

PROGRAM



June 16th (Thu) Track 1 10:30 ~ 11:30

**Special
Lecture 1**

Title: Craniofacial anomalies: from genetic mutations through development to disease and treatment

Speaker: David Rice

Department of Orthodontics, University of Helsinki
Consultant Orthodontist Helsinki University Central Hospital, Finland

Chairperson: Keiji Moriyama

Maxillofacial Orthognathics, Tokyo Medical and Dental University, Japan

June 17th (Fri) Track 1 11:40 ~ 12:20

**Special
Lecture 2**

Title: My journey to find effective OGS protocol for diagnosis and treatment of facial asymmetry associated with mandibular prognathism

Speaker: Hyung-Sik Park

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

Chairperson: Chikara Saito

Division of Reconstructive Surgery for Oral and Maxillofacial Region, Department of
Tissue Regeneration and Reconstruction, Niigata University Graduate School of
Medical and Dental Sciences, Japan

June 16th (Thu) Track 1 13:40 ~ 15:40

Theme: Recent advance in the surgical-orthodontic treatment in patients with cleft lip and/or palate

Coordinator: Takafumi Susami

Department of Oral-Maxillofacial Surgery, Dentistry and Orthodontics, The University of Tokyo Hospital, Japan

Kiyoshi Harada

Department of Oral and Maxillofacial Surgery Interdisciplinary Graduate School of Medicine and Engineering, University of Yamanashi, Japan

Title: Surgery-first accelerated orthognathic surgery for the dento-facial deformities in patients with cleft lip and palate

Symposiast: Eric JW Liou

Faculty of Dentistry, Chang Gung Memorial Hospital, Taiwan

**International
Symposium I**

Title: Distraction osteogenesis as an alternative to conventional Le Fort I advancement in maxillary hypoplasia related to cleft lip and palate

Symposiast: Myung-Jin Kim

Department of Oral and Maxillofacial Surgery, School of Dentistry, Seoul National University, South Korea

Title: Surgical-orthodontic treatments for the severe class III patients with cleft lip and/or palate

Symposiast: Yoshiaki Sato

Department of Orthodontics Division of Oral Functional Science Graduate School of Dental Medicine Hokkaido University, Japan

Title: Maxillary anterior segmental distraction osteotomy for cleft patients

Symposiast: Mikihiko Kogo

First Department of Oral and Maxillofacial Surgery, Graduate School of Dentistry, Osaka University, Japan

June 16th (Thu) Track 1 16:40 ~ 18:40

Theme: TMJ problems in treatment of dentofacial deformities

Coordinator: Toshirou Kondoh

Department of Maxillofacial Surgery, School of Dentistry at Matsudo, Nihon University, Japan

Kazuhiro Yamada

Department of Orthodontics, Matsumoto Dental University, Japan

Title: Condyles and surgical orthodontics

Symposiast: Mithran Goonewardene

School of Dentistry, University of Western Australia, Australia

Title: Study on osteo-/chondropenia caused by impaired chemokine receptors and for progressive/idiopathic condylar resorption

Symposiast: Yutaka Maruoka

Dentistry/oral and Maxillofacial surgery, National Center for Global Health Medicine Hospital, Japan

Title: Orthodontic approach to TMJ-osteoarthritis with jaw deformity

Symposiast: Eiji Tanaka

Department of Orthodontics and Dentofacial Orthopedics, Institute of Health Biosciences, The University of Tokushima Graduate School, Japan

**International
Symposium II**

June 17th (Fri) Track 1 9:30 ~ 11:30

Theme: Use of 3D simulation and navigation for treatment of jaw deformities

Coordinator: Tetsu Takahashi

Division of Oral and Maxillofacial Reconstructive Surgery, Kyushu Dental College, Japan

Koutaro Maki

Department of Orthodontics, School of Dentistry, Showa University, Japan

Title: 3D fusion models in facial surgery

Symposiast: Stefaan J. Bergé

Department of Oral and Maxillofacial Surgery, Radboud University Nijmegen, The Netherlands

