

## Program

April 20(Wed), 2022  
Hearton Hall, B1F, Room Saffron

### Opening Ceremony 9:00~11:37

#### Memorial Ceremony for Late President Prof. K. E. Salyer

Chairperson: **S. M. Balaji** (*Balaji Dental and Craniofacial Hospital*)

#### Opening Announcement

Kazuto Hoshi

*Oral and Maxillofacial Surgery, Department of Sensory and Motor System Medicine Graduate School of Medicine, The University of Tokyo*

#### ICPF History & Contribution to ICPF by Prof. K. E. Salyer

#### Professor Kenneth E. Salyer and International Cleft Lip and Palate Foundation (ICPF)

Nagato Natsume

*Cleft Palate Center, Aichi Gakuin University Dental Hospital/Division of Research and Treatment for Oral and Maxillofacial Congenital Anomalies, School of Dentistry, Aichi Gakuin University*

#### Prof. Kenneth Salyer: The Surgeon Par Excellence and The Philanthropist

S. M. Balaji

*Balaji Dental and Craniofacial Hospital*

#### International Cleft Lip and Palate Foundation History & Contributions to ICPF by Prof. K. E. Salyer

Marie M. Tolarova

*Department of Orthodontics, University of the Pacific, Arthur A. Dugoni School of Dentistry*

#### Memorial Lecture

#### Celebrating the life of Dr Kenneth E Salyer- Pioneer in Craniofacial and Cleft Surgery

Akira Yamada

*Division of Pediatric Plastic Surgery, Northwestern University, Feinberg School of Medicine / Ann & Robert H. Lurie Children's Hospital of Chicago*

#### Video Message

Luci Salyer

*World Craniofacial Foundation*

#### Silent Prayer

#### Break

#### Greeting Words to the Delegates of the 14th World Congress of the ICPF

Koichi Ueda

*President of CLEFT OSAKA2022*

## Inauguration / Presidential Greetings

Marie M. Tolarova

*President of ICPF*

## Award Ceremony

### Humanitarian Award

Nagato Natsume

*Cleft Palate Center, Aichi Gakuin University Dental Hospital/Division of Research and Treatment for Oral and Maxillofacial Congenital Anomalies, School of Dentistry, Aichi Gakuin University*

### Precious Award

#### Comprehensive molecular diagnosis of patients with syndromic clefts

Mamiko Yamada

*Center for Medical Genetics, Keio University School of Medicine*

### Keynote Address

#### Perinatal family support surrounding facial cleft

Nobuhiko Hayashi

*FMF Japan, NPO for Family and Baby Wellness*

## Closing Word of Opening Ceremony

Yoshihide Mori

*Section of Maxillofacial Diagnostic and Surgical Sciences, Division of Dental Sciences, Kyushu University*

## Symposium 1 14:20~15:15

### Basic Research of Craniofacial Anomaly

Chairpersons: **Sachiko Iseki** (*Graduate School of Tokyo Med. & Dent. Univ.*)  
**Takashi Nuri** (*Osaka Medical and Pharmaceutical University*)

### Keynote Lecture

#### Application of morphometrics to researches on craniofacial anomalies

Sachiko Iseki

*Molecular Craniofacial Embryology, Tokyo Medical and Dental University Graduate School of Medical and Dental Sciences*

#### S1-1 Quantitative Morphological Analysis of Cranial Vault in Twist1<sup>+/-</sup> Mice: Implications in Craniosynostosis

Takashi Nuri<sup>1</sup>, Masato Ota<sup>2</sup>, Koichi Ueda<sup>1</sup>, Sachiko Iseki<sup>3</sup>

<sup>1</sup>Department of Plastic and Reconstructive Surgery, Osaka Medical and Pharmaceutical University,

<sup>2</sup>Food and Nutrition, Japan Women's University,

<sup>3</sup>Molecular Craniofacial Embryology, Tokyo Medical and Dental University

