial Surgery, ASST Santi Paolo e Carlo – San Paolo Hospital, Italy)

P-23 Tuesday 21 October Poster Exhibition (B1F SAKURA)  
[Orthodontic] Orthodontic Tooth Alignment 1

- P-23-1**      **Orthodontic Treatment Using a Multi-Bracket Appliance in a Patient with Unilateral Cleft Lip and Alveolus and a Severely Displaced Maxillary Left Central Incisor: A Case Report.**  
Masahiro Takahashi (Department of orthodontics, School of Dentistry, Kanagawa Dental University, Japan)
- 
- P-23-2**      **Long-term Stability of Orthodontic Treatment in an Adult Cleft Palate Patient: A Case Report of an Approach with a Limited Target Area for Improvement**  
Koji Sumi (SUMI Orthodontic Clinic, Japan)
- 
- P-23-3**      **A case report of the orthodontic treatment of two sisters with Marfan syndrome**  
Yuri Yamamoto (Yamamoto Dental Clinic, Japan)
- 
- P-23-4**      **A case of conscious cleft lip and alveolar palpation in which buccal displacement of the maxillary opposite second molar was corrected using an orthodontic anchor screw**  
Naoko Nemoto (Department of Oral Function, Maxillofacial Orthodontics, Graduate School of Dentistry, Ohu University, Japan)
- 
- P-23-5**      **Esthetic and Functional Improvement through Lateral Arch Expansion and Anterior Prosthetic Restoration: A Case Report**  
Akihiko Fujita (Department of Orthodontics, Showa University School of Dentistry, Japan)
- 
- P-23-6**      **Clear Aligner Therapy in a Toddler with Congenital Teratoma and Open Bite Post-Palate Closure: A Novel Approach to Early Orthodontic Intervention**  
Miri Tzemach (Rambam Health Care Campus, Israel)
- 
- P-23-7**      **A case of oral-facial-digital syndrome (OFD) treated by orthodontics with alveolar bone grafting.**  
Naoto Haruyama (Section of Orthodontics and Dentofacial Orthopedics, Division of Oral Health, Growth and Development, Faculty of Dental Science, Kyushu University., Japan)
- 
- P-23-8**      **Interdisciplinary management of an adult patient with unilateral cleft lip and palate with a large alveolar bone defect**  
Vinay Kumar Chugh (All India Institute of Medical Sciences, India)

P-24 Tuesday 21 October Poster Exhibition (B1F SAKURA)  
[Orthodontic] Pre-surgical Orthopedics 1

- P-24-1**      **Withdrawn**
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- P-24-2**      **Feasibility of Cleft Repair in Patients Undergoing Nasoalveolar Molding: Surgeon Perspectives**  
Jeremiah Y. Kim (Montefiore Medical Center / Albert Einstein College of Medicine, United States)
- 
- P-24-3**      **ANALYSIS OF THE IMPACT OF PRE-OPERATIVE ORTHODONTIC PREPARATION ON CHANGES IN THE MAXILLARY PARAMETER VALUES IN CHILDREN WITH BCLP FROM 0 TO 6 MONTHS OF AGE**  
Nika Zgojznik (University of Ljubljana, Faculty of Medicine, Slovenia)

**P-24-4**      **Clinical effectiveness of a palatal plate with a nasal stent used as preoperative correction for with cleft lip and palate patient**  
Joji Nakama (Department of Oral & Maxillofacial Surgery, Okinawa Prefectural Chubu Hospital, Japan / Okinawa Prefectural Craniomaxillofacial Surgery Center, Japan)

**P-24-5**      **Three-Dimensional Changes in Nasal Morphology and Lip Form in Presurgical Orthodontic Treatment - Evaluation Using Facial Scanning with an Intraoral Scanner**  
Masahiro Mizuhara (Division of Orofacial Functions and Orthodontics, Kyushu Dental University, Japan)

**P-24-6**      **Long-term Management of a R-CLAP Patient Using an Active Presurgical Orthopedic Appliance**  
Nobuyuki Ishii (Ishii Ortho-Pedo Dental Clinic, Japan)

**P-24-7**      **3D Printed Sequential NAMs Using Non-Proprietary Software: An Accessible Digital Workflow**  
Idrys Durrani (Montefiore Medical Center, United States)

**P-24-8**      **Anterior maxillary distraction for cleft maxillary hypoplasia**  
Aufa Dahlia Bahar (Universiti Malaya, Malaysia)

**P-25**      **Tuesday 21 October Poster Exhibition (B1F SAKURA)**  
**[Craniomaxillofacial] Craniomaxillofacial Surgery 1**

**P-25-1**      **Withdrawn**

**P-25-2**      **Withdrawn**

**P-25-3**      **Withdrawn**

**P-25-4**      **A Case of Rare Congenital Syngnathia**  
Karla Aurine Haynes (Childrens Hospital Los Angeles, United States)

**P-25-5**      **Redefining Oral Aesthetics: Functional and Aesthetic Reconstruction of Bilateral Cleft Commissures Using Modified Z-Plasty Commissuroplasty**  
Aakash Britto A (All India Institute of Medical Sciences, India)

**P-25-6**      **Withdrawn**

**P-25-7**      **Withdrawn**

**P-26**      **Tuesday 21 October Poster Exhibition (B1F SAKURA)**  
**[Craniomaxillofacial] Robin Sequence 1**

**P-26-1**      **Genetic landscape of Robin sequence – a systematic literature review**  
Shirley Van De Velde (University Medical Center Utrecht, Netherlands)

**P-26-2**      **The Cumulative Burden of Comorbidities on Outcomes After Mandibular Distraction Osteogenesis in Robin Sequence**  
Asli Pekcan (Keck School of Medicine of USC, United States)

P-26-3 Withdrawn

P-26-4 Withdrawn

**P-26-5 Improvement of severe upper airway obstruction in an infant with Pierre Robin Sequence using an orthodontic airway plate: a case report**

Thao Thi Nhu Dinh (Odonto-stomatology department, Children's hospital 1, Vietnam)

P-26-6 Withdrawn

P-26-7 Withdrawn

**P-27**  
[Surgery] Ear Reconstruction 1

Tuesday 21 October Poster Exhibition (B1F SAKURA)

**P-27-1 Regional Differences in Costal Cartilage Chondrocytes: The Influence of Harvest Site Location on Chondrocyte Properties and Function**

Ashton Rosenbloom (Center for Tissue Engineering, Department of Plastic Surgery, University of California, Irvine, United States)

**P-27-2 Molding the Narrative: Revisiting Age Limits for Infant Ear Correction**

Lana S Mamoun (University of California Irvine, Department of Plastic Surgery, United States)

**P-27-3 The Relationship Between Microtia and Complex Chronic Conditions: A Comprehensive Analysis of 20,000 Patients**

Chizoba A Mosieri (Louisiana State University Health Science Center Shreveport, United States)

**P-27-4 Patient and Family Perspectives on Tissue Engineering in Microtia Reconstruction**

Arya Ali Sherafat (Department of Plastic Surgery, University of California Irvine Medical Center, United States)

**P-27-5 The Use of Acellular Dermal Matrix in Microtia Reconstruction to Decrease Donor Site Morbidity after Temporal Fascia Harvest**

Marta Cajozzo (Plastic and Maxillofacial Surgery Unit, Cleft and Craniofacial Center, Bambino Gesù Children's Hospital, Italy, Italy)

P-27-6 Withdrawn

**P-27-7 New strategies for 3D frame fabrication of Microtia Ear Reconstruction**

Trimartani Koento (Facial Plastic & Reconstructive Consultant, Department of ORL-HNS, Faculty of Medicine, Universitas Indonesia / Dr Cipto Mangunkusumo Hospital)

**P-28**  
[Surgery] Lip and Nose Revision 1

Tuesday 21 October Poster Exhibition (B1F SAKURA)

**P-28-1 Vermilion tubercle reconstruction with a vermilion flap transferred vertically in cleft lip secondary repair**

Jia Zhou (Shanghai Ninth People's Hospital, Shanghai JiaoTong University School of Medicine, China)

P-28-2 Withdrawn

P-28-3	<b>Withdrawn</b>
P-28-4	<b>Clinical Application of Autologous Dermis-Fat Graft in Lip and Nose Revision; A Case Series</b> Putu Trisna Utami (Bali Mandara General Hospital, Indonesia)
P-28-5	<b>Experience in the Correction of external nasal deformity for Cleft Lip Patients</b> Yoshikazu Inoue (Fujita Health University, Japan)
P-28-6	<b>Change in Patient - Quality of Life Rhinoplasty in Unilateral and Bilateral Cleft Lip</b> Santi Anggraini (Hasanuddin University, Indonesia / Vera Julia, Indonesia)
P-28-7	<b>Challenges And Surgical Strategies In Rhinoplasty For Cleft Patients With Mestizo Nasal Characteristics In Complex Cases</b> Javier Andres Meza-Hernandez (Faculty of Medicine, National Autonomous University of Mexico, Mexico)
P-28-8	<b>Using Contralateral Conchal Cartilage to Restore the Biomechanical Structure of Unilateral Cleft Nose</b> Congzhen Qiao (Shanghai 9th People's Hospital, China)
<b>P-29 Tuesday 21 October Poster Exhibition (B1F SAKURA)</b>	
<b>[Surgery] Primary Lip Surgery 1</b>	
P-29-1	<b>International nursing exchange</b> Emily Sophie Wendel (Department of Paediatric Surgery, Copenhagen University Hospital, Denmark)
P-29-2	<b>Use of 3D Software: Cristalix for Pre and Postoperative Craniofacial Anthropometric Measurement as an Outcome Analysis Tool in Cleft Lip and Palate Patients.</b> Sthephany Flores Saavedra (Hospital Dr. Manuel Gea Gonzalez, Mexico)
P-29-3	<b>What's in a Name Part 1: A Scoping Review of Published Unilateral Cleft Lip Repair Techniques.</b> Priyanka Naidu (Department of Plastic and Reconstructive Surgery, USC Keck School of Medicine, United States / Operation Smile Inc., United States)
P-29-4	<b>Upper Lip Changes in Patients with Dentofacial Deformities after LeFort 1 Maxillary Osteotomy</b> Kelsey Marie Green (Department of Surgery, The Craniofacial Center, Division of Plastic, Cosmetic, and Reconstructive Surgery, The University of Illinois Chicago, United States)
P-29-5	<b>Regional Variations in Cleft Lip and Palate Repair Technique: A Mixed-Methods Study of International Volunteer Surgeons</b> Alexander T Plonkowski (Department of Plastic and Maxillofacial Surgery, Children's Hospital of Los Angeles, United States / Operation Smile Inc., United States)
P-29-6	<b>Primary Repair of Unilateral Complete Cleft Lip Nasal Deformity: Application of Fisher Method with Nasal Cantilever Technique.</b> Bijoy Krishna Das (Smile Train New Life Hospital Cleft Center, Bangladesh / Evercare Hospital, Dhaka, Bangladesh)



**P-30-9**      **Three-dimensional morphological changes in nasopharyngeal airway and speech function after maxillary distraction osteogenesis in patients with cleft lip and palate**  
Shiori Okubo (Department of Maxillofacial Orthognathics, Graduate School of Medical and Dental Sciences, Institute of Science Tokyo, Japan)