Title: A novel method for superimposition of CBCT volumes

Symposiast: Jeong-Ho Choi

Smile Future Orthodontic Clinic, South Korea

Title: 3D analysis and treatment planning of facial asymmetry

Symposiast: Jun-Young Paeng

Department of Oral and Maxillofacial Surgery, Samsung Medical Center, South Korea

Title: 3D simulation of orthognathic surgery using a multimodal image-fusion technique

Symposiast: Itaru Mizoguchi

Department of Orthodontics and Oral Surgery, School of Dentistry, Health Sciences University of Hokkaido, Japan

**International
Symposium III**

June 17th (Fri) Track 1 14:30 ~ 16:30

Theme: A future prospect of skeletal anchorage in treatment and management of dentofacial deformities

Coordinator: Isao Saito

Division of Orthodontics, Niigata University Graduate School of Medical and Dental Sciences, Japan

Hiroshi Nagasaka

Division of Maxillofacial Surgery, Tohoku University Graduate School of Dentistry, Japan

Title: Skeletal correction with implantable anchorage: More questions than answers!

Symposiast: Paul McNeal Thomas

Eastman Dental Institute for Oral Health Care Sciences, England

**International
Symposium IV**

Title: Current and future of the skeletal anchorage system (SAS) using miniplates for treatment and management in jaw deformities

Symposiast: Hiroshi Nagasaka

Division of Maxillofacial Surgery, Tohoku University Graduate School of Dentistry, Japan

Title: Skeletal anchorage facilitates the treatment of jaw deformities with vertical discrepancy: its application and limitations

Symposiast: Shingo Kuroda

Department of Orthodontics and Dentofacial Orthopedics, Institute of Health Biosciences, The University of Tokushima Graduate School, Japan

Title: Application of miniplates and mini-implants in orthodontic treatment and orthognathic surgery for expansion of the treatment scope

Symposiast: Seung-Hak Baek

Department of Orthodontics, School of Dentistry, Seoul National University, South Korea

June 17th (Fri) Track 1 9:00 ~ 9:30

**2010
Society
Award
Lecture**

Title: Dento-facial changes following a combination of Le Fort I with horseshoe osteotomy and a bilateral sagittal split ramus osteotomy for mandibular prognathism

Speaker: Ryohei Kitamura

Maxillofacial Orthognathics, Tokyo Medical and Dental University

Title: A feature of the deglutition muscle activity form in patients with mandibular prognathism

Speaker: Chie Sasakura

Division of Orthodontics, Niigata University Graduate School of Medical and Dental Sciences

Chairperson: Noboru Ohata

Graduate School of Dental Medicine Division of Oral Functional Science, Oral Rehabilitation, Hokkaido University, Japan

June 16th (Thu) Track 2 Room A 12:30 ~ 13:30

**Luncheon
Seminar 1**

Title: Computed imaging in orthognathic planning: Historical perspective and state of the art

Speaker: Paul McNeal Thomas

Eastman Dental Institute for Oral Health Care Sciences, England

Chairperson: Yuji Shiratsuchi

Division of Maxillofacial Diagnostic & Surgical Sciences, Graduate School of Dental Sciences, Kyushu University, Japan

June 17th (Fri) Track 2 Room A 12:30 ~ 13:30

**Luncheon
Seminar 2**

Title: Orthopedic correction of class III growing patients

Speaker: Won Moon

University of California Los Angeles, U.S.A.

Chairperson: Junichiro Iida

Department of Orthodontics, Hokkaido University, Japan

Oral Session / Track 1 June 16th (Thu)

9 : 30 ~ 9 : 54

Oral Session 「3D Analysis 1」

Chairperson: Hiroyuki Ishikawa

- O-1-01 Three-dimensional morphological analysis of the dentition and cranio-maxillofacial skeleton —An outline of the system—**
Division of Orthodontics and Dentofacial Orthopedics, Department of Oral Growth and Development, School of Dentistry, Health Sciences University of Hokkaido
Jun Uechi, et al.
- O-1-02 Three-dimensional morphological analysis of the dentition and cranio-maxillofacial skeleton —Dental compensation of the facial asymmetry cases—**
Division of Orthodontics and Dentofacial Orthopedics, Department of Oral Growth and Development, School of Dentistry, Health Sciences University of Hokkaido
Masahiro Konno, et al.
- O-1-03 Surgical simulation using three-dimensional plaster model for orthognathic surgery**
Department of Orthodontics, School of Dentistry, Showa University
Yusuke Asama, et al.

