

# Congress Program

## December 1st , Room A

- 8:55 - 9:00**    **Opening address**  
Keisuke Imai (Japan)
- 9:00 - 10:30**    **Keynote Lectures**  
**KL-1 History and Background of the Asian Pacific Cranio Facial Association**  
Lecturer: Prof. David John David (Australia)  
Moderator: Keisuke Imai (Japan)  
  
**KL-2 Rhinoplasty in Craniofacial Surgery**  
Lecturer: Dr. Kitaro Ohmori (Japan)  
Moderator: Shinichi Hirabayashi (Japan)
- 10:40 – 12:10**    **Panel Session 1**  
**Orthognathic Surgery (Jaw Surgery): Planning, Procedure, Assessment of Results**  
Moderators: Yu-ray Chen (Taiwan)  
Kenji Kusumoto (Japan)
- 12:20 - 13:20**    **Luncheon Seminer 1**  
**LS1**  
**Infection control in the craniofacial surgery**  
Lecturer: Tadaaki Morotomi (Department of Plastic and Reconstructive Surgery, Kinki University School of Medicine, Japan)  
Moderator: Kensuke Kiyokawa (Department of Plastic & Reconstructive Surgery and Maxillofacial Surgery, Kurume University, Japan)  
Co-Sponser: Mölnlycke Health Care
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- 13:30 - 14:10    **General Session 1**      **Craniofacial Trauma (1) O-001 ~ O-005**  
Chairpersons: Yong-Ha Kim (Korea)  
Ichiro Hashimoto (Japan)
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- 13:30 - 13:35**    **O-001**  
(5min)    **An epidemiological review of panfacial fractures at a tertiary trauma centre**  
First Author: Jiayi Hu  
Affiliation: Division of Plastic Surgery, McMaster University, Canada
- 13:36 - 13:41**    **O-002**  
(5min)    **Mandibular coronoid process hyperplasia after mandibular distraction in infant with Nager syndrome.**  
First Author: Daisuke Sakahara  
Affiliation: Department of Plastic and Reconstructive Surgery Osaka City General Hospital, Japan
- 13:42 - 13:47**    **O-003**  
(5min)    **TMJ Ankylosis**  
First Author: Daw Thwet  
Affiliation: Department of Burn, Plastic, Maxillofacial and Oral Surgery, Mandalay General Hospital, Ministry of Health and Sports, Myanmar

- 13:48 - 13:53 O-004**  
(5min) A new method for the treatment of traumatic intractable bony ankylosis of the temporomandibular joint: Report of two clinical cases  
First Author: Mine Ozaki  
Affiliation: Department of Plastic Surgery, Kyorin University School of Medicine, Japan
- 13:54 - 13:59 O-005**  
(5min) Volumetric change of frontiorbital advance as key points in treatment of craniosynostosis  
First Author: Xiongzhen Mu  
Affiliation: Huashan Hospital, Shanghai, China
- 13:59 - 14:10 Discussion**  
(11min)
- 14:10 - 15:10 Invited Lecture 1**  
**Outcome of Long-term Management of Patients with Cleft Lip-Palate and Craniofacial Deformities in the Tawanchai Center, Khon Kaen University, Thailand**  
Lecturer: Bowornsilp Chowchuen (Thailand)  
Moderator: Yuzo Komuro (Japan)
- 15:10 – 15:30 coffee break**
- 15:30 - 18:30 Panel Session 2**  
Long-Term Follow up from Birth to Adult for Unilateral Cleft Lip & Palate Surgery by the Surgeon, the Orthodontist, the Speech Therapist  
Moderators: Kyung S Koh (Korea)  
Ichiro Yamamoto (Japan)  
Yuri Fujiwara (Japan)

## December 1st , Room B

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- 10:40 - 11:55 General Session 2 Cleft Lip (I) O-006 ~ O-014  
Chairpersons: Sukwha Kim (Korea)  
Hideaki Rikimaru (Japan)
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- 10:40 - 10:45 O-006**  
(5min) The Role of Local NGO in Funding Multidisciplinary Cleft Management, a New Concept of Cleft Charity  
First Author: Prasetyanugraheni Kreshanti  
Affiliation: Plastic Surgery Div, Cleft & Craniofacial Center, Cipto Mangunkusumo Hospital-Universitas Indonesia, Indonesia
- 10:46 - 10:51 O-007**  
(5min) A COLLABORATIVE CLEFT MISSION TO REMOTE AREAS IN INDONESIA : INDONESIAN ARMY AND InaPRAS  
First Author: Siti Handayani  
Affiliation: Cleft Craniofacial Center, Plastic Surgery Div. Cipto Mangunkusumo Hospital - Faculty of Medicine Universitas Indonesia, Indonesia

- 10:52 - 10:57 O-008**  
(5min) Congenital Heart Disease Following Cleft Lip And Palate In Cleft Craniofacial Center Indonesia  
First Author: Siti Handayani  
Affiliation: Cleft Craniofacial Center, Plastic Surgery Div. Cipto Mangunkusumo Hospital Faculty of Medicine Universitas Indonesia, Indonesia
- 10:58 - 11:03 O-009**  
(5min) GOSLON assessment of New Zealand Unilateral Cleft Lip and Palate - an international comparison  
First Author: Peter V Fowler  
Affiliation: Christchurch Cleft Team, Hillmorton Hospital, Christchurch, NZ/Department of Paediatrics, Child and Youth Health, Faculty of Health Science and Medicine, University of Auckland NZ, New Zealand
- 11:04 - 11:09 O-010**  
(5min) A 20 Year Retrospective Clinical Study of One vs. Two-Stage Repair of Asymmetric Bilateral Cleft Lip  
First Author: KyungHoon Chung  
Affiliation: Chang Gung Memorial Hospital, Taoyuan, Taiwan / Craniofacial Foundation of Utah, Salt Lake City, UT USA / Primary Children's Hospital, Salt Lake City, UT, USA
- 11:09 - 11:22 Discussion 1**  
(13min)
- 11:22 - 11:27 O-011**  
(5min) Absorbable anchoring suture in unilateral cleft lip to prevent uplifted nasal floor deformity  
First Author: Yuta Nakajima  
Affiliation: Department of Plastic and Reconstructive Surgery, Shinchu University School of Medicine, Japan
- 11:28 - 11:33 O-012**  
(5min) Lateral Crural Reinforcement in Secondary Cleft Lip Nasal Deformity Through a Combined Lateral Crural Turn-over Flap and Strut Graft  
First Author: Baek-kyu Kim  
Affiliation: Department of Plastic and Reconstructive Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Korea
- 11:34 - 11:39 O-013**  
(5min) Bilateral Cleft Lip Repair:  
A Surgical Procedure Suitable for All Medical Environments  
First Author: Jae Hoon Jeong  
Affiliation: Department of Plastic and Reconstructive Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Seongnam, Korea
- 11:40 - 11:45 O-014**  
(5min) Aesthetic Rhinoplasty in the Cleft Patient – a systematic approach  
First Author: Lay-Hooi Lim  
Affiliation: Dept of Plastic & Reconstructive Surgery, Penang Hospital, Residency Road, Penang, Mlaysia
- 11:45 - 11:55 Discussion 2**  
(10min)