**P-30-10**      **Is YouTube a valuable information resource for orthognathic surgery in cleft lip and palate patients?**  
Francine Jones (Orthodontic Department, Royal London Dental Hospital, BARTs Health NHS Trust, United Kingdom)

**P-31**      **Tuesday 21 October Poster Exhibition (B1F SAKURA)**  
**[Speech and VPF] Speech Assessment 1**

**P-31-1**      **Reliability and validity of the CAPS-A-Dutch in clinical practice and for research purposes in the Netherlands**  
Susanna Adriana Van Der Kooij (Amsterdam UMC, Netherlands)

**P-31-2**      **Speech outcomes in foreign-born five-year-old children with cleft palate with or without cleft lip: a retrospective registry study**  
Louise Madeleine Lendt (Division of Speech Language Pathology, Phoniatrics and Audiology, Department of Clinical Sciences in Lund, Sweden / Division of Speech Language Pathology, Department of Otorhinolaryngology, Skåne University Hospital, Sweden)

**P-31-3**      **Speech outcomes for people born with bilateral cleft lip and palate: a scoping review**  
Stephanie Van Eeden (Newcastle University, United Kingdom)

**P-31-4**      **The Relationship between Perceptual Ratings of Nasality and Nasalance and the Diagnostic Accuracy of Nasometry for Cleft Palate and Normal Cantonese Speaking Children**  
Oi Yan Yiu (Hong Kong Children's Hospital, Hong Kong)

**P-31-5**      **Developing a Reliable, Applicable and Validated Word Assessment for Children with Cleft Lip and/ or Palate; Spoken Sinhala Language (WACLP SIN)**  
Malka Jayathilake (Lady Ridgeway Hospital for Children, Sri Lanka)

**P-31-6**      **Withdrawn**

**P-31-7**      **Speech results in 10-year-old children with isolated cleft palate**  
Terhi Evakoski (Cleft palate and Cranifacial Center Department of Plastic Surgery Helsinki University Hospital, Finland)

**P-31-8**      **Withdrawn**

**P-31-9**      **Acoustic Voice Parameters in Children with Cleft Lip and Cleft Palate from the Oral Canal of a Nasometer (RoseMedical Ltd.).**  
Ana Maria Tejero (UNIVERSITY OF VALENCIA. DENTAL SCHOOL. ORTHO DEPARTMENT, Spain)

**P-32**  
[Speech and VPF] Speech Therapy 1

Tuesday 21 October Poster Exhibition (B1F SAKURA)

- P-32-1**      **Parent-implemented Early Intervention among Mandarin Speaking Infants and Toddlers with Cleft Lip and/or Palate:Based on the Intervention Mapping**  
Siwei Ma (Department of Speech and Language Disorders College of Stomatology, Xi'an Jiaotong University, China)
- 
- P-32-2**      **Preliminary Survey of Hong Kong and Macao Speech Therapists' Training and Individual Experiences in the Assessment and Treatment of Cleft Lip and Palate / Velopharyngeal Dysfunction**  
Wai Ki Vicki Chan (The Chinese University of Hong Kong, Hong Kong)
- 
- P-32-3**      **Dynamic Assessment of Phoneme Modifiability through Combined Phonological Awareness and Production Techniques in a Child with Cleft Lip and Palate: A Case Study**  
Violet Priscilla S (Sri Ramachandra Institute of Higher Education and Research, India)
- 
- P-32-4**      **Withdrawn**
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- P-32-5**      **Withdrawn**
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- P-32-6**      **Adaptation of Pharyngeal Bulb Prosthesis Treatment in Patients with Velopharyngeal Insufficiency of Various Ages and Etiologies: From Cleft Lip and Palate to Oncology Patients; A Case Series.**  
Camila Antonia Richards (Fundación Gantz, Chile)
- 
- P-32-7**      **Complexity approach to target selection in speech intervention for a child with cleft lip and palate (CLP) and severe speech sound disorder (SSD)**  
Pernille Hartmann Pedersen (Copenhagen Cleft Palate Centre, Copenhagen University Hospital – Rigshospitalet, Denmark)

**P-33**  
[ENT] Audiology

Tuesday 21 October Poster Exhibition (B1F SAKURA)

- P-33-1**      **Hearing in cleft lip and palate: long-term results in the conditions with and without auditory ventilation tube**  
Maria-Ines Pegoraro-Krook (Hospital for Rehabilitation of Craniofacial Anomalies - University of Sao Paulo, Brazil / Bauru School of Dentistry - University of Sao Paulo, Brazil)
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- P-33-2**      **Prevalence of Hearing Loss in Children With Repaired Cleft Palate**  
Luiz Lourencone (Hospital for Rehabilitation of Craniofacial Anomalies (HRAC), University of São Paulo, Brazil)
- 
- P-33-3**      **Assessment and Treatment of Audiological problems in Cleft lip and Palate Patients in Nigeria - A neglected area in comprehensive cleft care**  
Ifeanyi Edwin Enyanwuma (Alex Ekwueme federal university teaching hospital, Nigeria)

**P-34**  
[ENT] Otitis Media

Tuesday 21 October Poster Exhibition (B1F SAKURA)

**P-34-1**      **Withdrawn**

**P-34-2**      **Long term follow-up of Ventilation Tube Insertion in Cleft Lip and Palate Patients with Otitis Media Effusion**

Momoko Kageyama (Department of Otorhinolaryngology, Shizuoka Children's Hospital, Japan)

**P-34-3**      **Otologia Outcomes in Cleft Palate**

Luiz Lourencone (Hospital for Rehabilitation of Craniofacial Anomalies (HRAC), University of São Paulo, Brazil / Bauru School of Medicine (FMBRU-USP), University of São Paulo, Brazil)

**P-34-4**      **Investigating the impact of otitis media with effusion and hearing loss on speech outcomes at age 5 in 156 consecutive non-syndromic patients with a cleft palate.**

Sarah-Jayne Edmondson (Evelina London Cleft Service, United Kingdom)

**P-35**  
[Genetics] Epidemiology/Etiology 1

Tuesday 21 October Poster Exhibition (B1F SAKURA)

**P-35-1**      **Withdrawn**

**P-35-2**      **Copy Number Variants Linked to Neurodevelopmental Disorders and their Implications for Cleft Lip and/or Palate**

Evie Stergiakouli (Cleft Collective, United Kingdom / Population Health Sciences, Bristol Medical School, University of Bristol, United Kingdom / MRC Integrative Epidemiology Unit, University of Bristol, United Kingdom)

**P-35-3**      **Familial Recurrence and Multiple Births in Cleft Lip and Palate: A Survey from The University of Tokyo Hospital**

Sachi Oshima (Hospital Department of Oral-Maxillofacial Surgery, The University of Tokyo and Orthodontics, Japan)

**P-35-4**      **Unraveling the Genetic Basis of Cleft Lip and Palate Anomaly**

Sujan Das (KALINGA INSTITUTE OF DENTAL SCIENCES, India)

**P-35-5**      **Chromosomal Microarray Analysis in Cleft Palate Only**

Eileen Ailin Tang (Division of Plastic and Reconstructive Surgery, The Hospital for Sick Children (SickKids), Canada / Temerty Faculty of Medicine, University of Toronto, Canada)

**P-35-6**      **Three-Dimensional Analysis of Facial Anthropometric Changes in Cleft Lip and Palate Patients After Maxillary Advancement Surgery.**

Osmani Andres Castillo-Garrido (Hospital General Dr. Manuel Gea Gonzalez, Mexico)

**P-35-7**      **Withdrawn**

**P-35-8**      **Volumetric Assessment of Paranasal Sinuses in Patients with Unilateral and Bilateral Cleft Lip and Palate**

Caroline Paula Oliveira Gringo (Hospital of Craniofacial Anomalies Rehabilitation, Brazil)

**P-36**  
[Family Support]

Tuesday 21 October Poster Exhibition (B1F SAKURA)

**P-36-1 Building Capacity to Navigate Bullying in Children with Clefts: Outcomes from a Caregiver Workshop**

Josephine Cheng Hwee Tan (KK Women's and Children's Hospital, Singapore)

**P-36-2 Risk of self-harm ideation in mothers of children with cleft lip and palate: the Japan environment and children's study**

Shinobu Tsuchiya (Department of Orthodontics and Speech Therapy for Craniofacial Anomalies, Tohoku University Hospital, Japan / Division of Craniofacial Anomalies, Tohoku University Graduate School of Dentistry, Japan)

**P-36-3 Integrating Infant Massage into the Care of Families with Children born with Cleft Lip/ Palate**

Sarah Vetter (Ann & Robert H. Lurie Children's Hospital of Chicago, United States)

**P-36-4 How an app-based care guide can empower parents expecting a child with a cleft - and alter cleft nurse specialist consultations**

Tine Pilegaard Juul (Cleft Palate Centre, Denmark)

**P-36-5 A case of baby with Trisomy 13 with bilateral cleft lip and palate performed cheiloplasty on the first child of a Nepalese student couple.**

Mana Hayakawa (Division of Oral Medicine, Kyushu Dental University, Japan)

**P-36-6 Introducing short films and illustrated books as a tool to prevent or minimize stress, fear and trauma.**

Lars Enok Angel Alarcon Agerbo (Rigshospitalet, Denmark)

**P-36-7 Knowledge and cultural belief among caretakers with Cleft Lip and Palate**

Daphne Dewi Stephen Kalog (Department of Plastic and Reconstructive Surgery, Hospital Umum Sarawak, Malaysia)

**P-36-8 Caregivers Experiences with an Informational Guide on Cleft Lip and Palate: A Mixed-Methods Study in Chile**

Felipe Inostroza-Allende (Departamento de Fonoaudiología, Facultad de Medicina, Universidad de Chile, Chile / Fundación Gantz, Hospital del Niño con Fisura, Chile / Departamento de Fonoaudiología, Faculdade de Odontologia de Bauru, Universidade de São Paulo, Brazil)

**P-37**  
[Patient Reported Outcome] 1

Tuesday 21 October Poster Exhibition (B1F SAKURA)

**P-37-1 Withdrawn**

**P-37-2 Evaluation of patient reported outcomes measures for cleft-lip-palate patients in orthodontic retention**

Balraj Gill (The Royal London Dental Hospital, United Kingdom)

**P-37-3**      **Evaluating Facial Anthropometric Measurements with Self-Reported Perceptions of Appearance and Health-Related Quality of Life for Youth and Adults Living with Cleft Lip and/or Palate Using the CLEFT-Q**  
Alexandra D'Souza (Division of Plastic and Reconstructive Surgery, The Hospital for Sick Children (SickKids), Canada / Division of Plastic, Reconstructive and Aesthetic Surgery, Department of Surgery, Temerty Faculty of Medicine, University of Toronto, Canada)

**P-37-4**      **Withdrawn**

**P-37-5**      **Two cases of preoperative nasal molding before primary cheiloplasty in median cleft lip associated with holoprosencephaly**  
Kenji Morita (Center for Cleft Lip and Palate Treatment, The University of Osaka Dental Hospital, Japan / Department of Oral and Maxillofacial Surgery, Graduate School of Dentistry, The University of Osaka, Japan)

**P-37-6**      **Withdrawn**

**P-37-7**      **Test-Retest Reliability for CLEFT-Q: Preliminary Data**  
Malin Schaar Johansson (Lund University, Sweden / Skåne University Hospital, Sweden)