9 : 54 ~ 10 : 18

Oral Session 「3D Analysis 2」

Chairperson: Takanori Shibata

- O-1-04 Interobserver variability of three-dimensional spatial coordinate system**
Division of Reconstructive Surgery for Oral and Maxillofacial Region, Department of Human Biology and Pathophysiology, School of Dentistry, Health Sciences University of Hokkaido
Yoshiyuki Tsuji, et al.
- O-1-05 Evaluation of skeltal change with Le Fort I osteotomy using superimposition technique**
Department of Oral and Maxillofacial Surgery, Faculty of Medicine, Fukuoka University
Ryosuke Kita, et al.
- O-1-06 3D analysis of condylar position after surgery first orthodontic treatment in class III malocclusion Patients**
Department of Oral and Maxillofacial Surgery, School of Dentistry, Pusan National University
Ju-Min Lee, et al.

Video Session / Track 2 Room A June 16th (Thu)

9 : 30 ~ 9 : 50

Video Session

Chairperson: Masaaki Goto

V-1-01 Upper anterior segmental osteotomy; The Wassmund-Wunderer Method

Rakuwakai Otowa Hospital, Kyoto Oral Health Care Center
Yoshihiko Yokoe, et al.

**V-1-02 Anterior segmental osteotomy with piezo electric device
through vertical mucosal incision at premolar area only**

Division of First Oral and Maxillofacial Surgery, Department of Diagnostic and
Therapeutic Sciences, Meikai University School of Dentistry
Jun Shimada

Oral Session / Track 2 Room A June 16th (Thu)

9 : 50 ~ 10 : 14

Oral Session 「Biomaterial」

Chairperson: Nobuo Takano

**O-2-01 Stress loading test to hydroxyapatite and poly-L-lactide mesh plates
simulating the osseous fixation after the Le Fort I osteotomy**

Asahi University Division of Oral Pathogenesis and
Diseases Control Department of Oral & Maxillofacial Surgery
Masatoshi Hosohara, et al.

**O-2-02 Open bite 3 cases treated by Köle procedure with
 α -TCP bone substitute**

Rakuwakai Otowa Hospital, Kyoto Oral Health Care Center
Hiroki Mori, et al.

**O-2-03 Midfacial soft tissue changes after the paranasal augmentation
with porous polyethylene**

Department of Oral & Maxillofacial Surgery, School of Dentistry,
Kyungpook National University, Daegu, Korea
Lyang-Seok Noh, et al.

Oral Session / Track 2 Room B June 16th (Thu)

13 : 40 ~ 14 : 20

Oral Session 「Clinical Surveys」

Chairperson: Takashi Yamashiro

- O-3-01 Clinical study of orthognathic treatment in cleft lip and palate patients treated by two-stage palatoplasty**
Division of Oral and Maxillofacial Surgery, Department of Oral Health Science,
Niigata University Graduate School of Medical and Dental Sciences
Jun-ichi Fukuda, et al.
- O-3-02 Analysis of mandibular ramus forms of the patients with mandibular prognathism**
Section of Oral and Maxillofacial Oncology Division of Maxillofacial Diagnostic and
Surgical Sciences, Faculty of Dental Science, Kyushu University
Jun-nosuke Hayashida, et al.
- O-3-03 Statistical investigation of orthognathic surgery over 10 years in Yokohama City University Medical Center**
Department of Oral and Maxillofacial Surgery, Yokohama City University Medical Center
Susumu Omura, et al.
- O-3-04 Observation of osseous healing after intraoral vertical ramus osteotomy (IVRO)**
Department of Oral and Maxillofacial Surgery,
Kobe University Graduate School of Medicine
Kotaro Kaneko, et al.
- O-3-05 Morphologic changes of hard and soft tissue following anterior maxillary alveolar osteotomy**
Department of Orthodontics, Haibara General Hospital
Fumihiko Nakagawa, et al.