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13:30 - 14:45	General Session 3	Orthognathic Surgery (1)	O-015 ~ O-023
	Chairpersons: Jong-Woo Choi (Korea) Takayuki Honda (Japan)		

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<b>13:30 - 13:35</b>	<b>O-015</b>		
(5min)	Experience of treatment for aglossia-adaetylia syndrome (hypoglossia-hypodaetylia syndrome)		
	First Author: Yi Wang		
	Affiliation: Department of Plastic, Reconstructive and Aesthetic Surgery, Chiba University, Japan		
<b>13:36 - 13:41</b>	<b>O-016</b>		
(5min)	A 7 years' follow-up: Using Rigid External Distraction to change a cleft lip and palate girl's life		
	First Author: Yu-Jen Chang		
	Affiliation: Kaohsiung Chang Gung Memorial Hospital, Taiwan		
<b>13:42 - 13:47</b>	<b>O-017</b>		
(5min)	Surgical Treatment for Malocclusion due to Gigantism: a report of two cases.		
	First Author: Yoshinobu Imamura		
	Affiliation: Department of Plastic and Reconstructive Surgery, Nagasaki University Hospital, Japan		
<b>13:48 - 13:53</b>	<b>O-018</b>		
(5min)	Facial Nerve Palsy following Orthognathic Surgery in Patients with Congenital Craniofacial anomalies		
	First Author: JEE HYEOK CHUNG		
	Affiliation: Department of Plastic and Reconstructive Surgery, Seoul National University College of Medicine, Seoul, Korea		
<b>13:53 - 14:03</b>	<b>Discussion 1</b>		
(10min)			
<b>14:03 - 14:08</b>	<b>O-019</b>		
(5min)	Line Laser Assited Single-Splint Orthognathic Surgery for Facial Asymmetry Correction		
	First Author: Chung-Chih Yu		
	Affiliation: Mini Face Plastic Surgery Clinic, Taiwan		
<b>14:09 - 14:14</b>	<b>O-020</b>		
(5min)	Measurement After Mandible Distraction In Pierre-Robin Syndrome		
	First Author: Yi Ji		
	Affiliation: Nanjing Children's Hospital Affiliated to Nanjing Medical University, China		
<b>14:15 - 14:20</b>	<b>O-021</b>		
(5min)	Anatomical variations of the pterygoid plates and posterior maxilla in CLP and malocclusions		
	First Author: Maria Belen Leno		
	Affiliation: Craniofacial Center and Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Chang Gung University, Taiwan		
<b>14:21 - 14:26</b>	<b>O-022</b>		
(5min)	Does orthognathic surgery influence speech production? - observation using electropalatography-		
	First Author: Ichiro Yamamoto		
	Affiliation: Yamamoto Dental Clinic, Japan		

**14:27 - 14:32 O-023**  
(5min) **SOFT AND HARD TISSUE CHANGES AFTER BIMAXILLARY SURGERY IN CLASS III PATIENT**  
First Author: Do Tien Hai  
Affiliation: National Hospital of Odonto-Stomatology at Ho Chi Minh city, Viet Nam

**14:32 - 14:45 Discussion 2**  
(13min)

**15:10 - 15:30 coffee break**

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15:30 - 17:00 General Session 4 Craniofacial Trauma (2) O-024 ~ O-034  
Chairpersons: Magda Hutagulung (Indonesia)  
Masaaki Kosaka (Japan)

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**15:30 - 15:35 O-024**  
(5min) **Correction of Hemifacial Deformity with Implant and a Prefabricated, Expanded Supraclavicular Flap**  
First Author: Cheng Chun Wu  
Affiliation: Kaohsiung Chang Gung Memorial Hospital, Taiwan

**15:36 - 15:41 O-025**  
(5min) **Eye pop-out and slit mouth: The compression effect of shockwave in nuclear explosion**  
First Author: Teruichi Harada  
Affiliation: Seitokai Medical and Social Welfare Corporation, Japan

**15:42 - 15:47 O-026**  
(5min) **Correction of the severe orbital deformity of unilateral orbitotemporal neurofibromatosis with conco**  
First Author: hai xin ye  
Affiliation: China

**15:48 - 15:53 O-027**  
(5min) **Giant ossifying fibroma - developing world pathology managed in the developed world**  
First Author: Mark Harold MOORE

**15:54 - 15:59 O-028**  
(5min) **Different onset patterns of eight pediatric orbital blowout fractures with oculo-cardiac reflex**  
First Author: Masaaki Kosaka  
Affiliation: Department of Plastic Surgery, International University of Health and Welfare Hospital, Tochigi, Japan

**15:59 - 16:10 Discussion 1**  
(11min)

**16:10 - 16:15 O-029**  
(5min) **Reconstruction of orbital floor fractures with a resorbable plate and fractured bone fragments**  
First Author: Sayuri Taniguchi  
Affiliation: YAO TOKUSHUKAI GENERAL HOSPITAL, Japan

**16:16 - 16:21 O-030**  
(5min) **Management of multiple midface fracture with Halo type distraction device**  
First Author: Hisako Ishise  
Affiliation: Hyogo College of Medicine, Department of Plastic surgery, Japan

- 16:22 - 16:27 O-031**  
(5min) 3 D model in peridiatric cranio-cranio-maxillofacial fractures:A retrospective study  
First Author: Jijun Zou  
Affiliation: China
- 16:28 - 16:33 O-032**  
(5min) The Use of Carrol Girrard Screw for Obtaining Optimal Reduction in Zygomatic Fractures  
First Author: Indri Aulia  
Affiliation: Plastic Surgery Div, Cleft & Craniofacial Centre, Cipto Mangunkusumo Hospital - Universitas Indonesia, Indonesia
- 16:34 - 16:39 O-033**  
(5min) Study of the necessity of lower eyelid incision in ORIF for zygomatic bone fracture  
First Author: Yuta Moriwaki  
Affiliation: St. Luke's International Hospital, Japan
- 16:40- 16:45 O-034**  
(5min) Modified External Dacryocystorhinostomy in Traumatic Nasolacrimal Duct  
First Author: Siti Handayani  
Affiliation: Cleft Craniofacial Center Cipto Mangunkusumo Hospital , Universitas Indonesia, Indonesia
- 16:45 - 17:00 Discussion 2**  
(15min)
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- 17:00 - 18:20 General Session 5 Craniosynostosis (1) O-035 ~ O-044  
Chairpersons: Yong Oock Kim (Korea)  
Masanobu Yamashita (Japan)
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- 17:00 - 17:05 O-035**  
(5min) Treated Unilateral Lambdoid Synostosis Using Cranium Distraction Osteogenesis with Zshaped Osteotomy  
First Author: Weimin Shen  
Affiliation: , China
- O-036 Cancelled**
- 17:06 - 17:11 O-037**  
(5min) Internal Distraction Osteogenesis with Piezosurgery Oblique Osteotomy For the Coronal Synostosis  
First Author: Weimin Shen  
Affiliation: China
- 17:12 - 17:17 O-038**  
(5min) Fronto-orbital advancement: To distract or not to distract?  
First Author: Masanobu Yamashita  
Affiliation: Department of Plastic and Reconstructive Surgery, Kanazawa Medical University, Japan
- 17:18 - 17:23 O-039**  
(5min) Endocranial morphology change according to ages in one-piece advancement using distraction  
First Author: Woo Shik Jeong  
Affiliation: Asan medical center / College of medicine, University of Ulsan, Korea
- 17:23 - 17:35 Discussion 1**  
(12min)