#### S1-2 Ontogenic trajectories of cranial growth in syndromic craniosynostosis mouse models

Masaki Takechi

*Department of Anatomy and Life Structure, Juntendo University*

- S1-3 Quantification of facial skeletal morphogenesis in the human fetus using geometric morphometrics**  
Motoki Katsube<sup>1</sup>, Shigehito Yamada<sup>2,3</sup>, Natsuko Utsunomiya<sup>1,2</sup>, Naoki Morimoto<sup>1</sup>  
<sup>1</sup>*Department of Plastic and Reconstructive Surgery, Kyoto University Graduate School of Medicine*  
<sup>2</sup>*Congenital Anomaly Research Center, Kyoto University Graduate School of Medicine,*  
<sup>3</sup>*Human Health Sciences, Kyoto University Graduate School of Medicine*

## Symposium 2 15:35~16:30

### Primary Repair of Unilateral Cleft Lip

Chairperson: **Shunsuke Yuzuriha** (*Shinshu University School of Medicine*)

#### Keynote Lecture

**Primary nasolabial repair of cleft lip starting by setting the height of the nasal dome**

Shunsuke Yuzuriha

*Department of Plastic and Reconstructive Surgery, Shinshu University School of Medicine*

**S2-1 Primary repair of unilateral cleft lip with various forms**

Yasuyoshi Tosa<sup>1,2</sup>

<sup>1</sup>*Operation Control Room, Showa University Hospital*

<sup>2</sup>*Department of Plastic and Reconstructive Surgery, Keio University School of Medicine*

**S2-2 Our primary cleft lip repair technique tailored for Asian patients that combines three surgical concepts**

Akihiko Oyama<sup>1</sup>, Emi Funayama<sup>2</sup>, Yuhei Yamamoto<sup>2</sup>

<sup>1</sup>*Department of Plastic and Reconstructive Surgery, Fukushima Medical University,*

<sup>2</sup>*Department of Plastic and Reconstructive Surgery, Hokkaido University*

**S2-3 Cleft Lip Anthropometry and Application in Cheiloplasty**

Yoshimichi Imai<sup>1</sup>, Chieko Miura<sup>1</sup>, Kaoru Igarashi<sup>2</sup>

<sup>1</sup>*Department of Plastic and Reconstructive Surgery, Tohoku University Graduate School of Medicine,*

<sup>2</sup>*Department of Orthodontics and Speech Therapy for Craniofacial Anomalies, Tohoku University Hospital*

**S2-4 Unilateral Cleft Lip Repair: A Technique for Creating Scarless Cupid's Bow Peaks**

Hiromu Masuoka

*Plastic and Reconstructive Surgery, Kansai Medical University*

April 21(Thu), 2022  
Hearton Hall, B1F, Room Saffron

### Symposium 3 9:00~10:30

#### Telemedicine for Speech Therapy

Chairpersons: **Ichiro Yamamoto** (*Yamamoto Denatal Clinic*)  
**Yuri Fujiwara** (*Osaka Health Science University*)

#### Keynote Lecture

##### **Telehealth for VCFS/22q and Cleft Palate Communication Disorders**

Karen J. Golding-Kushner

*The Golding-Kushner Speech Center and Golding-Kushner Consulting*

#### S3-1 **Telepractice for speech sound error related to cleft palate speech**

Toko Hayakawa

*Faculty of Psychological and Physical Science, Aichi Gakuin University*

#### S3-2 **The situation of speech therapy for cleft palate patients in Hokkaido**

Rina Takazawa<sup>1</sup>, Soichi Tanaka<sup>2</sup>, Tetsuya Seikai<sup>2</sup>, Izumi Sogabe<sup>3</sup>, Yumi Itoh<sup>2</sup>,  
Tomoo Kaneko<sup>4</sup>, Tadashi Mikoya<sup>4</sup>, Kazuhiro Matsushita<sup>4</sup>

<sup>1</sup>Division of Rehabilitation, Hokkaido University Hospital, <sup>2</sup>Department of Oral and Maxillofacial Surgery, Division of Oral Pathobiological Science, Graduate School of Dental Medicine, Hokkaido University, <sup>3</sup>Department of Health Sciences, Hokkaido Chitose College of Rehabilitation, <sup>4</sup>Center for Advanced Oral Medicine Clinic of Stomatognathic Function, Hokkaido University Hospital

#### S3-3 **Speech telepractice using electropalatography during the COVID-19 pandemic**

Yuri Fujiwara

*Department of Speech therapy, Osaka Health Science University*

### Symposium 4 10:50~11:45

#### Rhinoplasty of Unilateral Cleft Lip

Chairperson: **Tadashi Akamatsu** (*Tokai University*)