Oral Session / Track 2 Room B June 16th (Thu)

14:20 ~ 15:00

Oral Session 「Surgical Techniques」

Chairperson: Yuji Shiratsuchi

- O-3-06 Novel modification of Le Fort I with horseshoe osteotomy**
Division of Maxillofacial Diagnostic and Surgical Science,
Department of Oral and Maxillofacial Surgery, Kyushu Dental College
Kazuhiro Tominaga, et al.
- O-3-07 The short lingual cut as the preferred method in the sagittal split ramus osteotomy**
National Defense Medical College, Oral and Maxillofacial Surgery
Toshitaka Muto, et al.
- O-3-08 Positioning of mandibular proximal segment using a surgical navigation system**
Department of Oral and Maxillofacial Surgery, Faculty of Medicine, Saga University
Nobuhiro Noguchi, et al.
- O-3-09 The ascertainment of intraoperative condylar position using supine panoramic X-ray system in intra oral vertical ramus osteotomy**
Department of Oral and Maxillofacial Surgery,
Kobe University Graduate School of Medicine
Shungo Furudoj, et al.
- O-3-10 Clinical outcomes after modified quadrangular Le Fort I osteotomy in skeletal Class III patients with maxillary hypoplasia**
Department of Oral & Maxillofacial Surgery, School of Dentistry,
Kyungpook National University, Daegu, Korea
Ji-Hoon Park, et al.

Oral Session / Track 2 Room B June 16th (Thu)

15 : 00 ~ 15 : 40

Oral Session 「Airway · SAS」

Chairperson: Takashi Ono

- O-3-11 Changes in airway region after mandibular posterior positioning (SSRO)**
Itoh Dento-Maxillofacial Hospital
Daishi Nakai, et al.
- O-3-12 Evaluation of change the upper airway structures and functions before and after orthognathic surgery**
Department of Oral and Maxillofacial Surgery, Kyoto University
Kayo Tamura, et al.
- O-3-13 Clinical application of upper airway fluid-mechanical simulation in maxillofacial distraction**
Department of Orthodontics and Pedodontics, Cleft Lip and Palate Center,
Fujita Health University School of Medicine
Suguru Kondo, et al.
- O-3-14 A case of OSAS treated effectively with the surgery of MMA and mortised genioplasty**
Department of Oral and Maxillofacial Surgery, Kochi Health Sciences Center
Shingo Hara, et al.
- O-3-15 Retrognathia secondary to congenital temporomandibular joint luxation treated with intraoral vertico-sagittal ramus osteotomy**
Department of Oral and Maxillofacial Surgery,
Graduate School of Medicine, Kyoto University
Honoka Kiso, et al.

Oral Session / Track 2 Room B June 16th (Thu)

16:40 ~ 17:12

Oral Session 「Functions」

Chairperson: Kenji Sueishi

- O-4-01 Evaluatio of eustachian tube function after orthognathic surgery**
Niigata University Graduate School of Medical and Dental Sciences
Hideki Sato, et al.
- O-4-02 Characteristics of voice and speech of patients with mandibular
prognathism before and after orthognathic surgery**
Department of Oral and Maxillofacial Surgery,
Graduate School of Medicine, Yamaguchi University
Katsuaki Mishima, et al.
- O-4-03 Analysis of smile in surgical orthodontic treatment using
range images produced from motion images**
Department of Oral and Maxillofacial Surgery,
Graduate School of Medicine, Yamaguchi University
Hirotsugu Umeda, et al.
- O-4-04 Discussion of lip closing force on mandibular prognathia**
Oral and Maxillofacial Surgery, Department of Cell and Tissue Biology,
Division of Cancer Science, Kanazawa University Graduate School of Medical Science
Aya Mukozawa, et al.