**P-37-8**      **Withdrawn**

**P-38**      **Tuesday 21 October Poster Exhibition (B1F SAKURA)**  
[Patient Support Group]

**P-38-1**      **Significance of Outpatient Psychology in Plastic Surgery and Problems in Rural Areas**  
Kenji Muraki (Miyagi Children's Hospital, Japan)

**P-38-2**      **Cleft Lip and Palate Treatment at Okinawa Prefectural Hospital Group Dental and Oral Surgery Department**  
Takeshi Kano (Department of Dentistry and Oral Surgery, Okinawa Prefectural Yaeyama Hospital, Japan / Okinawa Prefectural Craniomaxillofacial Surgery Center, Japan)

**P-39**      **Tuesday 21 October Poster Exhibition (B1F SAKURA)**  
[Psychology/Neurology] Psychological Assessment

**P-39-1**      **Use of Bayley-4 in Screening for Early Concerns for Autism in Children with Single Suture Craniosynostosis**  
Alexis Johns (Children's Hospital Los Angeles, United States)

**P-39-2**      **Understanding the cleft related psychological need in families attending newborn cleft clinic in the West Midlands**  
Rebecca Hodgetts (Birmingham Childrens Hospital, United Kingdom)

**P-39-3**      **ANATOMICAL AND PSYCHOLOGICAL ANALYSIS OF ADOLESCENT PATIENTS WITH CLEFT LIP AND PALATE: A COMPARATIVE CROSS-SECTIONAL STUDY**  
Ana Maria Tejero (UNIVERSITY OF VALENCIA . DENTAL SCHOOL. ORTHO DEPARTMENT, Spain)

**P-39-4**      **Effects of cleft lip and palate on psychological assessments in patients before edgewise treatment**  
Sayaka Hino (Department of Orthodontics, Center of Developmental Dentistry, Kagoshima University Hospital, Japan)

**P-39-5**      **Implementation of Mental Health Screening in Cleft Clinics**  
Farah Sheikh (Division of Plastic and Reconstructive Surgery, The Hospital for Sick Children (SickKids), Canada)

**P-39-6**      **Withdrawn**

**P-39-7**      **Visual Attention and Psychosocial Responses to Cleft and Non-Cleft Pediatric Faces: A Combined Eye-Tracking and Questionnaire-Based Study**  
Chih-Kai Hsu (Department of Plastic and Reconstructive Surgery and Craniofacial Research Center, Chang Gung Memorial Hospital, Chang Gung University, Taiwan)

**P-40**  
Access to Care 1

Tuesday 21 October Poster Exhibition (B1F SAKURA)

**P-40-1**      **How Environment Shapes Development: A Prospective Study Examining The Influence Of Neighborhood-Level Disadvantage On Brain And Language Development In Children With Cleft Lip & Palate**  
Tobi Joshua Somorin (UPMC Children's Hospital of Pittsburgh, United States)

**P-40-2**      **Timeliness of Cleft Surgical Care in Latin America: A Regional Analysis**  
Maria Esther Cabrera (Operation Smile Inc, United States)

**P-40-3**      **Breaking Barriers: The Role of Financial and Geographical Factors on Accessing Cleft Surgical Care in Latin America**  
Carlos Ivan Barahona Cortes (Operation Smile Inc, United States)

**P-40-4**      **Transitioning to Adult Care for Patients with Cleft Lip and/or Palate: Determining Needs and Establishing Priorities for a Care Improvement Initiative**  
Simone Fischbach (Division of Plastic and Reconstructive Surgery, The Hospital for Sick Children (SickKids), Canada / Department of Speech-Language Pathology, Temerty Faculty of Medicine, University of Toronto, Canada)

**P-40-5**      **The Role of International Fellowships in Expanding Cleft and Craniofacial Surgery Capacity in Low- and Middle-Income Countries: Training the Trainer**  
Greta L Davis (Division of Plastic Surgery, Department of Surgery, University of California San Francisco, United States / Operation Smile Inc., United States)

**P-40-6**      **Use of a surgical indicator to guide strategic investment into surgical systems strengthening: a modeling study examining access to safe cleft surgery**  
Greta L Davis (Division of Plastic and Reconstructive Surgery, Department of Surgery, University of California San Francisco, United States / Operation Smile Inc., United States)

**P-40-7**      **Unveiling Patient Perspectives: A Multinational Cross-Sectional Analysis of Patient Experiences Undergoing Cleft Care by All-Women Surgical Teams**  
Laura Herrera Gomez (University of Southern California, United States / Operation Smile International, United States)

**P-40-8**      **The importance of Cleft Lip and Palate Awareness and Cleft Combined Clinic in Sarawak, Malaysia**  
Daphne Dewi Stephen Kalong (Department of Plastic and Reconstructive Surgery, Hospital Umum Sarawak, Malaysia)

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**P-40-9**      **Withdrawn**

**P-41**      **Tuesday 21 October Poster Exhibition (B1F SAKURA)**  
[Outcome Studies] 1

**P-41-1**      **Validity and Correlation of Dental Arch Relationship Indices: A Comparative Study in Unilateral Cleft Lip and Palate**  
Krispiyakorn Sangharn (School of Pediatric Oral Health, Institute of Dentistry, Suranaree University of Technology., Thailand / Division of Orthodontics, Department of Preventive Dentistry, Faculty of Dentistry, Khon Kaen University., Thailand)

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**P-41-2**      **Withdrawn**

**P-41-3**      **Withdrawn**

**P-41-4**      **Sustaining mission-based cleft care during the COVID-19 pandemic: the Operation Smile Experience**  
Marvee Turk (Division of Plastic and Reconstructive Surgery, USC Keck School of Medicine, United States)

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**P-41-5**      **Withdrawn**

**P-41-6**      **The retrospective study of clinical manifestations of amniotic band syndrome in oral and maxillofacial region**  
Shuang Yang (Department of Oral and Maxillofacial Surgery, Peking University School and Hospital of Stomatology, China)

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**P-41-7**      **Evaluation of Nasolabial Aesthetics and Self-Image Satisfaction among 8-to 12-Year-Old Patients with Cleft Lip and Palate in Northeast Thailand**  
Suteera Pradubwong (Tawanchai Cleft Center, Khon Kaen University, Thailand, Thailand)

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**P-41-8**      **Analysis of maxillary growth in patients with unilateral cleft lip and palate treated with palatoplasty versus palatopharyngoplasty between 11 and 18 months of age.**  
Fabiola Olivares Rivera (Hospital para el niño Toluca, Mexico)

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**P-41-9**      **Assessment of nasolabial appearance in patients with complete unilateral cleft lip and palate based on standardized photographic views**  
Fabiola Olivares Rivera (Hospital para el niño de Toluca, Mexico / Hospital para el niño de Toluca, Mexico)

**P-42**      **Wednesday 22 October Poster Exhibition (B1F SAKURA)**  
[Orthodontic] Growth 2

**P-42-1**      **The effect of the difference in cleft type between UCLA and UCLP on the development of the paranasal sinuses and eustachian tube and mastoid apices.**  
Aoi Kobayashi (Department of Orthodontics, Tokyo Dental College, Japan)

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<b>P-42-2</b>	<b>Craniofacial growth and hypodontia in patients with Van der Woude syndrome</b> Malin Vesterbacka (Division of Orthodontics, Department of Dental Medicine, Karolinska Institutet, Sweden)
<b>P-42-3</b>	<b>Assessment of the GOSLON Yardstick for Individuals born with Unilateral Cleft Lip and Palate at 10 years of age in the Swedish Quality Registry for Cleft Lip and Palate</b> Marie Pegelow (Karolinska Institutet, Sweden)
<b>P-42-4</b>	<b>Impact of Initial Lip Asymmetry on Long-Term Lip Symmetry in Unilateral Cleft Lip and Alveolus Patients: An Orthodontic Perspective</b> Yusei Kobayashi (Department of Orthodontics, Tokyo Dental College, Japan)
<b>P-42-5</b>	<b>Assessment of dental arch relationships in individuals with unilateral cleft lip and palate in the Western Cape, South Africa</b> Mpatikana Leslie Galane (University of the Western Cape, South Africa)
<b>P-42-6</b>	<b>Withdrawn</b>
<b>P-42-7</b>	<b>Post-Operative Weight Loss in Patients with Cleft Lip and Palate Undergoing Orthognathic Surgery: A Retrospective Analysis</b> Alexander Velazquez (The University of Texas Southwestern Medical Center, United States / University of Mississippi Medical Center, United States)
<b>P-42-8</b>	<b>Early Orthodontic Intervention During the Deciduous Dentition Stage in Patients with Cleft Lip and Palate</b> Takanobu Haruki (Haruki Dental office for Children, Japan)
<b>P-42-9</b>	<b>Cranial Base Angle in Cleft lip and palate patients</b> Vignesh Kailasam (Sri Ramachandra Institute of Higher Education and Research, India)
<b>P-42-10</b>	<b>Development of an Artificial Intelligence Based Algorithm for the assessment of skeletal age and detection of cervical vertebral anomalies in patients with cleft lip and palate</b> Garima Arora (Manav Rachna Dental College, MRIIRS, India)
<b>P-43</b>	<b>Wednesday 22 October Poster Exhibition (B1F SAKURA)</b> <b>[Orthodontic] Orthodontic Tooth Alignment 2</b>
<b>P-43-1</b>	<b>Long-Term Effect of Maxillary Protraction Appliance Therapy in Patients With Cleft Lip and Palate Repair by Modified Furlow's technique.</b> Issei Takahashi (Ishiwata Orthodontic clinic, Japan)
<b>P-43-2</b>	<b>Influence of Preoperative Lip Asymmetry on Morphological Symmetry Following Growth and Treatment in Patients with Unilateral Cleft Lip and Alveolus</b> Takanori Himeno (Department of Orthodontics, Tokyo Dental College, Japan)
<b>P-43-3</b>	<b>Long-Term Comprehensive Treatment of an Isolated Cleft Palate Patient with Severe Crowding and Short-Root Anomaly: A Case Report</b> Setsuko Uematsu (Osaka Women's Children's Hospital, Japan)
<b>P-43-4</b>	<b>Long-term follow-up report of a case of BCLP treated with Premaxilla Repositioning.</b> Ryo Nagahama (Department of Orthodontics, Showa Medical University School of Dentistry University, Japan)