#### Keynote Lecture

##### **Repair of nasal deformity by reverse U incision and boot flap for free border deformity in unilateral cleft lip**

Koichi Ueda

*Department of Plastic and Reconstructive Surgery, Osaka Medical and Pharmaceutical University*

#### S4-1 **Our protocol of rhinoplasty for unilateral cleft lip**

Ushio Hanai

*Department of Plastic and Reconstructive Surgery, Tokai University School of Medicine*

#### S4-2 **Release of congenital contractures of the lower lateral cartilage facilitates columellar growth and definitive rhinoplasty**

Yoshimichi Imai

*Department of Plastic and Reconstructive Surgery, Tohoku University Graduate School of Medicine*

- S4-3 Treatment policy on primary rhinoplasty in unilateral cleft lip**  
Keisuke Okabe, Masaki Yazawa, Yoshiaki Sakamoto, Kazuo Kishi  
*Department of Plastic and Reconstructive Surgery, Keio University School of Medicine*
- S4-4 Experience in the Correction of external nasal deformity for Cleft Lip Patients in Fujita Health University**  
Yoshikazu Inoue  
*Department of Plastic surgery, Fujita Health University School of Medicine*

## Symposium 5 14:50~15:45

### Simulation Surgery of Cranio-maxillofacial Surgery

Chairperson: **Yuzo Komuro** (Teikyo University)

#### Keynote Lecture

##### **3D simulation of orthognathic surgery: A team approach**

Lun-Jou Lo

*Craniofacial Center, Plastic & Reconstructive Surgery, Chang Gung Memorial Hospital*

##### **S5-1 Foramen magnum decompression performed simultaneously with posterior cranial vault distraction**

Yuzo Komuro<sup>1</sup>, Daiki Senda<sup>2</sup>, Kazuaki Shimoji<sup>3</sup>

<sup>1</sup>Department of Plastic Surgery, Teikyo University, <sup>2</sup>Department of Plastic Surgery, Juntendo University, <sup>3</sup>Department of Neurosurgery, International University of Health and Welfare

##### **S5-2 Presurgical simulation in oral and maxillofacial surgery, risk management and prediction of appearance**

Tomohiro Yamada<sup>1</sup>, Parameswaran Anantanarayanan<sup>2</sup>, Yoshihide Mori<sup>1</sup>

<sup>1</sup>Section of Oral and Maxillofacial Surgery, Kyushu University, <sup>2</sup>Department of Oral and Maxillofacial Surgery, Meenakshi Ammal Dental College

##### **S5-3 Use of the “in-office” 3D printing for Craniomaxillofacial Surgery**

Yoshiaki Sakamoto

*Department of Plastic and Reconstructive Surgery, Keio University School of Medicine*

##### **S5-4 Surgical planning, surgery and postoperative adjustment with reference to normal cranial morphology using quantitative evaluation**

Takaya Senoo<sup>1</sup>, Joji Ishida<sup>2</sup>, Ryusho Hamada<sup>1</sup>, Sho Komagoe<sup>1</sup>, Yoshihiro Kimata<sup>1</sup>, Isao Date<sup>2</sup>

<sup>1</sup>Department of Plastic and Reconstructive Surgery, Okayama University Hospital, <sup>2</sup>Department of Neurosurgery, Okayama University Hospital

## Symposium 6 16:15~17:00

### Robin Sequence

Chairperson: **Shinji Kobayashi** (*Kanagawa Children's Medical Center*)

#### Keynote Lecture

##### **Robin Sequence: Overview and Treatment of Obstructive Respiratory Disorders**

Nobuyuki Mitsukawa

*Plastic, Reconstructive and Aesthetic Surgery, Chiba University, Graduate School of Medicine*

##### **S6-1 Mandibular Growth after Distraction Osteogenesis: Cases of Pierre Robin Sequence in Early Childhood**

Nobuyuki Mitsukawa

*Plastic, Reconstructive and Aesthetic Surgery, Chiba University, Graduate School of Medicine*

##### **S6-2 Growth and development in Pierre Robin sequence: National Center for Child Health and Development experience**