Oral Session / Track 2 Room B June 16th (Thu)

17:12 ~ 17:44

Oral Session 「Postsurgical nerve dysfunction」

Chairperson: Kenji Kakudo

- O-4-05 Long-term observation of masticatory function and neurosensory disturbance after bilateral sagittal split ramus osteotomy**
Department of Oral and Maxillofacial Surgery,
Faculty of Medicine, Saga University
Yoshio Yamashita, et al.
- O-4-06 A clinical study of sensory disturbance after sagittal split ramus osteotomy**
Kobe Orthognathic Center
Naoki Abe, et al.
- O-4-07 Clinical study on pulpal blood flow and dental pulp sensibility after sagittal split ramus osteotomy**
Oral and Maxillofacial Surgery, Department of Oral Restitution,
Division of Oral Health Sciences, Graduate School of Medical and Dental Sciences,
Tokyo Medical and Dental University
Yuriko Sato, et al.
- O-4-08 Peripheral facial palsy following orthognathic surgery: a report of five cases**
Division of Reconstructive Surgery for Oral and Maxillofacial Region,
Department of Tissue Regeneration and Reconstruction,
Niigata University Graduate School of Medical and Dental Sciences
Taku Kojima, et al.

Oral Session / Track 2 Room B June 16th (Thu)

17:44 ~ 18:08

Oral Session 「Asymmetry 1」

Chairperson: Shigemi Goto

O-4-09 Postoperative changes after bimaxillary osteotomy in patients with facial asymmetry I : Skeletal changes and stability

Department of Oral and Maxillofacial Surgery, Division of Oral Pathobiological Science,
Graduate School of Dental Medicine, Hokkaido University
Kazuhiro Matsushita, et al.

O-4-10 Postoperative changes after bimaxillary osteotomy in patients with facial asymmetry II : Facial soft tissue changes

Tsurumi University School of Dental Medicine Department of Orthodontics
Department of Orthodontics, Division of Oral Functional Science,
Graduate School of Dental Medicine, Hokkaido University
Satoshi Wada, et al.

O-4-11 Postoperative changes after bimaxillary osteotomy in patients with facial asymmetry III : Occlusal stability

Division of Oral Rehabilitation, Department of Oral Functional Science,
Graduate School of Dental Medicine, Hokkaido University
Osamu Takamichi, et al.

18:08 ~ 18:32

Oral Session 「Asymmetry 2」

Chairperson: Yoshihiko Yokoe

O-4-12 A facial asymmetry case deteriorated in the growth phase treated by two jaw surgery

Division of Dentistry, National Center for Child Health and Development
Momotoshi Shiga, et al.

O-4-13 Surgical approach for canted occlusal plane with unilateral short facial height

Tohoku University Graduate School of Dentistry,
Department of Oral Medicine and Surgery, Division of Maxillofacial Surgery
Satoshi Goto, et al.

O-4-14 Revision surgery for unsatisfactory patients about facial contour after orthognatic surgery

Department of Plastic and Aesthetic Surgery,
Kitasato University School of Medicine
Shigehiro Ikemoto, et al.

Oral Session / Track 2 Room B June 17th (Fri)

9:30 ~ 10:02

Oral Session 「SARPE」

Chairperson: Yoshinori Yamaguchi

- O-5-01 Stability of the 2-piece Le Fort I osteotomy with dental arch expansion**
Department of Oral and Maxillofacial Surgery,
Hokkaido University Graduated School of Dental Medicine
Yoshinori Kobori, et al.
- O-5-02 Posterior bimaxillary segmental osteotomy for maxillary protrusion with scissors bite: Report of a case**
Kyushu University Hospital Oral & Maxillofacial Surgery
Takeshi Toyoshima, et al.
- O-5-03 A case of retrognathia with severe unilateral scissors bite treated by orthognathic surgery**
Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences,
Department of Oral and Maxillofacial Surgery
Norie Yoshioka, et al.
- O-5-04 Severe unilateral scissors bite treated by IVRO in combination with osteotomy of mandibular body**
Fukui general hospital dentistry and oral surgery
Toshiyuki Ogasawara, et al.