<b>P-43-5</b>	<b>A case of Improving Dental Arch form in a Cleft Lip and Palate Patient Using Surgically Assisted Rapid Palatal Expansion (SARPE)</b> Kana Kono (Department of Orthodontics, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Japan / Okayama University Hospital Advanced Cleft Lip and Cleft Palate Treatment Center, Japan)
<b>P-43-6</b>	<b>Withdrawn</b>
<b>P-43-7</b>	<b>Preclinical evaluation of early tooth movement into alveolar cleft defect: a Wistar rat study</b> Natthawee Phaoseree (Khonkaen University, Thailand)
<b>P-43-8</b>	<b>Multiplanar reconstruction analysis to evaluate the alveolar cleft site and to assess the outcome of alveolar bone grafting</b> Vesna-Lea Ferrer (Oregon Health & Science University, School of Dentistry, Division of Orthodontics, United States)
<b>P-44</b>	<b>Wednesday 22 October Poster Exhibition (B1F SAKURA) [Orthodontic] Pre-surgical Orthopedics 2</b>
<b>P-44-1</b>	<b>Withdrawn</b>
<b>P-44-2</b>	<b>Evaluation of Non-Cleft Nostril Alterations Following Nasoalveolar Molding (NAM)</b> Idrys Durrani (Montefiore Medical Center, United States)
<b>P-44-3</b>	<b>Side Effects of Plate Therapy in Infants with Craniofacial Anomalies: A Retrospective Study</b> Maite Aretxabaleta (University Hospital Tuebingen, Germany / Center for Cleft Lip, Palate and Craniofacial Malformations; University Hospital Tuebingen, Germany)
<b>P-44-4</b>	<b>Withdrawn</b>
<b>P-44-5</b>	<b>Withdrawn</b>
<b>P-44-6</b>	<b>Impact of Three Types of Presurgical Infant Orthopedics on Nasolabial Appearance in Unilateral Cleft Lip and Palate: A 4-Year Follow-Up Study</b> Dhruv Ahuja (Manav Rachna Dental College, Manav Rachna International Institute of Research and Studies, India)
<b>P-44-7</b>	<b>Withdrawn</b>
<b>P-45</b>	<b>Wednesday 22 October Poster Exhibition (B1F SAKURA) [Cranio-maxillofacial] Cranio-maxillofacial Surgery 2</b>
<b>P-45-1</b>	<b>Withdrawn</b>
<b>P-45-2</b>	<b>Paediatric Cranioplasty Combining 3D-printed Polycaprolactone with Autologous Bone Graft for Large Cranium Defects</b> Mei Ling Loh (KK Women's and Children's Hospital, Singapore)
<b>P-45-3</b>	<b>Withdrawn</b>

**P-45-4**      **Clock Gene Regulation as a Potential Mechanism for Accelerating Dermal Wound Healing**  
Akishige Hokugo (David Geffen School of Medicine at UCLA, United States)

**P-45-5**      **Isolated orbital roof fracture with concurrent orbital compartment syndrome: Case study and surgical technique**  
Sondus Abdallah Al Jadeedi (Department of Plastic and Reconstructive Surgery, craniofacial surgery and burn, Khoula Hospital, Oman)

**P-45-6**      **A case of a cleft lip and palate patient with maxillary anterior segmental distraction osteogenesis and Le Fort I osteotomy to improve midfacial deficiency**  
Yuki Shiraishi (Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, The University of Osaka, Japan)

**P-45-7**      **Withdrawn**

**P-46**      **Wednesday 22 October Poster Exhibition (B1F SAKURA)**  
**[Craniomaxillofacial] Robin Sequence 2**

**P-46-1**      **Predictive Modeling of Mandibular Distraction Osteogenesis Success to Treat Tongue-Based Obstructive Apnea: Results of a 20-year, Hospital-wide Intervention Trial**  
Nicholas Andrew Han (Division of Plastic, Reconstructive, and Oral Surgery, Children's Hospital of Philadelphia, United States)

**P-46-2**      **Withdrawn**

**P-46-3**      **Withdrawn**

**P-46-4**      **Predicting Nutritional Needs and Growth Patterns in Patients with Robin Sequence Following Mandibular Distraction Osteogenesis**  
Asli Pekcan (Keck School of Medicine of USC, United States)

**P-46-5**      **Withdrawn**

**P-46-6**      **Withdrawn**

**P-47**      **Wednesday 22 October Poster Exhibition (B1F SAKURA)**  
**[Surgery] Lip and Nose Revision 2**

**P-47-1**      **Case Series: Definitive Correction of Unilateral Cleft Lip-Nose Deformity with/without Extended Cartilage Graft**  
Vaza Nadia Zairinal (Department of Oral and Maxillofacial Surgery, Faculty of Dentistry, Universitas Indonesia, Indonesia)

**P-47-2**      **Withdrawn**

**P-47-3**      **Reconstruction of the Philtrum in Unilateral Cleft Lip Postoperative Deformities**  
Xiyuan Mao (Shanghai Ninth People's Hospital, Shanghai Jiao Tong University, School of Medicine, China)

**P-47-4**      **Experience with secondary lip repair in patients with unilateral cleft lip**  
Kazuhide Matsunaga (Department of Oral & Maxillofacial Oncology and Surgery, Graduate School of Dentistry, The university of Osaka, Japan)

<b>P-47-5</b>	<b>Secondary Correction of Bilateral Cleft Lip with Residual Severe Premaxillary Protrusion After Inadequate Cheiloplasty: A Case Report</b> Najla Irhamni Phasa (Department of Oral and Maxillofacial Surgery, Faculty of Dentistry, Universitas Indonesia, Indonesia)
<b>P-47-6</b>	<b>Withdrawn</b>
<b>P-47-7</b>	<b>Withdrawn</b>
<b>P-48</b>	<b>Wednesday 22 October Poster Exhibition (B1F SAKURA)</b> <b>[Surgery] Primary Lip Surgery 2</b>
<b>P-48-1</b>	<b>Longitudinal Three-Dimensional Morphological Changes of Nasolabial Features in Patients with Cleft Lip and Palate After Primary Cheiloplasty</b> Kiyohide Ishihata (Kagoshima University Graduate School of Medical and Dental Sciences, Japan)
<b>P-48-2</b>	<b>Withdrawn</b>
<b>P-48-3</b>	<b>Withdrawn</b>
<b>P-48-4</b>	<b>Withdrawn</b>
<b>P-48-5</b>	<b>Insights into Midline Cleft Lip: Anomalies, Surgical Approaches, and Long-Term Outcomes</b> Raina K Patel (Children's Hospital Los Angeles, United States / Nova Southeastern University Dr. Kiran C. Patel College of Allopathic Medicine, United States)
<b>P-48-6</b>	<b>Early Discharge After Cleft Lip Repair: A Safe and Established Standard of Care</b> Victoria Beale (Royal Manchester Children's Hospital, United Kingdom)
<b>P-48-7</b>	<b>Classification, Treatment and Outcomes of unilateral microform cleft lip</b> Zhanping Ren (Key laboratory of Shaanxi Province for Craniofacial Precision Medicine Research, College of Stomatology, Xi'an Jiaotong University, China)
<b>P-48-8</b>	<b>Comparison of Intraoral Models and 3D Evaluation of Preoperative Orthodontic Treatment for Children with Cleft Lip and Palate</b> Saki Ogino (Department of Dentofacial Orthopedics, Graduate School of Dentistry, Ohu University, Japan)
<b>P-48-9</b>	<b>Anthropometric Analysis of Lateral-Medial Lip Thickness Ratio: A Comparative Study of Right and Left Sides in Unilateral Cleft Lip Patients at Bandung Cleft Lip and Palate Center</b> Letitia Bellavesta Kale (Division of Plastic Reconstructive and Aesthetic Surgery, Department of Surgery, Faculty of Medicine, Universitas Padjadjaran, Indonesia)
<b>P-48-10</b>	<b>holistic primary surgery for cleft lip and palate : the french reference center experience</b> Natacha Kadlub (Reference Cleft center, Necker enfants Malades, France)

**P-49** Wednesday 22 October Poster Exhibition (B1F SAKURA)  
[Surgery] Primary Palate Surgery 2

- P-49-1** **Seeing Clearly, Working Comfortably: 3D Exoscopes in Cleft Surgery Ergonomics and Education**  
Tobi Somorin (UPMC Children's Hospital of Pittsburgh, United States)
- 
- P-49-2** **Comparison of maxillary growth between three protocols of palatoplasty in patients with unilateral cleft lip and palate at eight years of age**  
Veera Pitkanen (Cleft Palate and Craniofacial Center, Department of Plastic Surgery, Helsinki University Hospital and University of Helsinki, Finland)
- 
- P-49-3** **Global Insights on Cleft Palate Repair: Trends and Surgical Techniques in Low-Middle Income Countries**  
Maria Esther Cabrera (Operation Smile Inc, United States)
- 
- P-49-4** **All You Need is One: The Use of Buccal Flaps and Facial Asymmetry After Cleft Palate Repair**  
Ellen Wang (McGovern Medical School at the University of Texas Health Science Center at Houston, United States)
- 
- P-49-5** **Withdrawn**
- 
- P-49-6** **Withdrawn**
- 
- P-49-7** **Two stage palatal repair for wide bilateral cleft palate, Vomerine first followed by soft palate closure.**  
Muhammad Aslam Khan (The Children's Hospital Lahore, Pakistan)
- 
- P-49-8** **The Impact of Surgical Technique on the Development of Sub-Acute Postoperative Complications in a Global Surgery Setting**  
Alexander T Plonkowski (Department of Plastic and Maxillofacial Surgery, Children's Hospital of Los Angeles, United States / Operation Smile Incorporated, United States)
- 
- P-49-9** **Transcutaneous Ozone Therapy During Reconstructive Surgery in Unilateral Cleft Lip and Palate: Clinical and Experimental Insights**  
Rogelio Martinez-Wagner (Hospital General Dr. Manuel Gea González, Mexico)

**P-50** Wednesday 22 October Poster Exhibition (B1F SAKURA)  
[Surgery] Speech / Velopharyngeal Surgery 2

- P-50-1** **A 10-Year Analysis of National Trends and 30-Day Outcomes in Pediatric Velopharyngeal Insufficiency Surgery**  
Melanie Bakovic (Children's Hospital Los Angeles, United States)
- 
- P-50-2** **Long-term speech outcomes of secondary Furlow Z-plasty**  
Anika Susanna Szwedyc (Cleft and Craniofacial Center, Helsinki University Hospital, Finland)
- 
- P-50-3** **Withdrawn**

<b>P-50-4</b>	<b>Assessing the Influence of Cleft Palate Repair Timing on the Need for Velopharyngeal Insufficiency Surgery: A Three Decade Retrospective Study</b> Melanie Bakovic (Children's Hospital Los Angeles, United States)
<b>P-50-5</b>	<b>A Retrospective Cohort Study of Speech Outcomes Following Pharyngeal Flap Surgery in Cleft Palate Patients</b> Sarah Karen Krog Andvik (Department of Plastic and Reconstructive Surgery, and National Burns Center, Haukeland University Hospital, Helse Bergen HF, Norway)
<b>P-50-6</b>	<b>Buccal Myomucosal Flap: Indications, Outcome and Complications in Palatal Repairs.</b> Adeola Adenike Olusanya (University College Hospital, Nigeria)
<b>P-50-7</b>	<b>The Mixed Protocol for treatment of Velopharyngeal Insufficiency.</b> Franklin Javier Paredes (Fundacion Operacion Sonrisa Ecuador, Ecuador)
<b>P-50-8</b>	<b>Automated Analysis of Nasopharyngoscopy for Velopharyngeal Insufficiency: A Convolutional Neural Network Approach to Velopharyngeal Port Dynamics</b> Sierra Willens (Stanford University, United States)
<b>P-50-9</b>	<b>Surgical complications of the Furlow palatoplasty in the treatment of cleft palate</b> Anne Kathrine Lorentzen (Department of Plastic Surgery and Burns Treatment, Rigshospitalet, Denmark)
<b>P-51</b>	<b>Wednesday 22 October Poster Exhibition (B1F SAKURA)</b> <b>[Surgery] Alveolar Bone Grafting 2</b>
<b>P-51-1</b>	<b>The Effect of Dietary Modification on Postoperative Food Intake in Children with Cleft Lip and/or Palate Involving the Alveolus Undergoing Secondary Alveolar Bone Grafting</b> Mayumi Kurotani (Division of Rehabilitation, Chiba Children's Hospital, Japan)
<b>P-51-2</b>	<b>The Effect on the Anterior Dental Axis of the Timing of Secondary Bone Grafting.</b> Erika Aoki (Department of Oral-maxillofacial Surgery, Dentistry and Orthodontics The University of Tokyo Hospital, Japan)
<b>P-51-3</b>	<b>Early-Stage Bone Resorption after Alveolar Cleft Bone Grafting: The Impact of BMI as an Independent Risk Factor</b> Satoru Miyabe (Aichi Gakuin University, Japan)
<b>P-51-4</b>	<b>Withdrawn</b>
<b>P-51-5</b>	<b>A Comparative Clinical Study on CGF Combined with Autologous Iliac Cancellous Bone for Congenital Alveolar Cleft Repair</b> Wen-Zhi Xiao (Affiliated Hospital of Yunnan University/Second People's Hospital of Yunnan Province, China)
<b>P-51-6</b>	<b>Comparison of Dental Morphology Between Cleft and Non-Cleft Sides in Patients with Unilateral Cleft Lip and Alveolus or Cleft Lip and Palate</b> Erika Minami (Department of Orthodontics, Showa Medical University, Japan)