- 17:35 - 17:40**    **O-040**  
(5min)    Transmaxillary sinus approach for Le Fort II osteotomy  
First Author: Shinji Kobayashi  
Affiliation: Department of Plastic and Reconstructive Surgery, Kanagawa Children's Medical Center, Japan
- 17:41 - 17:46**    **O-041**  
(5min)    Surgical Navigation assisted Midface Osteotomy in Syndromic Craniosynostosis  
First Author: Thomas Mon-Hsian Hsieh  
Affiliation: Divison of Plastic Surgery, Department of Surgery, National Taiwan University Hospital, Taiwan
- 17:47 - 17:52**    **O-042**  
(5min)    Four-year Experience in Treating Syndromic Craniosynostosis In Eastern Indonesia  
First Author: Magda Rosalina Hutagalung  
Affiliation: Staff Department of Plastic Reconstructive and Aesthetic Surgery, Faculty of Medicine Universitas Airlangga, Universitas Airlangga Hospital, Department of Plastic Reconstructive and Aesthetic Surgery, Faculty of Medicine Universitas Airlangga, Universitas Indonesia, Indonesia
- 17:53 - 17:58**    **O-043**  
(5min)    Apert syndrome - long term outcomes of early posterior and anterior cranial vault remodelling.  
First Author: Mark Harold MOORE  
Affiliation: Australian Craniofacial Unit, Australia
- 17:59 - 18:04**    **O-044**  
(5min)    A prosthesis for cranial suture reconstruction--"Growth fracture"  
First Author: Jianbing Chen  
Affiliation: China
- 18:05 - 18:20**    **Discussion 2**  
(15min)

## December 1st , Room C

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10:40 - 11:15    General Session 6        Facialcleft O-045~ O-048  
Chairpersons: Nond Rojvachiranonda (Thailand)  
Kaneshige Satoh (Japan)

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- 10:40 - 10:45**    **O-045**  
(5min)    THE PROFILE OF PALATAL INDEX AND FISTULA FORMATION IN CLEFT CRANIOFACIAL CENTER CIPTO MANGUNKUSUMO  
First Author: Siti Handayani  
Affiliation: Cleft Craniofacial Center, Plastic Surgery Div. Cipto Mangunkusumo Hospital Faculty of Medicine Universitas Indonesia, Indonesia
- 10:46 - 10:51**    **O-046**  
(5min)    A technique for moderate bilateral cleft lip repairing  
First Author: Jianbing Chen  
Affiliation: China



- 10:52 - 10:57 O-047**  
(5min) Median cleft lip with bifid nose deformity:experience of surgical procedure using cleft margin flap  
First Author: Songsu Kang  
Affiliation: Department of Plastic & Reconstructive Surgery, Osaka City General hospital, Japan
- 10:58 - 11:03 O-048**  
(5min) LOCAL FLAPS FOR TESSIER FACIAL CLEFT RECONSTRUCTION  
First Author: Lobredia Zarasade  
Affiliation: Medical Faculty Airlangga University Indonesia, Indonesia
- 11:03 - 11:15 Discussion**  
(12min)
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- 11:15 - 12:20 General Session7 Facial Palsy / Micellaneous O-124,O-049~ O-055  
Chairpersons: Hiroshi Nishikawa (United Kingdom)  
Ayato Hayashi (Japan)
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- 11:15 - 11:20 O-124**  
(5min) Modified Lengthening Temporalis Myoplasty through an Intraoral approach  
First Author: Ayato Hayashi  
Affiliation: Department of plastic and reconstructive surgery, Juntendo University School of Medicine, Japan
- 11:21 - 11:26 O-049**  
(5min) The Modified Lengthening Temporalis Myoplasty to Avoid a Nasolabial Fold Scar  
First Author: Akiteru Hayashi  
Affiliation: Dept of Plast and Reconstr Surg, Toho Univ Sakura Med Center, Japan
- 11:27 - 11:32 O-050**  
(5min) Lengthening Temporalis Myoplasty for Patients with Facial Paralysis due to Malignant Parotid Tumors  
First Author: Tetsuya Okaneya  
Affiliation: Department of Plastic and Reconstructive Surgery, Toho University Oomori Medical Center, Tokyo, Japan
- 11:33 - 11:38 O-051**  
(5min) Our therapeutic strategy for pathological synkinesis and contracture following facial nerve palsy  
First Author: Ichiro Tanaka  
Affiliation: Division of Plastic and Reconstructive Surgery, Ichikawa General Hospital, Tokyo Dental College, Japan
- 11:38 - 11:47 Discussion 1**  
(9min)
- 11:47 - 11:52 O-052**  
(5min) Our treatment for 109 patients of vascular malformations of the head and neck  
First Author: Go Yasui  
Affiliation: Department of Plastic and Reconstructive Surgery, Tonan hospital, Japan
- 11:53 - 11:58 O-053**  
(5min) INTRA-LESIONAL ALCOHOL INJECTION FOR FACIAL VASCULAR MALFORMATION; TREATMENT AND CHALLENGES  
First Author: Prasetyanugraheni Kreshanti  
Affiliation: Plastic Surgery Div, Cleft and Craniofacial Center, Cipto Mangunkusumo Hospital- Universitas Indonesia, Indonesia

**11:59 - 12:04 O-054**  
(5min) **OUR EXPERIENCE IN MOBILIZING THE ARMY FOR CLEFT MISSION**  
First Author: Denny Irwansyah  
Affiliation: Indonesian Army Central Hospital, Indonesia

**12:05 - 12:10 O-055**  
(5min) **Daily practice of Professional Plastic Surgeon in Mandalay General Hospital, Upper Myanmar**  
First Author: Khin Malar Win  
Affiliation: Department of Burn, Plastic, Maxillofacial and Oral Surgery, Mandalay General Hospital, Ministry of Health and Sports, Myanmar

**12:10 - 12:20 Discussion 2**  
(10min)

**12:30-13:10 APCA Business Meeting**

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13:30-14:30 General Session 8 Hemifacial Microsomia O-056~ O-062  
Chairpersons: Yong Chen POR (Singapore)  
Yoshimichi Imai (Japan)

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**13:30 - 13:35 O-056**  
(5min) **Temporal Bone Resorption: An Uncommon Complication After Mandibular Distraction**  
First Author: Shi Feng  
Affiliation: Plastic Surgery Hospital, Peking Union Medical College, Chinese Academy of Medical Sciences, China

**13:36 - 13:41 O-057**  
(5min) **Early adolescent maxillomandibular distraction for single-stage hemifacial microsomia correction**  
First Author: Gavin Kang  
Affiliation: Department of Plastic, Reconstructive and Aesthetic Surgery, KK Women's and Children's Hospital, Singapore

**13:42 - 13:47 O-058**  
(5min) **Esthetic and economical facial contour reconstruction using vascularized adipose perforator flaps**  
First Author: Shuhei Yoshida  
Affiliation: Department of Plastic and Reconstructive Surgery, The University of Tokyo, Japan