Oral Session / Track 2 Room B June 17th (Fri)

10:02 ~ 10:34

Oral Session 「Morphological Analysis」

Chairperson: Hiroshi Kawamura

- O-5-05 Morphological analysis of nasal shape after orthognathic surgery using CT data**
Department of Oral and axillofacial Surgery, Nakatsugawa Municipal General Hospital
Yoshihiro Sawaki, et al.
- O-5-06 Three-dimensional evaluation of nasal morphological changes after Le Fort I osteotomy**
Oral and Maxillofacial Surgery, Department of Oral Restitution, Division of Oral Health Sciences,
Graduate School, Tokyo Medical and Dental University
Yuhji Kabasawa, et al.
- O-5-07 Effect and long-term change in width of the alar using alar bace cinch suture**
Kyoto Oral Health Care Center Rakuwakai Otowa Hospital
Sho Odawara, et al.
- O-5-08 Combined patterns of soft and hard tissue structure in mandibular prognathism**
Section of Orthodontics, Department of Oral Growth & Development,
Division of Clinical Dentistry, Fukuoka Dental College
Sachio Tamaoki, et al.

Oral Session / Track 2 Room B June 17th (Fri)

10:34 ~ 10:58

Oral Session 「Case presentation」

Chairperson: Toshihiro Kikuta

- O-5-09 A case of two-jaw surgery in the history of the condylar process fracture**
Osaka General Medical Center Oral and Maxillofacial Surgery
Atsushi Murayama, et al.
- O-5-10 Surgical orthodontic treatment for occlusal reconstruction of old malunited maxillofacial fracture: a case report**
Division of Reconstructive Surgery for Oral and Maxillofacial Region,
Department of Tissue Regeneration and Reconstruction,
Niigata University Graduate School of Medical and Dental Sciences
Tadaharu Kobayashi, et al.
- O-5-11 The validity of the tongue reduction in acromegaly patients with mandibular prognathism**
Department of Oral and Maxillofacial Surgery Tokyo Dental College
Kyotaro Muramatsu, et al.

Oral Session / Track 2 Room B June 17th (Fri)

10:58 ~ 11:30

Oral Session 「Stability」

Chairperson: Toshihiko Himuro

- O-5-12 Postoperative stability of Le Fort I osteotomies and influence on soft tissue**
Division of Oral and Maxillofacial Reconstructive Surgery,
Department of Oral and Maxillofacial Surgery, Kyushu Dental College
Shinnosuke Nogami, et al.
- O-5-13 Postoperative stability following severe counter-clockwise rotation in patients with skeletal Class III open bite**
Oral and Maxillofacial Surgery, Department of Oral Patho-biological Science,
Graduate School of Dental Medicine, Hokkaido University
Kazuhiro Ooi, et al.
- O-5-14 Postoperative relapse by using early maxillomandibular fixation release after bilateral sagittal split ramus osteotomy in mandibular prognathic patient**
Department of Oral and maxillofacial Surgery, Busan Paik Hospital, Inje University
Tae-Young Jung, et al.
- O-5-15 Postoperative stability of surgery first orthodontic treatment in class III malocclusion patients**
Department of Oral and Maxillofacial Surgery, School of Dentistry, Pusan National University
Dae-Seok Hwang, et al.

Oral Session / Track 2 Room B June 17th (Fri)

14:30 ~ 15:10

Oral Session 「Distraction Osteogenesis」

Chairperson: Junichiro Iida

- O-6-01 Long-term outcome of a case with progressive condylar resorption treated by maxillo-mandibular osteotomies and distraction**
Department of Oral-Maxillofacial Surgery, Dentistry and Orthodontics,
University of Tokyo Hospital
Takafumi Susami, et al.
- O-6-02 Skeletal Class II malocclusion treated by mandibular distraction osteogenesis**
Suzuki Orthodontic Office
Tomotaka Suzuki, et al.
- O-6-03 Clinical assessment of maxillary anterior distraction osteogenesis for maxillary retrusion with cleft lip and palate**
Osaka University Graduate School of Dentistry,
First Department of Oral and Maxillofacial Surgery
Takeshi Harada, et al.
- O-6-04 A case of hemifacial microsomia with modified mandibular distraction**
Department of Stomatology, Tokyo Metropolitan Ohtsuka Hospital
Aki Ito, et al.
- O-6-05 Two cases of pierre robin syndrome corrected by orthognathic surgery**
Kyoto Oral Health Care Center, Rakuwakai Otowa Hospital
Yoshinobu Yokoo, et al.