- P-53-1**      **Analysis of the Articulatory Dynamics and Factors in the occurrence of Palatalized Articulation in patients with cleft palate using Electropalatography**  
Shinki Serizawa (Department of Oral and Maxillofacial Surgery, Field of Oral and Maxillofacial Rehabilitation, Kagoshima University Graduate School of Medical and Dental Sciences, Japan)
- 
- P-53-2**      **Development & Validation of a Novel Cleft Speech Scoring System**  
Simone Fischbach (Division of Plastic and Reconstructive Surgery - The Hospital for Sick Children, Canada / Department of Speech-Language Pathology, Temerty Faculty of Medicine, University of Toronto, Canada)
- 
- P-53-3**      **Clinical Study of Articulation disorders in Primary Cleft Palate Cases After Age Five: Okayama University Hospital Advanced Cleft Lip and Cleft Palate Treatment Center**  
Atsuko Nakagawa (Department of Otolaryngology-Head and Neck Surgery, Okayama University Hospital, Japan / Okayama University Hospital Advanced Cleft Lip and Cleft Palate Treatment Center, Japan)
- 
- P-53-4**      **Exploring Phonological Awareness in Tamil Speaking Children with Cleft Lip and Palate: A Case Series**  
Violet Priscilla S (Sri Ramachandra Institute of Higher Education and Research, India)
- 
- P-53-5**      **Long-term speech outcomes treated with pharyngeal flap surgery in patients with 22q11.2 deletion syndrome**  
Naoko Inoue (Division of Rehabilitation, Child Development and Family Support, Osaka Women's and Children's Hospital, Japan)
- 
- P-53-6**      **Exploring the relationship between self-perception of speech with age, cleft type, and speech pathology assessment outcomes in children with a cleft lip and/or palate**  
Helen Claire Morris (Queensland Children's Hospital, Australia)
- 
- P-53-7**      **Making Sense of Cleft Palate Speech: A Visual Aid for Speech Pathologists**  
David Fitzsimons (The Children's Hospital at Westmead, Australia)
- 
- P-53-8**      **Review of Japanese palatalized misarticulation definitions**  
Yuko Ogata (Kurashige Pediatric Clinic, Japan)

- P-54-1**      **Effectiveness of Teletherapy in Treating Cleft-Related Speech Sound Disorders**  
Lalasa Mary Vankayalapati (Basavataarakam Smile Train center, India)
- 
- P-54-2**      **Withdrawn**
- 
- P-54-3**      **Speech Camp for Repaired Cleft Palate Individuals: A Resourceful Approach to Providing Speech Therapy for Patients from Lower Economic Backgrounds.**  
Raviteja Bhukya (Basavataarakam Smile Train Centre, India)
- 
- P-54-4**      **Withdrawn**

**P-54-5**      **Challenges in Speech Therapy for Children with Cleft Palate in Regional Hospitals**  
Toshiyuki Ikegami (Kikuno Hospital, Japan)

**P-54-6**      **Withdrawn**

**P-54-7**      **Withdrawn**

**P-55**      **Wednesday 22 October Poster Exhibition (B1F SAKURA)**  
**[Speech and VPF] VPF Assessment 2**

**P-55-1**      **Velopharyngeal Competence in Children with Cleft Palate: Related Factors and Longitudinal Development**  
Malin Schaar Johansson (Lund University, Sweden / Skåne University Hospital, Sweden)

**P-55-2**      **Correlation Between Nasometry and Perceptual Assessments in Individuals with Cleft Palate**  
Parisa Rezaei (PhD student, Iran / Craniofacial and Cleft Research Center, Isfahan University of Medical Sciences, Iran., Iran)

**P-55-3**      **Velopharyngeal insufficiency and pharyngeal flap: Long-term outcomes in patients with deletion 22.**  
Mirta Maria Palomares (Fundación Gantz, Chile / Hospital Dr. Luis Calvo Mackenna, Chile / Smile Train, United States)

**P-55-4**      **Is there a correlation between perceptual-auditory assessments of speech hypernasality and nasoendoscopic evaluations in the diagnosis of velopharyngeal dysfunction?**  
Maria-Ines Pegoraro-Krook (Hospital for Rehabilitation of Craniofacial Anomalies - University of Sao Paulo, Brazil / Bauru School of Dentistry - University of Sao Paulo, Brazil)

**P-55-5**      **Italian Linguistic Validation of the Velopharyngeal Insufficiency Effects on Life Outcomes instrument: VELO-ITA**  
Lorenzo Fresta (Division of Plastic and Reconstructive Surgery, Department of Biotechnology and Life Sciences, University of Insubria, Italy)

**P-56**      **Wednesday 22 October Poster Exhibition (B1F SAKURA)**  
**[ENT] Obstructive Sleep Apnea**

**P-56-1**      **Nasal airway computational fluid dynamics assessment with cleft lip and palate children**  
Hideomi Takizawa (Showa University, Japan)

**P-56-2**      **Positive Screening Rate for Obstructive Sleep Apnea in the Cleft Palate Population after Buccal Flap Reconstruction**  
Darin Patmon (Corewell Health, United States / Helen DeVos Children's Hospital, United States / Michigan State University College of Human Medicine, United States)

**P-56-3**      **ASSESSING THE EFFICACY OF PAEDIATRIC SLEEP QUESTIONNAIRES IN CLEFT PALATE PATIENTS: A PROSPECTIVE AUDIT**  
Olivia Perotti (Perth Children's Hospital, Australia)



**P-59** Wednesday 22 October Poster Exhibition (B1F SAKURA)  
[Psychology/Neurology] Psychosocial Support 1

- P-59-1** **Exploring the Variance in Psychosocial Difficulties in an Australian Paediatric Cleft Lip and Palate Population**  
Khiarn Raymond (Children's Hospital at Westmead, Australia)
- 
- P-59-2** **Withdrawn**
- 
- P-59-3** **Accessing Cleft Care in Adulthood: Patients' Experience of Pre-Appointment Clinical Psychology Consultations at the Evelina London Cleft Service, UK**  
Hollie Clark (Guy's and St Thomas' NHS Foundation Trust, United Kingdom)
- 
- P-59-4** **Withdrawn**
- 
- P-59-5** **The impact of school absences on children with cleft conditions: Exploring challenges of regular appointments**  
Hannah Elizabeth Waterhouse (Royal Manchester Childrens Hospital, United Kingdom)
- 
- P-59-6** **Emerging Themes in Paediatric Referrals to the Cleft Psychology Team**  
Hannah Elizabeth Waterhouse (Royal Manchester Children's Hospital, United Kingdom)

**P-60** Wednesday 22 October Poster Exhibition (B1F SAKURA)  
Access to Care 2

- P-60-1** **Impacts of Socioeconomic Factors on Timing of Cleft Care**  
Hannah Bergman (Children's Mercy Hospital, United States)
- 
- P-60-2** **Connecting Communities: A Geographic Audit of Cleft Speech Services in Western Australia**  
Megan Elke Jones (Child and Adolescent Health Service, Australia)
- 
- P-60-3** **Age, Race, and Socioeconomic Factors in Microtia Reconstruction: An Analysis of 1,149 Cases from the Pediatric Health Information System Database**  
James T. Antongiovanni (University of California Irvine, Department of Plastic Surgery, United States / Washington State University Elson S. Floyd College of Medicine, United States)
- 
- P-60-4** **Withdrawn**
- 
- P-60-5** **Access to Dental care is a two way street, Parents' voices in Dental Health Inequalities, HANDCLAP Study.**  
Madhavi Kondapuram Seshu (Alder Hey children's Hospital, United Kingdom)
- 
- P-60-6** **Which Children Get Cleared? Predictive Factors of Surgical Clearance in Children Aged 0-5 Treated by a Cleft-Focused NGO**  
Rachel Donaldson (Operation Smile Incorporated, United States / Children's Hospital of Los Angeles, United States)

P-60-7      **Withdrawn**

P-61      Wednesday 22 October Poster Exhibition (B1F SAKURA)  
[Outcome Studies] 2

P-61-1      **Withdrawn**

P-61-2      **A comparison of two indices evaluating long term treatment outcomes of orthodontic treatment in unilateral cleft lip and palate (UCLP).**

Jacob Breum Kenrad (Copenhagen Cleft Palate Center, University Hospital of Copenhagen, Denmark)

P-61-3      **Validation of a Digital GOSLON Yardstick for Unilateral Cleft Lip and Palate Intercenter Outcome Assessments**

Marilia Yatabe (University of Michigan, United States)

P-61-4      **Prevalence and Outcomes of Newborns with Orofacial Clefts: A Facility-Based Surveillance Study in Karachi, Pakistan**

Maryam Sherwani (Interactive Research and Development (IRD) Pakistan, Pakistan)

P-61-5      **The Impact of the COVID-19 Pandemic on Cleft and Craniofacial Related Surgeries at the Hospital for Sick Children**

Dr.Hussah Abdulateef Aljarllah (The Hospital for Sick Children, Canada)

P-61-6      **Three-Dimensional Analyses of Nostril Sill Morphology and Anatomical Position of the Philtral Ridge in Patients with Unilateral Cleft Lip**

Takuya Uno (Section of Oral and Maxillofacial Oncology, Division of Maxillofacial Diagnostic Surgical Sciences, Faculty of Dental Science, Kyushu University, Japan)

P-61-7      **Withdrawn**

P-62      Thursday 23 October Poster Exhibition (B1F SAKURA)  
[Orthodontic] Growth 4

P-62-1      **Effect of the maxillary protraction appliance on maxillofacial morphology in patient with UCLP - A Comparison of lateral cephalogram and 3D computed tomography -**

Mika Yokoyama (Department of Oral Maxillofacial Surgery, Osaka Women's and Children's Hospital, Japan)

P-62-2      **Clinical investigation of palatal mucosal stiffness in children with cleft lip and palate using elastography**

Momoko Takakaze (Department of orthodontics, Showa University School of Dentistry, Japan)