**13:47 - 13:55 Discussion 1**  
(8min)

**13:55 - 14:00 O-059**  
(5min) **Evaluation of projection stability of the auricles elevated by an axial TPF method and a TPF pocket**  
First Author: Takashi Kurabayashi  
Affiliation: Dokkyo medical university, Japan

**14:01 - 14:06 O-060**  
(5min) **Establishment of a standardized technique for concha-type microtia**  
First Author: Takatoshi Yotsuyanagi  
Affiliation: Sapporo Medical University School of Medicine, Japan

- 14:07 - 14:12 O-061**  
(5min) **20 Year Experience of Total Auricular Reconstruction Using Tissue Expander**  
First Author: Tsuyoshi KANEKO  
Affiliation: Division of Plastic Surgery, Department of Surgical Specialties National Center for Child Health and Development, Tokyo, Japan
- 14:13 - 14:18 O-062**  
(5min) **Regenerated ears from auricular chondrocytes by using two-stage implantation in microtia treatment**  
First Author: Hiroko Yanaga  
Affiliation: Yanaga Clinic and Tissue Culture Laboratory, Japan
- 14:18 - 14:30 Discussion 2**  
(12min)

## December 2nd , Room A

- 9:00 - 9:30 Invited Lecture 2**  
Experience of posterior calvarial distraction at the Birmingham Children's Hospital. A ten year review  
Lecturer: Hiroshi Nishikawa (United Kingdom)  
Moderator: Soh Nishimoto (Japan)
- 9:35 - 11:15 Panel Session 3**  
Management of Syndromic Craniosynostosis in Asian Pacific Region  
Moderators: Mark Moore (Australia)  
Takeshi Miyawaki (Japan)
- 11:25 - 12:25 Luncheon Seminar 2**  
LS2-1  
New Biomimetic Bone Regenerative Material from Japan: Octacalcium Phosphate and Collagen Composite (OCP/Collagen)  
Lecturer: Shinji Kamakura, D.D.S., Ph.D. (Bone Regenerative Engineering Laboratory, Graduate School of Biomedical Engineering, Tohoku University, Japan)  
LS2-2  
Clinical application of OCP/Collagen in oral surgery  
Lecturer: Tadashi Kawai, D.D.S., Ph.D. (Division of Oral and Maxillofacial Surgery, Tohoku University Graduate School of Dentistry, Japan)  
Moderator: Izumi Asahina (Nagasaki University Graduate School of Biomedical Sciences)  
Co-Sponser: TOYOBO CO., LTD.

## December 2nd , Room B

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- 9:35 - 11:15 General Session 9 Cleft Lip (2) O-063~ O-073, O-125  
Chairpersons: Lay-Hooi Lim (Malaysia)  
Shunsuke Yuzuriha (Japan)
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- 09:35 - 09:40 O-063**  
(5min) Palate Repair in Basal Transsphenoidal Meningoencephalocele with Median Cleft Palate: an Evidence B  
First Author: Gadia Ayundya Duhita  
Affiliation: Plastic Surgery Div, Cleft & Craniofacial Center, Cipto Mangunkusumo Hospital-Universitas Indonesia, Indonesia
- 09:41 - 09:46 O-064**  
(5min) HIPK2 mediates the IRF6 regulating apoptosis mechanism during palatal fusion  
First Author: Chen-Yeh Ke  
Affiliation: Department of Plastic and Reconstructive Surgery, and Craniofacial Research Center, Chang Gung Memorial Hospital, Chang Gung University, Taoyuan, Taiwan

- 09:47 - 09:52 O-065**  
(5min) Preferred Surgical Technique for Wide Cleft Palate to Decrease the Risk of Oronasal Fistula  
First Author: Prasetyanugraheni Kreshanti  
Affiliation: Cleft & Craniofacial Center, Plastic Surgery Div, Cipto Mangunkusumo Hospital-Universitas Indonesia, Indonesia
- 09:53 - 09:58 O-066**  
(5min) Furlow palatoplasty with PF: The ultimate technique for reconstruction of velopharyngeal function  
First Author: Elva Jia-Ying Lim  
Affiliation: Chang Gung Memorial Hospital, Taiwan
- 09:58 - 10:08 Discussion 1**  
(10min)
- 10:08 - 10:13 O-067**  
(5min) Quantitative analysis of Nasopharyngeal Endoscopic Images: Development and Clinical Applications  
First Author: Changsik Pak  
Affiliation: Department of Plastic and Reconstructive Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Korea
- 10:14 - 10:19 O-068**  
(5min) Resonance Outcomes of Orticochea Pharyngoplasty for Velopharyngeal Incompetence  
First Author: Seung Min Nam  
Affiliation: Department of Plastic and Reconstructive Surgery, College of Medicine, Soonchunhyang University, Korea
- 10:20 - 10:25 O-069**  
(5min) Assessment of bioabsorbable hydroxyapatite for secondary bone grafting in unilateral alveolar cleft  
First Author: Reiko Sakio  
Affiliation: Department of Plastic and Reconstructive Surgery, Keio University School of Medicine, Japan
- 10:26 - 10:31 O-070**  
(5min) Primary Repair of Incomplete Unilateral Cleft Lip: from microform to near-complete  
First Author: Woo Shik Jeong  
Affiliation: Asan Medical center / College of medicine, University of Ulsan, Korea
- 10:31 - 10:41 Discussion 2**  
(10min)
- 10:41 - 10:46 O-071**  
(5min) Nasoalveolar molding in complete unilateral cleft lip or complete unilateral cleft lip and palate  
First Author: Shiaw-Yu Chang  
Affiliation: Chang Gung University, Taoyuan, Taiwan
- 10:47 - 10:52 O-072**  
(5min) Nasoalveolar molding therapy in cleft - experience in 56 patients of a single tertiary care centre  
First Author: Narayan H. Gandedkar  
Affiliation: KK Women's and Children's Hospital, Singapore
- 10:53 - 10:58 O-073**  
(5min) Repair of the Nasal Floor by the Cleft Margin Flap in the Bilateral Complete Cleft Lip  
First Author: Jumpei Tsumoto  
Affiliation: Osaka City General Hospital, Japan

**10:59 - 11:04 O-125**  
(5min) Is the nasal septal cartilage treatment at the primary unilateral cleft lip repair effective?  
First Author: Masayuki Miyata  
Affiliation: Department of Plastic and Reconstructive Surgery  
Niigata University Graduate School of Medical and Dental Sciences, Japan

**11:04 - 11:15 Discussion 3**  
(11min)

## December 2nd , Room C

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9:35 - 11:15 General Session 10 Craniofacial Research O-074~ O-085  
Chairpersons: Peter Anderson (Australia)  
Ikkei Tamada (Japan)

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**09:35 - 09:40 O-074**  
(5min) Epidemiology of Orofacial Clefts at Gatot Soebroto Army Central Hospital, Indonesia  
First Author: Denny Irwansyah  
Affiliation: Indonesian Army Central Hospital, Indonesia

**09:41 - 09:46 O-075**  
(5min) Epidemiologic Profile of Cleft Patients in Cleft and Craniofacial Center Cipto Mangunkusumo Hospital  
First Author: Prasetyanugraheni Kreshanti  
Affiliation: Cleft & Craniofacial Center, Cipto Mangunkusumo Hospital-Universitas, Indonesia