Oral Session / Track 2 Room B June 17th (Fri)

15 : 10 ~ 15 : 50

Oral Session 「Surgical management」

Chairperson: Takahide Komori

- O-6-06 Surgical orthodontic treatment for skeletal mandibular protrusion patients with mental disorders**
Hiroshima Central Orthodontic Office
Hitoshi Tsuruda, et al.
- O-6-07 A case of psychosis after orthognathic surgery**
Oral and Maxillofacial Surgery, Department of Cell and Tissue Biology,
Division of Cancer Science, Kanazawa University Graduate School of Medical Science
Kohei Marukawa, et al.
- O-6-08 Evaluation of remifentanil during Le Fort I osteotomies**
Tokyo Medical University, Department of Oral & Maxillofacial Surgery
Harutsugi Abukawa, et al.
- O-6-09 A case of sinus thrombosis after sagittal split ramus osteotomy**
Department of Oral and Maxillofacial Surgery, Tokyo Dental College
Akira Watanabe, et al.
- O-6-10 Orthognathic surgical management of skeletal Class III patient with oral steroid and bisphosphonate**
Department of Oral and Maxillofacial Surgery, Yokohama City University Medical Center
Sachiko Kimizuka, et al.

Oral Session / Track 2 Room B June 17th (Fri)

15 : 50 ~ 16 : 22

Oral Session 「Posterior Openbite」

Chairperson: Naoto Suda

- O-6-11 Mandibular prognathism with posterior open bite treated by sagittal split ramus osteotomy and body ostectomy**
Department of Oral and Maxillofacial Surgery, Tsuruoka Municipal Shonai Hospital
Katsuhiko Honma, et al.
- O-6-12 Craniofacial and dental characteristics of Japanese patients with primary failure of tooth eruption**
Department of Orthodontics, School of Dentistry, Showa University
Yoko Tomoyasu, et al.
- O-6-13 Identification of genetic variants underlying primary failure of tooth eruption**
Department of Orthodontics, School of Dentistry, Showa University
Tetsutaro Yamaguchi, et al.
- O-6-13 Segmental distraction for the treatment of lateral open bite caused by primary failure of eruption**
Department of Oral Maxillofacial Surgery, School of Dentistry, Showa University
Tatsuo Shirota, et al.

Poster Session June 16th (Thu) – 17th (Fri)

- 001 Growth in the cranial base of skeletal Class III cases undergone long term management**
 Division of Orthodontics Department of Human Development and Fostering,
 Meikai University School of Dentistry
 Au Sasaki, et al.
- 002 A jaw deformity case showing differential growth in cranial base and mandible**
 Division of Orthodontics, Department of Human Development and Fostering,
 Meikai University, School of Dentistry
 Takashi Yoshitake, et al.
- 003 Differences in posterior cranial base growth between skeletal Class III surgical cases and non-surgical cases**
 Tsurumi University School of Dental Medicine, Department of Orthodontics
 Toshiko Sekiya, et al.
- 004 Relationship between mandibular dental and alveolar arch in Angle Class III malocclusion**
 Department of Orthodontics, School of Life Dentistry at Tokyo,
 The Nippon Dental University
 Akihiro Suzuki, et al.
- 005 Investigation of dental arch forms in patients with mandibular prognathism by quantitative analysis**
 Iida Orthodontic Office
 Tomokazu Iida, et al.
- 006 Coordination of mandibular movement and muscle activity in patients with skeletal mandibular protrusion and deviation**
 Department of Hard Tissue Research, Graduate School of Oral Medicine,
 Matsumoto Dental University
 Kengo Takeo, et al.
- 007 A longitudinal evaluation of masticatory muscle electromyogram in jaw deformity patients with asymmetry**
 Department of Orthodontics, Kyushu Dental College Hospital
 Yuki Fukudome, et al.
- 008 Motion analysis using individual mandibular motion display system in Hemifacial microsomia case**
 Department of Orthodontics, School of Dentistry, Showa University
 Taisei Fujikawa, et al.
- 009 Phonetic analysis in the patients with mandibular retrusion the first report about the vowel**
 Department of Oral and Maxillofacial Surgery, Tokyo Dental College
 Sachiko Kaneko, et al.