Makoto Hikosaka<sup>1</sup>, Tsuyoshi Kaneko<sup>1</sup>, Wataru Tsugu<sup>1</sup>, Miho Baba<sup>1</sup>, Eri Matoba<sup>2</sup>, Noriko Morimoto<sup>3</sup>, Yoshiyuki Baba<sup>4</sup>, Yuko Sato<sup>5</sup>

*<sup>1</sup>Division of Plastic Surgery, Department of Surgical Specialties, National Center for Child Health and Development, <sup>2</sup>Department of Plastic and Reconstructive Surgery, National Hospital Organization Tokyo Medical Center, <sup>3</sup>Division of Otolaryngology, Department of Surgical Specialties, National Center for Child Health and Development, <sup>4</sup>Division of Pedodontics/Orthodontics (Dentistry), Department of Surgical Specialties, National Center for Child Health and Development, <sup>5</sup>Division of Rehabilitation Medicine, Department of Surgical Specialties, National Center for Child Health and Development*

##### **S6-3 Clinical investigation of Pierre Robin sequence with cleft palate**

Kazunori Yasumura<sup>1</sup>, Shinji Kobayashi<sup>1</sup>, Madoka Sugiyama<sup>1</sup>, Keisuke Naruse<sup>2</sup>, Yuki Mizuno<sup>3</sup>, Takashi Hirakawa<sup>4</sup>, Toshihiko Fukawa<sup>5</sup>

*<sup>1</sup>Department of Plastic and Reconstructive Surgery, Kanagawa Children's Medical Center, <sup>2</sup>Department of Dentistry, Kanagawa Children's Medical Center, <sup>3</sup>Department of Speech Therapy, Kanagawa Children's Medical Center, <sup>4</sup>Hirakawa Orthodontic Clinic, <sup>5</sup>Fukawa Orthodontic Clinic*

Free paper 1: CLP Primary Surgery

- F01-01\*** **REPAIR OF BILATERAL CLEFT LIP AND PALATE WITH PREMAXILLA SETBACK OSTEOTOMY IN TRISOMY 17p PATIENT**  
Jessica Halim, Kristaninta Bangun  
*Faculty of Medicine Universitas Indonesia*
- F01-02\*** **LIMA Protocol for Cleft Palate Repair in Cleft and Craniofacial Centre Cipto Mangunkusumo Hospital Indonesia**  
Jessica Halim, Kristaninta Bangun, Vika Tania  
*Faculty of Medicine Universitas Indonesia*
- F01-03** **Curved line cleft lip repair in unilateral complete cleft lip patients**  
Taesuk Oh, Jeongmok Cho  
*Asan Medical Center*
- F01-04** **Factors to be Considered When Correcting Cleft Lip Nasal Deformities in Lesser-Form Cleft Lips patients**  
Taesuk Oh, Youngchul Kim, Daewon Hong  
*Asan Medical Center*
- F01-05\*** **Surgical outcomes of two-flap palatoplasty in Japanese: a retrospective two-center study**  
Kiichiro Yaguchi  
*Nagano Children's Hospital*
- F01-06** **Comparison of nasal symmetry in unilateral clefts: presurgical nasal stenting versus postsurgical nasal retainer placement**  
Emi Funayama<sup>1</sup>, Akihiko Oyama<sup>2</sup>, Toru Okamoto<sup>3</sup>, Masayuki Osawa<sup>1</sup>, Takahiro Miura<sup>1</sup>, Taku Maeda<sup>1</sup>, Kosuke Ishikawa<sup>1</sup>, Yuhei Yamamoto<sup>1</sup>  
*<sup>1</sup>Faculty of Medicine, Hokkaido University, <sup>2</sup>Fukushima Medical University, <sup>3</sup>Okamoto orthodontic clinic*
- F01-07\*** **A Case Report of Modified von Langenback's Palatoplasty with Bichet's Buccal Fat Pad**  
Mohd Kherman Suparman, Hazmyr Abdul Wahab, Zainal Ariff Abdul Rahman, Nazer Berahim  
*Universiti Teknologi MARA*
- F01-08\*** **A case of complete bilateral cleft lip successfully repaired with premaxillary setback**  
Yuzuka Oda, Yosuke Ojima, Nanako Ayabe, Maya Aoyagi, Yukiko Ida, Hajime Matsumura  
*Tokyo Medical University*