**09:47 - 09:52 O-076**  
(5min) Presurgical Nasoalveolar Molding for Cleft Lip and Palate: The Application of Digitally Designed Molds  
First Author: Yan Zhang  
Affiliation: Department of Plastic and Reconstructive Surgery, Shanghai 9th People's Hospital, Shanghai Jiao Tong University School of Medicine, China

**09:53 - 09:58 O-077**  
(5min) Precise positioning of intraoral distractor for hemifacial microsomia using Augmented reality.  
First Author: Haisong Xu  
Affiliation: Department of Plastic and Reconstructive Surgery, Shanghai 9th People's Hospital, Shanghai Jiao Tong University School of Medicine, China

**09:58 - 10:08 Discussion 1**  
(10min)

**10:08 - 10:13 O-078**  
(5min) EFFECT OF PLATELET RICH PLASMA (PRP) TO AUTOGENOUS BONE GRAFT  
First Author: Arif Tri Prasetyo  
Affiliation: Department of Plastic Reconstructive and Aesthetic Surgery, Faculty of Medicine Airlangga University, Indonesia

- 10:14 - 10:19**    **O-079**  
(5min)            Regenerative potential of adipose-derived stem cells from the prominent fat pads in lower eyelids  
                         First Author: Guangpeng Liu  
                         Affiliation: Shanghai Tenth People's Hospital, Department of Plastic and Reconstructive Surgery, China
- 10:20 - 10:25**    **O-080**  
(5min)            Identification of Peri-Orbital Regions Likely to Result in Optic Canal Fracture When Struck  
                         First Author: Tomohisa Nagasao  
                         Affiliation: Department of Plastic Surgery, Medical School of Kagawa University, Japan
- 10:26 - 10:31**    **O-081**  
(5min)            Craniofacial features of GPC1 & GPC3 compound knockout mice  
                         First Author: Peter Anderson  
                         Affiliation: Australian Craniofacial Center, Adelaide, Australia
- 10:31 - 10:41**    **Discussion 2**  
(10min)
- 10:41 - 10:46**    **O-082**  
(5min)            Treating Parry-Romberg Syndrome Using Three-Dimensional Scanning and Printing  
                         First Author: Gang Chai  
                         Affiliation: Department of Plastic and Reconstructive Surgery, Shanghai 9th People's Hospital, Shanghai Jiao Tong University School of Medicine, China
- 10:47 - 10:52**    **O-083**  
(5min)            Effectiveness of a Novel Augmented Reality-Based Navigation System in Treatment of Orbital Hypertelo  
                         First Author: Ming Zhu  
                         Affiliation: Department of Plastic and Reconstructive Surgery, Shanghai 9th People's Hospital, Shanghai Jiao Tong University School of Medicine, China
- 10:53 - 10:58**    **O-084**  
(5min)            Mandibular angle split osteotomy based on a novel augmented reality navigation using specialized robot  
                         First Author: Li Lin  
                         Affiliation: Department of Plastic and Reconstructive Surgery, Shanghai 9th People's Hospital, Shanghai Jiao Tong University School of Medicine, China
- 10:59 - 11:04**    **O-085**  
(5min)            A Quantitative Assessment System of Facial Attractiveness in Patients with Cleft-orthognathic Surger  
                         First Author: Hsiu-Hsia Lin  
                         Affiliation: Craniofacial Research Center, Chang Gung Memorial Hospital, Taoyuan, Taiwan
- 11:04 - 11:15**    **Discussion 3**  
(11min)

## December 3rd , Room A

**9:00 - 10:30 Special Lectures**

Management of Hemifacial Microsomia (including microtia)

**SL-1**

Microtia Reconstruction Using Autogenous Costal Cartilage

Lecturer: Chul Park (Korea)

Moderator: Takatoshi Yotsuyanagi (Japan)

**SL-2**

Aesthetic improvements in craniofacial surgery

Lecturer: Eric Arnaud (France)

Moderator: Yasushi Sugawara (Japan)

**10:40 - 12:10 Panel Session 4**

Management of Hemifacial Microsomia (including microtia)

Moderators: Vincent Yeow (Singapore)

Hiroataka Asato (Japan)

**12:20 - 13:20 Luncheon Seminar 3**

**LS3**

Clinical Application of Cone-beam CT in Cranio-Maxillofacial Field – Hard Tissue to Soft Tissue, and Form Analysis to Functional Analysis –

Lecturer: Kenji Kusumoto (Plastic and Reconstructive Surgery, Kansai Medical University, Japan)

Moderator: Ko Hosokawa (Department of Plastic Surgery, Osaka University Graduate School of Medicine, Japan)

Co-Sponser: J. MORITA MFG. CORP.

**13:30 - 14:00 Invited Lecture 3**

The Management of Noma

Lecturer: Hiroshi Nishikawa (United Kingdom)

Moderator: Kensuke Kiyokawa (Japan)

**14:00 - 15:40 Panel Session 5**

Craniofacial Orthodontic Surgery -Assessment of Results by Orthodontist-

Moderators: Chooi-See Khoo (Malaysia)

Takafumi Susami (Japan)

**15:40 - 16:00 coffee break**



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16:00 - 17:00 General Session 11 Head & Neck (1) O-086~ O-092

Chairpersons: Cheng Chun Wu (Taiwan)  
Shigeo Kyutoku (Japan)

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**16:00 - 16:05 O-086**

(5min) Computer-aided surgical planning for extensive composite mandibular defect reconstruction

First Author: Jun Yong Lee

Affiliation: Incheon St. Mary's Hospital / The Catholic University of Korea, Korea

**16:06 - 16:11 O-087**

(5min) Evaluation of unilateral registration-splint for surgical navigation in midfacial surgery

First Author: Shoko Tsujiko

Affiliation: Kyoto Prefectural University of Medicine, Japan

**10:12 - 16:17 O-088**

(5min) How to deal with the intra-op defect size change using CAD/CAM guides in maxillary reconstruction

First Author: Daiki Morita

Affiliation: Kyoto Prefectural University of Medicine, Japan

**16:18 - 16:23 O-089**

(5min) Hemiforehead flap for reconstruction of composite facial defects

First Author: Masao Fujiwara

Affiliation: Department of Plastic and Reconstructive Surgery, Hamamatsu University School of Medicine, Japan

**16:23 - 16:35 Discussion 1**

(12min)

**16:35 - 16:40 O-090**

(5min) Fascia bow traction method for the treatment of unilateral paralysis of the marginal mandibular nerve

First Author: Sumiko Yoshitatsu

Affiliation: Department of Plastic Surgery, Osaka National Hospital, Japan

**16:41 - 16:46 O-091**

(5min) Aesthetical reconstruction with combined method for large facial defects

First Author: Ayaka Deguchi

Affiliation: Department of Plastic and Reconstructive Surgery, Osaka City University Graduate School of Medicine, Japan

**16:47 - 16:52 O-092**

(5min) Our Strategy for Blocking between Cranial and Nasal Cavities in Skull Base Surgery

First Author: Hiroki Yano

Affiliation: Department of Plastic and Reconstructive Surgery, Nagasaki University Hospital, Japan