P-62-3      **Rethinking Midfacial Advancement: The Power of Enhanced Sutural Protraction**

Fabio Mazzoleni (Pediatric Craniofacial Malformations Unit, Smile House Monza—Craniofacial Center, Fondazione IRCCS San Gerardo dei Tintori, Italy)

P-62-4      **Investigation of three-dimensional craniofacial morphology in patients with cleidocranial dysplasia**

Chia-Yu Hung (Department of Maxillofacial Orthognathics, Graduate School of Medical and Dental Sciences, Institute of Science Tokyo, Japan, Japan)



**P-63-7 Evaluation of Facial Profile in Cleft Lip and Palate Patients with Congenitally Missing Lateral Incisors Treated by Mandibular Incisor Autotransplantation.**

Yasuo Ishiwata (Ishiwata Orthodontic clinic, Japan)

**P-64 Thursday 23 October Poster Exhibition (B1F SAKURA)  
[Cranio-maxillofacial] Craniosynostosis**

**P-64-1 Using Machine Learning To Quantify Severity of Sagittal Craniosynostosis in 195 Patients**  
Tobi J. Somorin (UPMC Children's Hospital of Pittsburgh, United States)

**P-64-2 Withdrawn**

**P-64-3 Craniofacial Surgery for Orbital Hypertelorism: A Learning Curve**  
Windy Cendrick (Plastic Surgery Resident, Faculty of Medicine, University of Indonesia, Indonesia)

**P-64-4 Facial Degloving in Midface Advancement for FGFR2 Syndromes: Evaluating Its Role in Premature Aging**  
Melanie Bakovic (Children's Hospital Los Angeles, United States)

**P-64-5 Withdrawn**

**P-64-6 Withdrawn**

**P-64-7 Orthodontic management for gradual midface advancement in growing age in patients with syndromic craniosynostosis**  
Takafumi Susami (Hiroi Dental and Susami Orthodontic Clinic, Japan / Department of Oral-Maxillofacial Surgery and Orthodontics, University of Tokyo Hospital, Japan)

**P-64-8 Machine Learning-Derived Cranial Metrics as Predictors of Surgical and Postoperative Outcomes in Metopic Craniosynostosis**  
Janina Kueper (University of Pittsburgh, United States)

**P-65 Thursday 23 October Poster Exhibition (B1F SAKURA)  
[Cranio-maxillofacial] Hemifacial Microsomia**

**P-65-1 An Assessment of the Interrater Reliability of Phenotypic Classification of Craniofacial Microsomia by Clinical Photographs**  
Kelsey Marie Green (Department of Surgery, The Craniofacial Center, Division of Plastic, Cosmetic, and Reconstructive Surgery, The University of Illinois Chicago, United States)

**P-65-2 magnetically activated mandibular distraction device**  
Jean Boisson (ENSTA, France)

**P-65-3 The Correction of Chin Asymmetry in Cases of Facial Asymmetry Using Computer-guided Genioplasty, A Case Series**  
Toka Ahmed Saeed Mohamed (Cleft Care Center, Oral and Maxillofacial Department, Faculty of Dentistry, Ain Shams University, Egypt, Arab Rep.)

**P-66**  
[Medical/Surgical Technology] 1

Thursday 23 October Poster Exhibition (B1F SAKURA)

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- P-66-1**      **Effectiveness of custom-made 3D printing nostril retainer in post cheiloplasty and primary rhinoplasty patients with unilateral cleft lip and cleft lip nose deformity**  
Irin Chaikangwan (Division of Plastic Surgery, Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand)
- 
- P-66-2**      **A 3D Cleft Lip Incision–Design iOS App using Gamification: Pilot Study Results**  
Nicholas A Han (Division of Plastic, Reconstructive, and Oral Surgery, Children’s Hospital of Philadelphia, United States)
- 
- P-66-3**      **Assessing Artificial Intelligence for Cleft Lip and Palate: A Study of Accuracy, Readability, and Treatment Quality**  
Sirin Apichonbancha (Division of Plastic Surgery, Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand, Thailand)
- 
- P-66-4**      **Alveolar morphometric analysis and presurgical orthodontic treatment of unilateral cleft lip and palate using a 3D simulation system.**  
Yukari Fujimoto (Center for Cleft Lip and Palate Treatment, Osaka University Dental Hospital, Japan / Department of Oral and Maxillofacial Surgery, Graduate School of Dentistry, The University of Osaka, Japan)
- 
- P-66-5**      **SimCleft: Creation of a cleft lip and palate surgery simulator**  
Hind Aissaoui (Craniofacial Growth and form Laboratory - Imagine institute, France / Paris Cité University, Faculty of Medecine., France)
- 
- P-66-6**      **Alveolar morphometric analysis and presurgical orthodontic treatment of bilateral cleft lip and palate using a 3D simulation system.**  
Yukari Fujimoto (Center for Cleft Lip and Palate Treatment, Osaka University Dental Hospital., Japan / Department of Oral and Maxillofacial Surgery, Graduate School of Dentistry, The University of Osaka, Japan)
- 
- P-66-7**      **Artificial Intelligence in Orthodontic Treatment and Orthognathic Surgery for patients with CLP: A Scoping Review**  
Linping Zhao (The Craniofacial Center, Division of Plastic, Reconstructive, and Cosmetic Surgery, University of Illinois at Chicago, United States / Shriners Children’s-Chicago Hospital, United States)
- 
- P-66-8**      **Biomechanical Characterisation of the Curette Palatal Dissector for Cleft Palate Reconstruction**  
Cristobal J. Ortega-Arenas (Hospital General Dr. Manuel Gea González, Mexico)
- 
- P-66-9**      **Computer Vision for Preoperative Soft Tissue Landmarking in Cleft Lip Repair: a Systematic Review**  
Callum Munns (Department of Plastic and Reconstructive Surgery, Monash Health, Australia)

**P-67**  
[Surgery] Fistula Closure 1

Thursday 23 October Poster Exhibition (B1F SAKURA)

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- P-67-1**      **Subsequent Soft Tissue Alveoloplasty Following Cleft Palate Repair Utilizing Buccal Flaps**  
Darin Patmon (Corwell Health, United States / Helen DeVos Children’s Hospital, United States / Michigan State University College of Human Medicine, United States)
-

P-67-2	Withdrawn
P-67-3	Withdrawn
P-67-4	<b>Mucosal Rugosity Unfolding Technique - A Novel Technique for the Management of Anterior Palatal Fistulae</b> Muhammad Daiem (CLAPP Hospital, Pakistan)
P-67-5	<b>Surgical Management of Oronasal Fistula Pittsburgh Type V-VII; a Case Series</b> Putu Trisna Utami (Bali Mandara General Hospital, Indonesia)
P-67-6	<b>The Rate of Fistula Repair Following Palatoplasty in Cleft Lip and Palate Patients: A Systematic Review of the Literature</b> Dylan G Choi (Renaissance School of Medicine, Stony Brook University, United States / Operation Smile Incorporated, United States)
P-68	Thursday 23 October Poster Exhibition (B1F SAKURA) [Surgery] Primary Lip Surgery 4
P-68-1	<b>Role of morbid muscle anatomy in development of unilateral primary cleft lip nose deformity: Comparison of single cinch suture with three suture muscle repair.</b> Sundereshwer Chander Sood (Sant Parmanand Hospital, India)
P-68-2	<b>Medial correction versus lateral release of lower lateral cartilage in primary unilateral cleft lip nose deformity</b> Sundereshwer Chander Sood (Sant Parmanand Hospital, India)
P-68-3	<b>Comparing scar outcome of two suture techniques for cleft lip repair</b> Calver Pang (Addenbrookes Hospital, United Kingdom)
P-68-4	<b>Optimizing Aesthetic Outcomes in Unilateral Cleft Lip repair: 3D Anthropometric Analysis of the Modified Onizuka's Technique</b> Kollawat Jaruniphakul (Division of Plastic Surgery, Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand)
P-68-5	<b>The Impact of Cleft Lip Severity on Immediate Postoperative Outcomes: A Study of Patients Treated by an International Cleft NGO</b> Alexander T Plonkowski (Department of Plastic and Maxillofacial Surgery, Children's Hospital of Los Angeles, United States / Operation Smile Incorporated, United States)
P-68-6	Withdrawn
P-68-7	<b>The Impact of Nasal Floor Closure During Lip Surgery on Postoperative Outcomes in Bilateral Cleft Repair</b> Bruno Manuel Wehncke (Tess Unlimited, Guatemala / Faculty of Dentistry, Universidad de San Carlos de Guatemala, Guatemala)
P-68-8	Withdrawn
P-68-9	Withdrawn

**P-69** Thursday 23 October Poster Exhibition (B1F SAKURA)  
[Surgery] Primary Palate Surgery 1

**P-69-1** **Essentials, results, and morbidity of one-stage primary repair of bilateral cleft lip and palate**  
Zbigniew Surowiec (Department of Maxillofacial Surgery, Clinic of Pediatric Surgery, Institute of Mother and Child, Poland)

**P-69-2** **What Predicts Postoperative Palate Length Gained? A Study of Patients Treated by an International Cleft NGO.**  
Alexander T Plonkowski (Department of Plastic and Maxillofacial Surgery, Children's Hospital of Los Angeles, United States / Operation Smile Incorporated, United States)

**P-69-3** **Furlow palatoplasty: A single-center retrospective analysis of speech outcomes and fistula formation in short -, mid-, and long-term follow-up over 20 years.**  
Kata Davidovics (Department of Pediatrics, Clinical Centre, University of Pécs, Hungary)

**P-69-4** **Withdrawn**

**P-69-5** **Withdrawn**

**P-69-6** **Withdrawn**

**P-69-7** **The study to evaluate the effect of buccal fat pad transplantation in early two-stage Furlow's palatoplasty**  
Ayaka Mikami (Department of Oral and Maxillofacial Reconstructive Surgery, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Japan / Advanced cleft lip and cleft palate treatment center, Okayama university hospital, Japan)

**P-69-8** **Long-Term Outcomes and Risk Factors for Secondary Surgery After 800 Cleft Palate Repairs**  
Melanie Bakovic (Children's Hospital Los Angeles, United States)

**P-69-9** **Special considerations for international weight standards for cleft surgery: pre-surgical optimization in a patient with femoral-facial syndrome**  
Greta L Davis (Division of Plastic and Reconstructive Surgery, Department of Surgery, University of California San Francisco, United States / Operation Smile Inc., United States)

**P-70** Thursday 23 October Poster Exhibition (B1F SAKURA)  
[Surgery] Speech / Velopharyngeal Surgery 1

**P-70-1** **Withdrawn**

**P-70-2** **LONGITUDINAL AND CROSS-SECTIONAL STUDY OF PHONOARTICULATORY OUTCOMES IN PATIENTS WITH UNILATERAL CLEFT LIP AND PALATE TREATED WITH TWO DIFFERENT SURGICAL TECHNIQUES**  
Piera Emanuela Todaro (San Paolo University Hospital, Italy)

**P-70-3**      **Assessing the Role of Posterior Pharyngeal Flap with and without Furlow Palatoplasty on Speech Outcomes in Patients with 22Q11.2 Deletion Syndrome**  
Mariia Alibekova Long (Perelman School of Medicine, United States / Children's Hospital of Philadelphia, United States)