- F01-09\*** **Bilateral cleft lip and palate repair using Fisher's method and vomer flap**  
Hyun Jun Oh, Byoung-Moo Seo  
*Department of Oral and Maxillofacial Surgery, Seoul National University Dental Hospital*
- F01-10\*** **LIMITED ACCESS TO ALVEOLAR BONE GRAFT FOLLOWING PRIMARY CLEFT LIP AND PALATE REPAIR IN INDONESIA**  
Jessica Halim, Kristaninta Bangun  
*Faculty of Medicine Universitas Indonesia*
- F01-11\*** **Pre-surgical orthodontic treatment of children with unilateral cleft lip and palate**  
Adil Mamedov, Lina Mazurina, Anastasia Maklennan, Urii Volkov, Svetlana Parshikova  
*I.M.Sechenov Moscow State Medical University*
- F01-12** **Surgical Treatment of Submucous Cleft Palate**  
Dmytro Karavanov  
*Oberig Clinic, Kyiv, Ukraine*
- F01-13** **Keloid development after cheiloplasty in cleft lip patients**  
Haruna Tokunaga, Nobuyuki Mitsukawa, Shinsuke Akita, Yoshitaka Kubota  
*Chiba University Hospital*
- F01-14** **Surgical treatment of alveolar clefts by autogenous bone, taken from mental area of mandibula**  
Elizaveta Vitalevna Ryabykh, Alexey Aleksandrovich Nesterov, Danila Olegovich Ryabykh, Elvira Raisovna Yakyayeva  
*Astrakhan State Medical University*
- F01-15\*** **Effects of velar adhesion in patients with unilateral cleft lip and palate**  
Miki Kashiwagi, Hideto Saijo, Rika Narita, Hideyuki Suenaga, Mari Okayasu, Kazumi Okubo, Kazuto Hoshi  
*University of Tokyo Hospital*
- F01-16** **Experience of use of Buccal fat pad and Learning curve in performing palatoplasty**  
VARUN MENON P  
*JUBILEE MISSION MEDICAL COLLEGE AND RESEARCH INSTITUTE*

#### Free paper 2: CLP Secondary Surgery

- F02-01** **Morphological changes of the mucosal-free margin throughout growth in patients with unilateral cleft lip**  
Yuta Nakajima, Shunsuke Yuzuriha, Fumio Nagai  
*Shinshu University School of Medicine*
- F02-02\*** **No.2-12 facial cleft with plagiocephaly, bilateral cleft lip and palate: a case report**  
Yuya Kito<sup>1</sup>, Shigeo Kyutoku<sup>1</sup>, Yoshio Ueda<sup>2</sup>, Kazuhiro Otani<sup>1</sup>, Masaki Imamura<sup>1</sup>, Shunji Miyamae<sup>1</sup>  
<sup>1</sup>Nara city hospital, <sup>2</sup>Kinki University Nara Hospital



**F02-03\*** **Influence of lip revision surgery on facial growth in patients with cleft lip**  
Yoshiaki Sakamoto<sup>1</sup>, Masafumi Kamata<sup>1</sup>, Hisao Ogata<sup>2</sup>, Teruo Sakamoto<sup>3</sup>,  
Takenobu Ishii<sup>3</sup>, Kazuo Kishi<sup>1</sup>

<sup>1</sup>Keio University School of Medicine, <sup>2</sup>Nanpeidai Ogata Clinic, <sup>3</sup>Tokyo Dental College

**F02-04** **Septoplasty concomitant with secondary rhinoplasty for the patients of cleft lip and palate**

Takayuki Honda<sup>1</sup>, Itaru Sone<sup>1</sup>, Tomokazu Yamazaki<sup>1</sup>, Minoru Sakuraba<sup>1</sup>,  
Shigeru Kuwashima<sup>2</sup>, Yukinori Kuwajima<sup>3</sup>, Kazuro Satoh<sup>3</sup>

<sup>1</sup>Department of Plastic and Reconstructive Surgery, School of Medicine, Iwate Medical University,