**16:52 - 17:00 Discussion 2**

(8min)

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17:00 - 17:35 General Session 12 Craniofacial Trauma (3) O-093~ O-096

Chairpersons: Jui-Pin Lai (Taiwan)  
Tetsuji Uemura (Japan)

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**17:00 - 17:05 O-093**

(5min) Composite concrete, consists of calcium phosphate cement and hydroxyapatite granules

First Author: Soh Nishimoto

Affiliation: Department of Plastic Surgery, Hyogo College of Medicine, Japan

**17:06 - 17:11 O-094**

(5min) Long-term progress of 6 pediatric patients who underwent cranioplasty by using artificial bone

First Author: Daisuke Yamauchi

Affiliation: School of Medicine, Kurume University, Japan

**17:12 - 17:17 O-095**

(5min) Maxillofacial Injuries due to Bear Mauling

First Author: Takayuki Honda

Affiliation: Department of Plastic and Reconstructive Surgery, Iwate Medical University, Japan

**17:18 - 17:23 O-096**

(5min) Mobile intraoperative cone beam computed tomography for craniofacial surgery

First Author: Kazuhiko Maeda

Affiliation: Department of Plastic and Reconstructive Surgery, Kyoto University  
Postgraduate School of Medicine, Japan

**17:23 - 17:35 Discussion**

(12min)

**17:35 - 17:45 Closing Address**

Keisuke Imai (Japan)

**December 3rd , Room B**

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10:40 - 11:20 General Session 13 Craniofacia Aesthetic O-097~ O-101

Chairpersons: Min-Sung Tak (Korea)  
Tanetaka Akizuki (Japan)

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**10:40 - 10:45 O-097**

(5min) Postoperative Complications Associated with Reduction Malarplasty via Intraoral approach: A Meta Analysis

Short title: Meta-analysis of complications after reduction malarplasty.

First Author: Yujin Myung

Affiliation: Department of Plastic and Reconstructive Surgery, Seoul National University  
Bundang Hospital, Seoul National University College of Medicine, Korea

**10:46 - 10:51 O-098**

(5min) Treatment Expercience for the Facial Contour of Two Patients with Auriculocondylar syndrome

First Author: XIAOJUN TANG

Affiliation: PLASTIC SURGERY HOSPITAL PUMC, China

- 10:52 - 10:57 O-099**  
 (5min) **Forehead Feminization by Bone Dust Autograft**  
 First Author: Charan - Mahatumarat  
 Affiliation: Department of Plastic Surgery, Chulalongkorn University, Bangkok, Thailand
- 10:58 - 11:03 O-100**  
 (5min) **Correction of Severe Short Nose Using Distraction Osteogenesis: Development of a New Device**  
 First Author: Shin-ichiro Hashiguchi  
 Affiliation: Department of Plastic and Reconstructive Surgery and Maxillofacial Surgery, Kurume University, Japan
- 11:04 - 11:09 O-101**  
 (5min) **Simplified strategies in Corrective rhinoplasty for Asian deviated nose**  
 First Author: ChanSu Kang  
 Affiliation: Department of Plastic and Reconstructive Surgery, Yeungnam University Medical center, Korea
- 11:09 - 11:20 Discussion**  
 (11min)

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11:20 - 12:00 General Session 14 Orthognathic Surgery (2) O-102~ O-107  
 Chairpersons: Zhiyong Zhang (China)  
 Masataka Akimoto (Japan)

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- 11:20 - 11:25 O-102**  
 (5min) **Is paranasal augmentation effective for maxillary hypoplasia correction in cleft lip/palate patient?**  
 First Author: Yong Seok Lee  
 Affiliation: Department of Plastic and Reconstructive Surgery, Yonsei University College of Medicine, Korea
- 11:26 - 11:31 O-103**  
 (5min) **Observation and nursing of complications:infants Pierre Robin sequence using mandibular distraction**  
 First Author: Lei Ma  
 Affiliation: China
- 11:32 - 11:37 O-104**  
 (5min) **Contour aesthetics as the first in the treatment of skeletal class III maxillofacial deformities**  
 First Author: Tao Wang  
 Affiliation: The Affiliated Stomatology Hospital of Chongqing Medical University, China
- 11:38 - 11:43 O-105**  
 (5min) **Accuracy of transferring 3D simulation of orthognathic surgery by using surgical guiding system.**  
 First Author: Jui-Pin Lai  
 Affiliation: Division of Plastic & Reconstructive Surgery / Department of Surgery / Kaohsiung Chang Gung Memorial Hospital, Taiwan
- 11:44 - 11:49 O-106**  
 (5min) **Maximizing the aesthetic outcome: The CAD/CAM customized, 3D-printed spacers in orthognathic surgery**  
 First Author: Sarayuth Dumrongwongsiri  
 Affiliation: Chang Gung Memorial Hospital, Taiwan

**O-107 Cancelled**

**11:49 - 12:00 Discussion**  
(11min)

**14:00-15:00 ISSiS Invited Lecture**

**Advances in Craniofacial Surgery for the Correction of Congenital Anomalies: From Bench Research to Current Practice**

Lecturer: Arun K. Gosain (USA)

Moderator: Tsuyoshi Kaneko (Japan)

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15:00 - 15:35 General Session 15 Head & Neck (2) O-108~ O-112

Chairpersons: Charan Manatumurat (Thailand)

Masao Kakibuchi (Japan)

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**15:00 - 15:05 O-108**

(5min)

**Designing a fixation guide with fibular segments in mandibular reconstruction**

First Author: Toshiaki Numajiri

Affiliation: Kyoto Prefectural University of Medicine, Japan

**15:06 - 15:11 O-109**

(5min)

**The Outcome of Different Osteotomy Length of Free Fibula Flaps for Head and Neck Reconstruction**

First Author: Mufida Muzakkie

Affiliation: Plastic Surgery Div, Cleft & Craniofacial Center, Cipto Mangunkusumo Hospital-Universitas, Indonesia

**15:12 - 15:17 O-110**

(5min)

**THE TEMPORAL MUSCLE DYNAMIC SUSPENSION OF FREE FLAPS FOR OROPHARYNGEAL RECONSTRUCTIONS**

First Author: Yumeji Takeichi

Affiliation: Daiyukai Daiichi Hospital, Japan

**O-111**

Cancelled

**15:18 - 15:23 O-112**

(5min)

**Eye Socket Reconstruction Using Costal Cartilages**

First Author: Hisashi Motomura

Affiliation: Department of Plastic and Reconstructive Surgery, Graduate School of Medicine, Osaka City University, Osaka, Japan

**15:23 - 15:35 Discussion**

(12min)

**15:40 - 16:00 coffee break**

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16:00-17:30 General Session 16 Craniosynostosis (2) O-113~ O-123

Chairpersons: XiongZheng Mu (China)

Hiroaki Sakamoto (Japan)