- 010** **Auditory changes according to maxillary movement following orthognathic surgery**
Department of Oral and Maxillofacial Surgery,
Seoul National University, School of Dentistry
Young-Eun Jung, et al.
- 011** **Analysis of craniofacial structure for mandibular deformity in horizontal dimension**
Department of Orthodontics, School of Dentistry, Showa University
Mami Sugiura, et al.
- 012** **Determination of midsagittal plane of the mandible by a surfaced based method**
Division of Reconstructive Surgery for Oral and Maxillofacial Region,
Department of Human Biology and Pathophysiology, School of Dentistry,
Health Sciences University of Hokkaido
Shigehiro Takeda, et al.
- 013** **New definition and reproducibility of three-dimensional measurement points for evaluation of craniofacial morphology using CT**
Department of Oral Biological Science, Division of Orthodontics Niigata University
Graduate School of Medical and Dental Sciences Course for Oral Life Science
Yoshihiro Nagai, et al.
- 014** **The 3D CT superimposition method using image fusion based on the maximum mutual information algorithm for the assessment of oral and maxillofacial surgery treatment results**
Department of Oral and Maxillofacial Surgery, Asan Medical Center
Jee-Ho Lee, et al.
- 015** **Observation of mandibular bone before and after IVRO by 3D image**
Department of Orthodontics and Dentofacial Orthopedics Nagasaki University,
Graduate School of Biomedical Sciences
Haruna Tasaki, et al.
- 016** **A study of linear accuracy between 3DCT and cephalogram**
professional ct imaging
Norio Tanaka, et al.
- 017** **Clinical study of surgical splint created from digitized dental cast models**
Uni Orthodontic Clinic
Tadanori Furuya, et al.
- 018** **Orthodontic CAD 3D simulation for asymmetry jaw deformity case —calculated by 6-degree of freedom—**
IDEA Orthodontic Office
Hajime Furukawa
- 019** **Relationship between changes of occlusal plane and facial morphorogy in the case of mandibular set-back**
KOMATSU Dental and Orthodontic Office
Marie Komatsu, et al.

- 020** **Three-dimensional analysis of soft/hard tissue changes after orthognathic surgery in patients with facial asymmetry**
 Maxillofacial Orthognathics, Graduate School of Medical and Dental Sciences,
 Tokyo Medical and Dental University
 Erika Okamura, et al.
- 021** **Three cases of mandibular protrusion treated with two jaw surgery**
 Department of Orthodontics and Dentofacial Orthopedics, Institute of Health Biosciences,
 The University of Tokushima Graduate School
 Rie Matsuda, et al.
- 022** **Three-dimentional changes in perioral soft tissue following hard tissue alternation by orthognathic surgery**
 Division of Orthodontics, Niigata University
 Graduate School of Medical and Dental Sciences
 Yuri Yakita, et al.
- 023** **A study of nasal soft tissues change after Le Fort I osteotomy**
 Department of Oral and Maxillofacial Surgery, Okayama University Graduate
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- 032 Tongue trainer using at the detailing stage for skeletal Class III case with orthognathic surgery**
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- 033 A case report of skeletal open bite with severe tongue thrust**
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- 034 Open bite case with orthognathic surgery approached by MFT especially at the detailing stage**
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- 055 High positioned Le Fort I osteotomy providing bone contact for one side downward repositioning in maxillary cant**
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- 060 Stability of mandibular position following SSRO using hydroxyapatite and poly-L-lactide mesh plates for the fixation**
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- 062 Analysis of sagittal split ramus osteotomy cases intraorally fixed with hydroxyapatite and poly-L-lactide osteosynthesis system**
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- 063 Fracture of biodegradable miniplate after bilateral sagittal split ramus osteotomy**
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- 068 Comparison of the postoperative stability between distraction osteogenesis and BSSRO in mandibular retrognathism**
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- 074 Withdrawn**
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- 076 Changes in pharyngeal airway space after sagittal splitting ramus osteotomy in skeletal Class III patients**
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- 078 Withdrawn**
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