<sup>2</sup>Department of Otolaryngology, School of Medicine, Iwate Medical University, <sup>3</sup>Division of Orthodontics, Department of Developmental Oral Health Science, School of Dentistry, Iwate Medical University

**F02-05** **Autologous free fat grafting to improve secondary cleft lip deformity**

Ataru Sunaga

Jichi Children's Medical Center Tochigi

### Free paper 3: Rhinoplasty

**F03-01** **The importance of reconstruction of nasal form and function in secondary rhinoplasty**

Masayuki MIYATA<sup>1</sup>, Hanako Wakatsuki<sup>1</sup>, Takanobu Sasaki<sup>2</sup>, Yoriko Nakajima<sup>1</sup>,  
Haruka Ueki<sup>1</sup>, Yohei Sotsuka<sup>1</sup>, Ken Matsuda<sup>1</sup>

<sup>1</sup>Department of plastic and reconstructive Surgery, Niigata University, <sup>2</sup>Department of Otolaryngology, Niigata University

### Free paper 4: Cranio-Maxillofacial Surgery

**F04-01** **Vectra measurement in Cleft orthognathic surgery outcome**

Paolo Arangio, Domenico Scopelliti, Orlando Cipriani, Giulia Amodeo,  
Edoardo Cerbelli

Smile House Ospedale San Filippo Neri Asl Roma1

**F04-02** **3D Airway changes following surgical procedures in craniofacial deformities**

Adi Rachmiel

Rambam Health Care Campus and Technion Faculty of Medicine

**F04-03** **Stability of distraction osteogenesis compared to orthognathic surgeries in cleft patients**

Adi Rachmiel

Rambam Health Care Campus and Technion Faculty of Medicine

**F04-04** **Orbital volume changes after bony orbital correction procedures**

Madhubari Vathulya

All India Institute of Medical Sciences, Rishikesh

**F04-05 Frontal parosteal lipoma with thickening of diploic spaces**

Kazuhiro Toriyama<sup>1</sup>, Yuzuru Kamei<sup>2</sup>, Yuichi Oka<sup>3</sup>, Masazumi Fujii<sup>4</sup>

<sup>1</sup>Nagoya City University, Plastic and Reconstructive Surgery, <sup>2</sup>Nagoya University, Plastic and Reconstructive Surgery, <sup>3</sup>Nagoya City University, Neurosurgery, <sup>4</sup>Fukushima Medical University, Neurosurgery

**Free paper 5: Orthodontic Treatment**

**F05-01 Challenges in cleft orthodontic care from mixed to permanent dentition: experiences from a national centre**

Mia Lorencin<sup>1,2</sup>, Pjetra Karlovic<sup>1</sup>, Zeljko Orihovac<sup>1,2</sup>, Kresimir Bulic<sup>2,3</sup>, Predrag Knezevic<sup>1,4</sup>

<sup>1</sup>University Hospital Dubrava Zagreb, <sup>2</sup>University of Zagreb School of Medicine, <sup>3</sup>University Hospital Center Zagreb, <sup>4</sup>University of Zagreb School of Dental Medicine

**F05-02 Presurgical Alignment of Bilateral Cleft Segments including the Vomer with Premaxillary Vomer Plate: First Results**

Gul Schmidt<sup>1</sup>, Max Heiland<sup>1</sup>, Carsten Matuschek<sup>1,2</sup>

<sup>1</sup>Charite - Universitaetsmedizin Berlin, Corporate Member of Freie Universitat Berlin, Humboldt-Universitat zu Berlin und Berlin Institute of Health, Germany, <sup>2</sup>Pro-Epi Institut, Berlin

**F05-03 COMPUTER PROCESSABLE CLASSIFICATION OF CLEFT LIP AND PALATE**  
**RAKESH KOUL**

CAREER POST GRADUATE INSTITUTE OF DENTAL SCIENCES LUCKNOW  
UTTARPRADESH INDIA

**F05-04 3-D analysis for outcomes of active presurgical infant orthopedics in cleft lip and palate**

Hwangyu Lee, Jaehwan Jung, Jun-Young Kim, Jin Hoo Park, Hwi-Dong Jung, Young-Soo Jung

Department of Oral and Maxillofacial Surgery, Yonsei University College of Dentistry, Seoul, Korea