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- 16:00 - 16:05** **O-113**  
(5min) **Analysis of Morphologic Change in Lateral X-ray View after FOA with Cranial Distraction**  
First Author: Takeshi Masuoka  
Affiliation: Department of Plastic and Reconstructive Surgery, Osaka City General Hospital, Japan
- 16:06 - 16:11** **O-114**  
(5min) **Volumetric Changes after Fronto-Orbital Distraction in Patients with Syndromic Craniosynostosis**  
First Author: Daisuke Sakahara  
Affiliation: Department of Plastic and Reconstructive Surgery Osaka City General Hospital, Japan
- 16:12 - 16:17** **O-115**  
(5min) **Long term outcome conventional total cranial remodeling vs morcellation craniotomy with distraction**  
First Author: Yoshiaki Sakamoto  
Affiliation: Department of Plastic and Reconstructive Surgery, Keio University School of Medicine, Japan
- 16:17 - 16:25** **Discussion 1**  
(8min)
- 16:25 - 16:30** **O-116**  
(5min) **Molding helmet therapy for the infants with deformational plagiocephaly: our experience of 200 cases**  
First Author: Tsuyoshi Kaneko  
Affiliation: Plastic Surgery, National Center for Child Health and Development, Japan
- 16:31 - 16:36** **O-117**  
(5min) **Post-operative mental development in sagittal synostosis. Our experience with 21 patients.**  
First Author: Makoto Hikosaka  
Affiliation: Division of Plastic Surgery, National Center for Child Health and Development, Japan
- 16:37 - 16:42** **O-118**  
(5min) **A Preliminary Experience of Early Complications and Associated Perioperative Factors**  
First Author: Xiongzhen Mu  
Affiliation: Huashan Hospital, Shanghai, China
- 16:42 - 16:50** **Discussion 2**  
(8min)
- 16:50 - 16:55** **O-119**  
(5min) **Frontal Hyperostosis in the Patients of Craniosynostosis After Cranial Vault Expansion**  
First Author: Koji Kawamoto  
Affiliation: Department of Plastic and Reconstructive Surgery Osaka City General Hospital, Japan
- 16:56 - 17:01** **O-120**  
(5min) **Bumpy calvarial surface change after cranial expansion**  
First Author: Shigeo Kyutoku  
Affiliation: Reconstructive Plastic Surgery, Nara City Hospital, Japan
- 17:02 - 17:07** **O-121**  
(5min) **Aplasia cutis congenital a case of large scalp and skull defects treated with conservative approach**  
First Author: Hongyu Yin  
Affiliation: Plastic Surgery Hospital, Chinese Academy of Medical Science, Peking Union Medical College, China

- 17:08 - 17:13** **O-122**  
(5min) A case of frontonasal dysplasia undergone molecular diagnosis and posterior cranial distraction  
First Author: Azusa Shimizu  
Affiliation: Juntendo University Urayasu Hospital, Japan
- 17:14 - 17:19** **O-123**  
(5min) Unclassified overgrowth syndrome with craniofacial hyperostoses and lipomatosis suggesting mesodermal somatic mutation mosaicism  
First Author: Yoshitaka Kubota  
Affiliation: Department of Plastic Surgery, Chiba University, Japan
- 17:19 - 17:30** **Discussion 3**  
(11min)

## Posters

### **P-01**

#### **Hand and/or foot Deformities in Patients with Craniosynostosis**

First Author: SUNG TACK KWON

Affiliation: Department of Plastic and Reconstructive Surgery, Seoul National University College of Medicine, Seoul, Korea

### **P-02**

#### **Multiple suture craniosynostosis associated with Marshall-Smith syndrome: a case report**

First Author: Yuki Hasegawa

Affiliation: Tokyo Metropolitan Children's Medical Center, Japan

### **P-03**

#### **Five cases of trigonocephaly followed up for 8 years after cranioplasty: an interim report**

First Author: Yuuki Uchida

Affiliation: St Mary Hospital, Plastic Surgery, Japan

### **P-04**

#### **Cephalometric analysis of syndromic craniosynostosis after distraction and conventional method**

First Author: Shusaku Maeda

Affiliation: Department of Plastic and Reconstructive Surgery, Osaka City General Hospital, Japan

### **P-05**

#### **Severe Late Crouzon Syndrome, What To Do? When To Give Up?**

First Author: Indri lakhsmi Putri

Affiliation: Department of Plastic Reconstructive and Aesthetic Surgery, Faculty of Medicine, Airlangga University, Indonesia

### **P-06**

#### **Fronto-orbital advancement by distraction osteogenesis in infant for syndromic craniosynostosis**

First Author: Noritsugu Kunihiro

Affiliation: Department of Pediatric Neurosurgery, Osaka City General Hospital, Japan

### **P-07**

#### **Serial Case Reconstruction for Ectropion in Oro-Occular Clefts By Lateral Cantholysis, Lateral Tars**

First Author: Siti Isya Wahdini,

Affiliation: Indonesia

### **P-08**

#### **Bilateral Tessier Cleft Number 2 -12 with frontal bone defect: A case report**

First Author: Siti Handayani

Affiliation: Cleft Craniofacial Center Cipto Mangunkusumo Hospital, Universitas Indonesia, Indonesia

### **P-09**

#### **Case report: Oblique facial cleft (Tessier No. 2 & 12 cleft) with craniosynostosis**

First Author: Takanori j Miyajima

Affiliation: Fujita Health University, Japan

### **P-10**

#### **Morphology of the Aging Forehead in Northeast Asian: A Three Dimensional Computed Tomographic Study**

First Author: Hyung Suk Yi

Affiliation: Department of Plastic and Reconstructive Surgery, Kosin University College of Medicine, Busan, Korea

**P-11**

**The human embryonic research for the development of the nasal septum using geometric morphometrics**

First Author: Motoki Katsube

Affiliation: Kyoto University Graduate School of Medicine, Japan

**P-12**

**Swinging eyelid approach to the Zygomatic bone fracture**

First Author: Yoshitaka Wada

Affiliation: Wakayama Medical University, Japan

**P-13**

**The Extruded Bone Deformity after Closed Reduction of Nasal Bone Fractures**

First Author: Hiroshi Nishioka

Affiliation: Department of Plastic and Reconstructive Surgery, Ina Central Hospital, Japan

**P-14**

**Primary intraosseous meningioma in the frontal bone.**

First Author: Kazuya Kashiya

Affiliation: Department of Plastic Surgery, Maxillofacial Surgery Aesthetic Surgery, Tomishiro Central Hospital, Japan

**P-15**

**Correlation of the Orbital Volume Ratio with Enophthalmos in Unoperated Blowout Fractures**

First Author: DONG HYE KANG

Affiliation: Dankook University Hospital, Korea

**P-16**

**Intraoral blast injury in Children due to rocket-fireworks explosion: a case report**

First Author: Siti Handayani

Affiliation: Cleft Craniofacial Center, Plastic Surgery Div. Cipto Mangunkusumo Hospital - Faculty of Medicine Universitas Indonesia, Indonesia