**P-70-4**      **Autologous lipoinjection for improving velopharyngeal competence - a pilot study**  
Christina Havstam (Region Västra Götaland, Department of Otorhinolaryngology, Sahlgrenska University Hospital, Sweden / Department of Health and Rehabilitation, Speech and Language Pathology Unit, Institute of Neuroscience and Physiology, Sahlgrenska Academy, University of Gothenburg, Sweden)

**P-70-5**      **Quantitative Analysis of the Effect of Posterior Pharyngeal Flap Combined with Reverse Double Z-Shape Flap Surgery on Speech Function in Patients with Velopharyngeal Insufficiency**  
Hu Ning Ning (Women and Children's Hospital Affiliated to Qingdao University, China)

**P-70-6**      **Can a pharyngeal bulb prosthesis combined with speech therapy prepares patients for surgery to correct VPI, just as NAM prepares for primary surgeries?**  
Maria-Ines Pegoraro-Krook (Hospital for Rehabilitation of Craniofacial Anomalies University of Sao Paulo, Brazil / Bauru School of Dentistry University of Sao Paulo, Brazil)

**P-70-7**      **Lipoinjection for velopharyngeal incompetency as a safe and effective procedure in current surgical practice.**  
Alfredo Molto Isaza (Hospital Materno Infantil Jose Domingo De Obaldia, Panama)

**P-70-8**      **Velopharyngeal incompetence in 22q11.2 deletion syndrome: influence of nasopharyngeal depth and adenoid hypertrophy in pediatric patients**  
Aya Obana

**P-70-9**      **Withdrawn**

**P-71**      Thursday 23 October Poster Exhibition (B1F SAKURA)  
[Surgery] Alveolar Bone Grafting 1

**P-71-1**      **Gingivoperiosteoplasty (GPP) utilizing transplantation of bone marrow aspirates is effective for bone bridge formation in UCLP children**  
Mikiko Mano (Division of Orthodontics Department of Human Development and Fostering Meikai University School of Dentistry, Japan)

**P-71-2**      **Novel Three-Dimensional Evaluation Method for Alveolar Cleft and Secondary alveolar Bone Grafting: Revolutionizing Assessment Technique**  
Kai Ishihara (Department of Maxillofacial Surgery, Graduate School of Medical and Dental Sciences, Institute of Science Tokyo, Japan)

**P-71-3**      **Withdrawn**

**P-71-4**      **Comparison of Bone Bridge Formation after Alveolar Bone Grafts between Children and Adults**  
Miwa Horiuchi (Department of Oral and Maxillofacial Surgery, Faculty of Medicine, Tokyo Medical University, Japan)

<b>P-71-5</b>	<b>Three-dimensional evaluation of nasal morphological changes after alveolar bone grafting in patients with cleft lip and palate</b> Shuji Yoshida (Department of Oral and Maxillofacial Surgery, Tokyo Dental College, Japan)
<b>P-71-6</b>	<b>The Extended Dissection Technique Improves Outcomes in Alveolar Bone Grafting</b> Joseph Mocharnuk (University of Pittsburgh Medical Center, Children's Hospital of Pittsburgh, United States)
<b>P-71-7</b>	<b>Dental Extractions in the Alveolar Bone Grafting Care Pathway: A Service Evaluation</b> Adele Bronkhorst (NHS Cleft Lip & Palate Network North West - Royal Manchester Children's Hospital, United Kingdom)
<b>P-71-8</b>	<b>Withdrawn</b>
<b>P-71-9</b>	<b>A case of dental implant placement after alveolar cleft grafting using only artificial bone composed mainly of Beta-TCP for cleft lip and alveolar patient.</b> Takeo Shibui (Department of Oral and Maxillofacial Surgery, The Nippon Dental University School of Life Dentistry at Tokyo, Japan)
<b>P-71-10</b>	<b>Withdrawn</b>
<b>P-72</b>	<b>Thursday 23 October Poster Exhibition (B1F SAKURA)</b> <b>[Speech and VPF] VPF Assessment 1</b>
<b>P-72-1</b>	<b>Velopharyngeal Closure Patterns in Young Healthy Adults: A Nasoendoscopic Study</b> Yoshiko Takei (Department of Nurse and Rehabilitation Science Education, Showa Medical University School of Nurse and Rehabilitation Sciences, Japan)
<b>P-72-2</b>	<b>Investigating speech tasks for young children in nasometry and establishing a standard range of nasalance scores</b> Akiko Sato (Department of Speech-Language-Hearing Therapy, Faculty of Health and Medical Science, Teikyo Heisei University, Japan / Division of Rehabilitation, Chiba Children's Hospital, Japan)
<b>P-72-3</b>	<b>Stimulability Testing and Velopharyngeal Function: Influence on Pharyngeal Bulb Molding in Patients with Repaired Cleft Palate</b> Maria-Ines Pegoraro-Krook (Hospital for Rehabilitation of Craniofacial Anomalies University of Sao Paulo, Brazil / Bauru School of Dentistry-University of Sao Paulo, Brazil)
<b>P-72-4</b>	<b>Study on the Development of a New Device with Dual Cameras for Evaluating Expiratory Nasal Flow ~ on a device capable of recording images simultaneously with voice~</b> Rieko Doi (Division of Oral and Maxillofacial Surgery, Department of Sensory and Motor Organs, Faculty of Medicine, Tottori University, Japan)
<b>P-72-5</b>	<b>Withdrawn</b>
<b>P-72-6</b>	<b>Multi-disciplinary Evaluation and Management of Velopharyngeal Dysfunction: A Focus on Shared Decision-Making</b> Lauren Beckett (Seattle Children's Hospital, United States)

**P-72-7**      **MRI Study of Levator Veli Palatini in Non-Cleft Velopharyngeal Dysfunction Patients**  
Yan Liu (Department of Speech and Language, College of Stomatology, Xi'an Jiaotong University, China)

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**P-72-8**      **Effects of Early Le Fort I Osteotomy on Speech in Growing Patients with Clefts**  
Suvi Alaluusua (Suvi Alaluusua SLP, PhD, Finland)

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**P-73**      Thursday 23 October Poster Exhibition (B1F SAKURA)  
[Genetics] Epidemiology/Etiology 4

**P-73-1**      **Investigation of Consanguinity and Familial Occurrence of Cleft Lip and/or Palate at Saga University Hospital**  
Reona Aijima (Department of Oral and Maxillofacial Surgery, Faculty of Medicine, Saga University, Japan)

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**P-73-2**      **Live imaging observation of the palatal shelf elevation in developing mice**  
Arata Nagasaka (Division of Histology, Meikai University School of Dentistry, Japan)

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**P-73-3**      **Associated congenital conditions in children born with cleft**  
Patrik Boivie (Department of Plastic Surgery, Sahlgrenska University Hospital, Sweden)

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**P-73-4**      **Chst11-mediated sulfation of chondroitin sulfate is required during palatogenesis**  
Mika Yokoyama (Department of Orthodontics and Dentofacial Orthopedics, Osaka University Graduate School of Dentistry, Japan)

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**P-73-5**      **TMEM2-Mediated Hyaluronic Acid Catabolism Is Essential for Normal Palatal Development**  
Hisham Shamma (Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, The University of Osaka, Japan)

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**P-73-6**      **Withdrawn**

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**P-73-7**      **The epidemiology of Langerhans Cell Histiocytosis in The Sultanate of Oman: a descriptive study**  
Sondus Abdallah Al Jadeedi (Department of plastic, reconstructive and craniofacial surgery, Khoula hospital, Oman)

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**P-73-8**      **Establishment of an Organ Culture Model of Mouse Fetal Cleft Lip to Evaluate the Efficacy of Adipose-Derived Stem Cell-Based Regenerative Therapy**  
Ayane Fukutome (Department of Oral and Maxillofacial Surgery, Dentistry and Orthodontics, The University of Tokyo Graduate School of Medicine)

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**P-74**      Thursday 23 October Poster Exhibition (B1F SAKURA)  
[Genetics] Syndromes

**P-74-1**      **Molecular characterization of SATB2 variants causing SATB2-associated syndrome**  
Nao Ukita (Department of Maxillofacial Orthognathics, Graduate School of Medical and Dental Sciences, Institute of Science Tokyo, Japan)

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- P-74-2**      **Analysis of the etiology of facial clefts in Baraitser-Winter syndrome through comparison of pathogenic mutations in different actin molecules**  
Takayuki Tsujimoto (Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, The University of Osaka, Japan)
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- P-74-3**      **Genetic analysis of a case with submucous cleft palate and hereditary gingival fibromatosis**  
Yuki Shiraishi (Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, The University of Osaka, Japan)
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- P-74-4**      **Three cases of nevoid basal cell carcinoma syndrome with cleft lip and palate**  
Yuhei Kamikuri (Department of Oral and Maxillofacial Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, Japan)
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- P-74-5**      **Investigation of a Novel Clinical Diagnostic Criterion for Cleidocranial Dysplasia**  
Takenobu Ishii (Tokyo Dental College, Japan)
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- P-74-6**      **Spondyloepiphyseal Dysplasia Congenita: Clinical Orthodontic Findings in a Patient**  
So Koizumi (Department of Orthodontics, School of Dentistry, Kanagawa Dental University, Japan)
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- P-74-7**      **A Case of Klippel-Feil Syndrome: Analysis of Oral and Maxillofacial Findings and Treatment Approach**  
Shota Ito (Department of Orthodontics, Division of Oral Health and Development, Hiroshima University Hospital, Japan)
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- P-74-8**      **Retrospective study of cleft lip and/or palate patients associated with syndrome and chromosomal abnormalities**  
Aiko Hyodo (Department of Oral and Maxillofacial Surgery, Okayama University Hospital, Japan / Advanced Cleft Lip and Cleft Palate Treatment Center, Okayama University Hospital, Japan)
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- P-74-9**      **Three-dimensional assessment of temporomandibular joint morphology with Down syndrome preadolescent children: a case-control study**  
Tomijiro Hamada (Department of Orthodontics, School of Dentistry, Showa University, Japan)
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- P-74-10**      **Craniofacial analysis of individuals with van der Woude Syndrome**  
Camila Massaro (Bauru Dental School, University of São Paulo, Brazil)
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- P-75**      **Thursday 23 October Poster Exhibition (B1F SAKURA)**  
[Oral Health] 2
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- P-75-1**      **Withdrawn**
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- P-75-2**      **A self-retracting Intraoral mirror with scale and anti-fog function for standardized cleft palate photography**  
Prasad Nalabothu (Department of Craniomaxillofacial Surgery, University Hospital Basel, Switzerland)
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- P-75-3**      **Orofacial clefts in the Gambia: Disease Types, Patterns and Distribution Mapping**  
Mary Ebelechukwu Osuh (The Dental Polyclinic, Edward Francis Small Teaching Hospital (EFSTH), Gambia, The)
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P-75-4	Withdrawn
P-75-5	Withdrawn
<b>P-76</b> Thursday 23 October Poster Exhibition (B1F SAKURA) [Patient Reported Outcome] 2	
P-76-1	<b>Patient-reported-satisfaction with appearance in 18-year-old young adults with unilateral cleft lip and palate (UCLP)</b> Kari Rantavuori (Cleft Palate and Craniofacial Center, Department of Plastic Surgery, Helsinki University Hospital and Helsinki University, Finland)
P-76-2	<b>Hearing and Speech Outcomes compared with Health Priorities in Children with Cleft Palate</b> Jamie L Funamura (UC Davis Health, United States)
P-76-3	<b>Psychosocial Challenges and Mental Health Outcomes in Individuals with Microtia</b> James T Antongiovanni (University of California Irvine Plastic Surgery, United States / Washington State University Elson S. Floyd College of Medicine, United States)
P-76-4	<b>The Impact of A Light-Hearted Preoperative Approach on Parent Satisfaction in Children With Cleft Lip Surgery</b> Wen Shien Tai (Monash Children's Hospital, Australia)
P-76-5	<b>Congenital Oropharynx Lymphatic Malformation in a Pediatric Cleft Palate Patient Treated with Speech Aid: A Case Report</b> Ryota Kobayashi (Division of Oral and Maxillofacial Surgery, Faculty of Dentistry & Graduate School of Medical and Dental Sciences, Niigata University, Japan)
P-76-6	<b>Premaxillary Setback of Severely Protruding Premaxilla Treatment with Vomer Ostectomy Simultaneous by Nasal Approach in Bilateral Cleft Lip and Palate (BCLP): a Case Series</b> Nurardhilah Vityadewi (Faculty of Medicine, Public Health and Nursing, Universitas Gadjah Mada/ Dr.Sardjito Hospital, Indonesia)
P-76-7	Withdrawn
P-76-8	Withdrawn
<b>P-77</b> Thursday 23 October Poster Exhibition (B1F SAKURA) [Prenatal/Neonatal] Feeding and Prenatal Diagnosis	
P-77-1	<b>The Impact of Nasoalveolar Molding on Feeding Experiences in Infants with Cleft Lip and Palate</b> Kate Bolton (Queensland Children's Hospital, Australia / School of Health and Rehabilitation Sciences, The University of Queensland, Australia)
P-77-2	<b>A study of feeding status of infants with cleft lip/palate</b> Takafumi Ooka (Division of Feeding and Swallowing Rehabilitation, Department of Restorative and Biomaterials Sciences, Meikai University School of Dentistry, Japan)