**F05-05 Experience in the implementation rehabilitation of children with clefts of lip, alveolus and palate**

Myroslava Drohomiretska

Shupik National Healthcare University of Ukraine

**F05-06 SYMBIOSIS IN MANAGEMENT OF CLEFT LIP & PALATE PATIENTS**

Sanjay Ganeshkar

P M Nadgouda Memorial Dental College and Hospital Bagalkot India

**Free paper 6: Speech Therapy**

**F06-01 EARLY REHABILITATION AFTER URANOPLASTY - SPEECH THERAPY SUPPORT ON-LINE**

Mospan Tatiana<sup>1</sup>, Agaeva Victoria<sup>2</sup>

<sup>1</sup>Federal state Autonomous institution "National medical research center for children's health" of the Ministry of health of the Russian Federation, <sup>2</sup>Moscow City University

**F06-02 Acoustic separation of nasal resonance for spectrographic analysis**

Tim Bressmann

*University of Toronto*

**F06-03 Plastic wrapping Nasometer microphones for infection control increases re-test variability of nasal scores**

Tim Bressmann

*University of Toronto*

**Free paper 7: Social Work Area**

**F07-01 Smile House Project. A national multidisciplinary approach to cleft surgery**

Paolo Arangio, Domenico Scopelliti, Orlando Cipriani, Giulia Amodeo, Cerbelli Edoardo

*Smile House Ospedale San Filippo Neri Asl Roma1*

**F07-02 Perceptions, beliefs, and expectations to cleft lip and palate surgery in Madagascar**

Yasuyoshi Tosa<sup>1,2</sup>, Nirina Adrien J.V. Mandrano<sup>3</sup>

*<sup>1</sup>Showa University, <sup>2</sup>Keio University, <sup>3</sup>Ave Maria Hospital*

**F07-03 Cleft surgery training of local doctor in international medical cooperation and new developments in COVID-19**

Yasuyoshi Tosa<sup>1,2</sup>, Nirina Adrien J.V. Mandrano<sup>3</sup>

*<sup>1</sup>Showa University, <sup>2</sup>Keio University, <sup>3</sup>Ave Maria Hospital*

**Free paper 8: Basic Research**

**F08-01 Comparison of nasal width between patients with bilateral cleft lip and patients with unilateral one**

Fumio Nagai<sup>1</sup>, Shunsuke Yuzuriha<sup>1</sup>, Kiichiro Yaguchi<sup>2</sup>, Masahiko Noguchi<sup>2</sup>

*<sup>1</sup>Department of Plastic and Reconstructive Surgery, Shinshu University School Of Medicine,*

*<sup>2</sup>Department of Plastic Surgery, Nagano Children's Hospital*

**F08-02\* 3 D evaluation of the airway space in patients with cleft as compared to controls**

HIMIJA KARIA

*VSPM DENTAL COLLEGE & RESEARCH CENTRE*

**F08-03\* TFAP2A and JAM3 polymorphisms in nonsyndromic cleft lip palate among Vietnamese population**

Nguyen Minh Duc<sup>1,2</sup>, Satoshi Suzuki<sup>1</sup>, Hideto Imura<sup>1</sup>, Gia Loc Pham Nguyen<sup>1</sup>,

Nagato Natsume<sup>1</sup>

*<sup>1</sup>Division of Research and Treatment for Oral Maxillofacial Congenital Anomalies, Aichi Gakuin*

*University, Nagoya, Japan, <sup>2</sup>School of Dentistry, Hanoi Medical University, Hanoi, Vietnam*