**P-17**

**MANDIBULAR OCCLUSION COMPARISON IN OPEN REDUCTION VS CLOSED REDUCTION IN PATIENT WITH CONDYLAR MANDI**

First Author: Praseyanugraheni Kreshanti

Affiliation: Indonesia

**P-18**

**Consideration at Reconstruction of Scalp and Bone after Craniotomy**

First Author: Kenji Suzuki

Affiliation: Japan

**P-19**

**Reconstruction of large orbital floor defect due to postoperative maxillary sinus mucocele**

First Author: JIn kyung Song

Affiliation: KPRS, Korea

**P-20**

**Blowout fracture reduction using endoscopic approach**

First Author: Jae Woo Lee

Affiliation: Pusan National University Yangsan Hospital, Korea

**P-21**

**Importance of age in management of frontal sinus fractures**

First Author: Hiroki Karasawa

Affiliation: Japan



**P-22**

**Intra-op navigation assisted surgery with 2-D planning for zygomatic fracture management**

First Author: Yen-Chen Yu

Affiliation: Far Eastern Memorial Hospital, Taiwan

**P-23**

**Reconstruction of Complex Orbital Defects by Employing the Prefabricated Hydroxyapatite Implants**

First Author: Kosaku Yamamichi

Affiliation: Department of Plastic and Reconstructive Surgery, Fukuoka Sanno Hospital, Japan

**P-24**

**Indications for emergency surgery in pediatric orbital floor fractures**

First Author: Akiko Yamashita

Affiliation: Department of Plastic and Reconstructive Surgery, Kanazawa Medical University, Japan

**P-25**

**Report of a Case of Glial Heterotopia in the Temporal Region with Facial Bone Deformity**

First Author: Ryo Takanashi

Affiliation: Department of Plastic Surgery, Kyorin University School of Medicine, Japan

**P-26**

**Long term followup of cather's mask cranioplasty**

First Author: Masataka Akimoto

Affiliation: Nippon Medical School Chibahokuso Hospital, Plastic Surgery, Japan

**P-27**

**Fisher Anatomical Subunit Approximation Unilateral Cleft Lip Repair: Precise and Reliable**

First Author: Prasetyanugraheni Kreshanti

Affiliation: Plastic Surgery Div, Cleft & Craniofacial Center, Cipto Mangunkusumo Hospital-Universitas Indonesia, Indonesia

**P-28**

**Pre-operative Teaching For Primary Cleft Lip Repair**

First Author: Jie Min Jasmine Goh

Affiliation: KK Women's and Children's Hospital, Singapore

**P-29**

**Periumbilical dermal graft as a good option for volume enhancement in secondary cleft lip deformity**

First Author: Hongsil Joo

Affiliation: Hanil General Hospital, Korea

**P-30**

**Intraoral synechiae renders cleft lip and palate surgery impossible: a case report.**

First Author: Jenaleen Law

Affiliation: The Children's Hospital at Westmead, Sydney, Australia

**P-31**

**Non-surgical Correction of Cryptotia Using a Device with Dental Impression Material.**

First Author: Makoto Takahashi

Affiliation: Department of Plastic and Reconstructive Surgery, Osaka City General Hospital, Japan

**P-32**

**Nagata's Microtia wire may have a negligible artifact and heat effects with MRI imaging**

First Author: Kenya Fujita

Affiliation: Department of plastic and reconstructive surgery, Nagano Children's Hospital, Japan

**P-33**

**A CASE REPORT : POLYOTIA**

First Author: Caroline Fiona

Affiliation: Department of Plastic Reconstructive and Aesthetic Surgery, Faculty of Medicine, Airlangga University, Indonesia

**P-34**

**HEMIFACIAL MICROSOMIA ASSOCIATED WITH VASCULAR MALFORMATION OF VERTEBRAL: A CASE REPORT**

First Author: Arif Tri Prasetyo

Affiliation: Department of Plastic Reconstructive and Aesthetic Surgery, Faculty of Medicine Airlangga University, Indonesia

**P-35**

**Modified Dermis Graft for Basal Cell Carcinoma Defect of the Nose**

First Author: Shinobu Ayabe

Affiliation: Japan

**P-36**

**Reconstruction of Total Columellar Loss in Noma Using Double Nasolabial Flap and Costal Cartilage Gr**

First Author: Wilma agustina

Affiliation: Department of Plastic Reconstructive and Aesthetic Surgery, Faculty of Medicine, Airlangga University, Indonesia

**P-37**

**DIFFERENT APPROACH ON RECCURENT TEMPOROMANDIBULAR JOINT ANKYLOSIS WITH INTERPOSITIONAL ARTHROPLASTY**

First Author: Nikita R.L Gusti

Affiliation: Department of Plastic Reconstructive and Aesthetic Surgery, Faculty of Medicine, Airlangga University, Indonesia

**P-38**

**Keystone flap for soft tissue reconstruction of noma sequelae defect: an Evidence Based Case Report**

First Author: Nurardhilah Vityadewi

Affiliation: Plastic Surgery Div, Cleft & Craniofacial Center, Cipto Mangunkusumo Hospital-Universitas Indonesia, Indonesia

**P-39**

**Orthognathic Surgery in Patients with Complete Unilateral and Bilateral Cleft Lip and Palate**

First Author: JEE HYEOK CHUNG

Affiliation: Department of Plastic and Reconstructive Surgery, Seoul National University College of Medicine, Seoul, Korea

**P-40**

**A follow-up case with Williams syndrome from 5 to 24 years of age**

First Author: Tetsutaro Yamaguchi

Affiliation: Departments of Orthodontics, School of Dentistry, Showa University, Japan

**P-41**

**A novel CAD/CAM surgical splint for OGS intraoperative validation of the soft-hard tissue results**

First Author: Line Shin Niu

Affiliation: Craniofacial Research Center Chang Gung Memorial Hospital, Taiwan

**P-42**

**Bilateral sagittal split osteotomy without skeletal fixation**

First Author: Tomochika Kuroda

Affiliation: Department of Plastic and Reconstructive Surgery, Japan

**P-43**

**Problems of international "Committed Partnership" cooperation: A successful case of repair surgery**

First Author: Masaki Fujioka

Affiliation: National Hospital Organization Nagasaki Medical Center, Japan

**P-44**

**HELPING UNDER PRIVILEGED PATIENTS IN ASIA RECEIVE CRANIOFACIAL SURGERY IN KK WOMEN'S AND CHILDREN'S**

First Author: Josephine Cheng Hwee TAN

Affiliation: KK Women's and Children's Hospital Cleft and Craniofacial Centre, Singapore

**P-45**

**Retrospective Case Review of Infant Ear Corrective System for Congenital Ear Deformation**

First Author: Ming Fang Chiang

Affiliation: KK Women's and Children's Hospital, Singapore

**P-46**

**A CASE OF TETANUS DOUBTED AS TEMPOROMANDIBULAR JOINT DISLOCATION**

First Author: Masaki Aihara

Affiliation: Dept. of P.R.S., St. Marianna University, School of Medicine, Japan

**P-47**

**The use of a lateral orbital periosteal flap for posterior lamella reconstruction of lower eyelid**

First Author: Soshi Ishida

Affiliation: Department of Plastic and Reconstructive Surgery, Tokushima University Graduate School of Medical Science, Japan

**P-48**

**True lambdoid synostosis and the Mercedes Benz pattern synostosis 15 years experience in Sydney**

First Author: Jenaleen Law

Affiliation: The Children's Hospital at Westmead, Sydney, Australia

**P-49**

**Mask-like surgical simulation using three-dimensional mesh deformation method based on average model of normal skull for orthognathic surgery**

First Author: Chun-Hao Liao

Affiliation: Craniofacial Research Center, Chang Gung Memorial Hospital, Chang Gung University, Taiwan