P-77-3	<b>Cross-Cultural Perspectives on Early Feeding Challenges: A Comparative Study of Malaysian and Japanese Mothers of Infants with Cleft Lip and/or Palate</b> Hasherah Mohd Ibrahim (Universiti Kebangsaan Malaysia, Malaysia)
P-77-4	Withdrawn
P-77-5	Withdrawn
P-77-6	Withdrawn
P-77-7	Withdrawn
P-77-8	<b>PLACE OF ANTENATAL SURGICAL CONSULTATION IN THE MANAGEMENT OF CLEFT LIP OR CLEFT LIP AND PALATE</b> Caroline Francois (Plastic surgery, France / URCA University of Reims Champagne Ardenne, France / Rares diseases competences center MAFACE Reims, France / UR3801 URCA University of Reims Champagne Ardenne, France)
P-78	Thursday 23 October Poster Exhibition (B1F SAKURA) [Psychology/Neurology] QOL
P-78-1	<b>Psychosocial Functioning In Youth with Cleft Lip and Palate in Treatment for Class III Malocclusion by Caregiver and Self-Report: Longitudinal Comparisons to Norm Groups</b> Alexis Johns (Children's Hospital Los Angeles, United States)
P-78-2	<b>Outcomes of the Quality of Life-Promoting Activities for Children with Cleft Lip and Palate in Northeastern Thailand</b> Aporn Yimneum (Nursing Department, Srinagarind Hospital, Faculty of Medicine, Khon Kaen University, Thailand, Thailand)
P-78-3	<b>Orthognathic surgery and satisfaction in patients with cleft lip and/or palate</b> Natsuko Uchino (Department of Oral-Maxillofacial Surgery and Orthodontics, The University of Tokyo Hospital, Japan)
P-78-4	Withdrawn
P-78-5	<b>Satisfaction with the Quality of Life of Parents of Cleft Lip and Palate Patients Aged 8-12 Years, Tawanchai Center, Northeastern, Thailand</b> Yupin Paggasang (Surgery Nursing, Department of Nursing, Srinagarind Hospital, Faculty of Medicine, Khon Kaen University, Thailand)
P-78-6	<b>Ethnicity-Based Differences in Psychosocial Outcomes in Hispanic and Non-Hispanic Patients with Cleft Lip and Palate</b> Chizoba A. Mosieri (Louisiana State University Health Science Center Shreveport, United States / University of California Irvine Medical Center, Department of Plastic Surgery, United States / Children's Hospital of Orange County, United States)
P-78-7	<b>The Outcomes of the Quality of Life-Promoting Activity of Children with Cleft Lip and Palate in Tawanchai Cleft Center, Northeastern Thailand</b> Patcharida Choosuk (Tawanchai Cleft Center, Khon Kaen University, Thailand, Thailand)

<b>P-78-8</b>	<b>Persistent Headache in Long COVID: Clinical Characterization and Functional Impact in Patients with Cleft Palate</b> Luiz Lourencone (Hospital for Rehabilitation of Craniofacial Anomalies (HRAC), University of São Paulo (USP), Brazil, Brazil / Otolaryngology Section, Hospital for Rehabilitation of Craniofacial Anomalies (HRAC), University of São Paulo (USP), Brazil / Bauru School of Medicine (FMBRU-USP), University of São Paulo, Brazil, Brazil)
<b>P-78-9</b>	<b>Withdrawn</b>
<b>P-79</b>	<b>Thursday 23 October Poster Exhibition (B1F SAKURA)</b> <b>Access to Care 4</b>
<b>P-79-1</b>	<b>Current metrics for measuring the outcomes of medical education in low-resource settings</b> Emily Marie Jones (Operation Smile, United States)
<b>P-79-2</b>	<b>The Financial Impact of Cleft Surgery: A Comparative Analysis of Catastrophic Health Expenditure Across Latin America and the Caribbean from 2022-2024</b> Srinithya Reddy Gillipelli (Program in Global Surgery and Social Change, Harvard Medical School, United States / School of Medicine, Baylor College of Medicine, United States)
<b>P-79-3</b>	<b>Withdrawn</b>
<b>P-79-4</b>	<b>Neighborhood-Level Socioeconomic Disparities and Their Influence on Cleft Surgery Timing: A Three-Decade Experience</b> Valeria Mejia (University of Southern California, United States / Children's Hospital Los Angeles, United States)
<b>P-79-5</b>	<b>Comparing cleft surgical program training models using patient-centered impact modeling</b> Emily Marie Jones (Operation Smile, United States)
<b>P-79-6</b>	<b>Withdrawn</b>
<b>P-79-7</b>	<b>Assessing Long-Term Outcomes in Cleft Care: Implementation of Operation Smile's Novel Evaluation Tool at CLAPP Hospital</b> Muhammad Daiem (Operation Smile, United States)
<b>P-79-8</b>	<b>Primary Palatoplasty in a Comprehensive Cleft Care Center in Chiapas, Mexico: Assessing the impact of Socioeconomic Status on Post-operative Outcomes</b> Lidia Tamayo-Espinosa (Comprehensive Cleft Care Center Tseinan-Smile Train, Mexico)
<b>P-80</b>	<b>Thursday 23 October Poster Exhibition (B1F SAKURA)</b> <b>Access to Care 5</b>
<b>P-80-1</b>	<b>Across the United States: Wealth and Insurance Coverage as Predictors of Delayed Alveolar Bone Graft</b> Hanna Pfershy (Department of Surgery, Division of Plastic Surgery, Corewell Health West / Michigan State University, United States)
<b>P-80-2</b>	<b>Withdrawn</b>

P-80-3      **Withdrawn**

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P-80-4      **Barriers to Timely Primary Cleft Surgery in Patients Treated by an International Cleft-Focused NGO Across 18 Countries**

Alexander T Plonkowski (Division of Plastic and Maxillofacial Surgery, Children's Hospital Los Angeles, United States / Operation Smile Incorporated, United States)

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P-80-5      **How to ensure equality in follow-up for all children born with cleft lip and palate**

Gitte Hauge Visnes (Department of Plastic, Hand and Reconstructive Surgery, Haukeland University Hospital, Norway)

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P-80-6      **Withdrawn**

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P-80-7      **Withdrawn**

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P-80-8      **Withdrawn**

## Sponsored Seminar

12:30 - 13:20 Luncheon Symposium by Smile Train Tuesday 21 October ROOM 1 (1F Main Hall)

### **Perspectives in Global Cleft Care: At the Intersection of Evidence, Innovation, and Lived Experience**

Join us for an engaging panel on global cleft care, where multidisciplinary experts and cleft-affected individuals will explore the intersection of evidence-based practices, innovative solutions, and patient perspectives. The discussion will spotlight thought-provoking research from the Smile Train-supported October issue of *Plastic and Reconstructive Surgery (PRS)*, drawing on the organization's 25 years of experience in advancing cleft care worldwide. Featuring powerful firsthand accounts from cleft-affected individuals, the session will lift up voices from the cleft community and offer unique insights into the personal and professional impact of cleft care.

17:10 - 18:00 Sponsored Seminar by KLS Martin Japan K.K. Tuesday 21 October ROOM 6 (B1F Room E)  
Chair: Tomonao Aikawa (Department of Oral and Maxillofacial surgery, Hiroshima University)

### **Material-based innovations in surgery of cleft lip and palate**

Robert Sader (Director of the Department of Oral, Maxillofacial and Plastic Facial Surgery  
University Hospital Frankfurt)

8:00-10:30 Smile Train Workshops Wednesday 22 October (1F Room 157)

### **Speech Surgery Simulation Workshop by Smile Train**

This inaugural workshop introduces one of the most advanced surgical training tools for cleft palate speech procedures available, the brand-new Speech Surgery Simulator from Simulare Medical, A Division of Smile Train. In this hands-on session, surgeons will perform the procedure step-by-step on a lifelike, anatomically precise pediatric oral cavity, featuring detailed muscular and soft tissue anatomy. Expert-guided, experiential training equips participants with the technical skill and confidence needed for successful speech surgery.

12:20 - 13:05 Luncheon Seminar by Operation Smile Wednesday 22 October ROOM2 (2F Room A)  
Chair: William Magee III (Operation Smile, Children's Hospital Los Angeles)

### **Advancing Sustainable Cleft Care: Local Leadership for Global Change**

Valeri Paredes Kiridiapkina (Professor, Chief of Oral and Maxillofacial Surgery, Hospital de los Valles, Quito, Ecuador)

Faustin Ntirenganya (Associate Professor, Head of General and Plastic & Reconstructive Surgery, University of Rwanda, Kigali, Rwanda)

Beatriz Vidal (Regional Director, Operation Smile, Latin and Central America)

8:00-10:30 Smile Train Workshops Thursday 23 October (1F Room 157)

### **Cleft Palate Surgery Simulation Workshop by Smile Train**

This hands-on workshop provides surgeons the opportunity to experience cleft palate repair using lifelike, anatomically precise 3D simulation models developed by Simulare Medical, A Division of Smile Train. Guided by expert faculty, participants will perform step-by-step surgical techniques on high-fidelity models that replicate the look and feel of real tissue. Emphasizing experiential learning, technical precision, and skill development, the workshop is designed to strengthen surgical confidence and enhance competence in cleft palate repair.