**F08-04 Human oral and dental adult mesenchymal stem cells: From basic research to clinical applications**

Miroslav Tolar, Marie Tolarova

*Dugoni School of Dentistry, University of the Pacific*

## Free paper 9: Robin Sequence

- F09-01\*** **Speech outcomes after palatoplasty - non-syndromic Pierre Robin Sequence versus non-syndromic isolated cleft palate**  
Taku Maeda<sup>1</sup>, Yuhei Yamamoto<sup>1</sup>, Akihiko Oyama<sup>2</sup>, Satoru Sasaki<sup>3</sup>, Toshihiko Hayashi<sup>4</sup>, Naoki Murao<sup>3</sup>, Masayuki Osawa<sup>1</sup>, Emi Funayama<sup>1</sup>  
<sup>1</sup>Hokkaido University, <sup>2</sup>Fukushima Medical University, <sup>3</sup>KKR Sapporo Medical Center Tonan Hospital, <sup>4</sup>Asahikawa Medical University
- F09-02** **Characterization of phenotypes and predominant skeletodental patterns in pre-adolescent patients with Pierre–Robin sequence**  
Seung-Hak Baek<sup>1</sup>, Il-Hyung Yang<sup>1</sup>, Jee Hyeok Chung<sup>2</sup>  
<sup>1</sup>Seoul National University School of Dentistry, <sup>2</sup>Seoul National University Children Hospital
- F09-03\*** **MODIFIED MANN TONGUE SUSPENSION TECHNIQUE IN TONGUE-LIP ADHESION**  
Mamtha Raj, Kevin Wang, Aaron Jacobs, Wellington Davis  
Lehigh Valley Health Network
- F09-04** **Conservative or Minimal Invasive Care for Airway Management of PRS**  
Alexander R.C. Hemprich, Niels Pausch  
University of Leipzig

## Free paper 10: Prevention

- F10-01** **Prevention of cleft lip and palate – Advances, Challenges, and Strategies**  
Marie Tolarova, Tolar Miroslav  
University of the Pacific, Arthur A. Dugoni School of Dentistry

## Free paper 11: Others

- F11-01** **Salvage of ear framework exposure following autologous microtia reconstruction**  
Masaki Fujioka<sup>1</sup>, Kiyoko Fukui<sup>1</sup>, Kentaro Yoshino<sup>1</sup>, Miho Noguchi<sup>1</sup>, Ryuichi Murakami<sup>2</sup>  
<sup>1</sup>National Hospital Organization Nagasaki Medical Center, <sup>2</sup>Yamaguchi Prefectural Grand Medical Center
- F11-02** **Analysis of the results of complex treatment of children with congenital cleft lip and palate**  
Irina Fomenko, Anastasia Mulina, Angela Kasatkina, Ilia Timakov, Igor Romanov  
Volgograd State Medical University
- F11-03\*** **Model of intelligent monitoring of cases of patient re-admission to a medical institution**  
Arina Cherednikova<sup>1</sup>, Pavel Akacevich<sup>2</sup>, Yurii A. Vasilev<sup>3</sup>, I.A. Kulikova<sup>3</sup>, Anna Zaitceva<sup>1</sup>  
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- F11-04 Identification of Knowledge on Digital Health and Training Requirements in Medical Professionals in Mongolia**  
Ariuntuul Garidkhuu<sup>1,2</sup>, Samdankhuu Khongorzul<sup>2</sup>, Chinzorig Tselmuun<sup>2,3</sup>, Myagmar Bat-Erdene<sup>2</sup>, Majig Mend-Amar<sup>4</sup>, Nagato Natsume<sup>3</sup>, Bazar Amarsaikhan<sup>2</sup>  
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- F11-05 Prevention of Cleft Lip and Palate in A/J mice by Licorice Solution**  
Ichinnorov Chimedtseren<sup>1</sup>, Teruyuki Niimi<sup>1,2,3</sup>, Hideto Imura<sup>1,2,3</sup>, Ariuntuul Garidkhu<sup>4</sup>, Anar-Erdene Gantugs<sup>1</sup>, Nagato Natsume<sup>1,2,3</sup>  
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- F11-06 Monitoring study of congenital anomaly in Vietnam Ben Tre province**  
Teruyuki Niimi<sup>1</sup>, Hideto Imura<sup>1</sup>, Maya Yoshida<sup>1</sup>, Kumiko Fujiwara<sup>2</sup>, Hiep Minh Trinh<sup>3</sup>, Duy Le Tran<sup>3</sup>, Quyen Xuan Kim Le<sup>3</sup>, Nagato Natsume<sup>1</sup>  
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- F11-07 Treatment course of an oblique facial cleft from birth to ten years old**  
Yoshihide Mori, Tomohiro Yamada, Yukiko Ohyama, Goro Sugiyama, Naoto Haruyama, Ichiro Takahashi  
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