

2026 The 15th ACOMFR

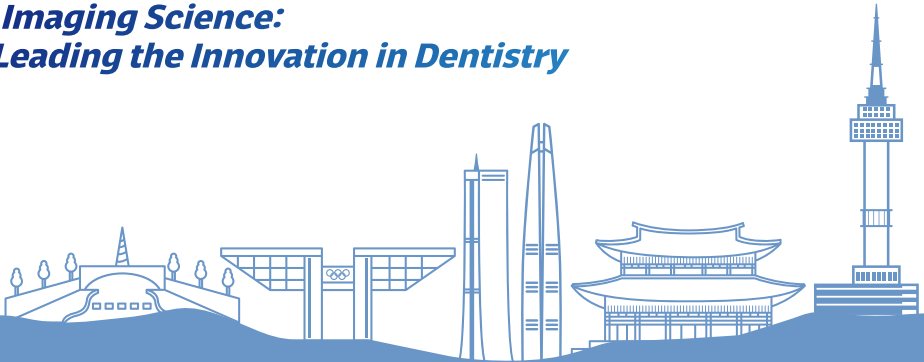


The 15th Asian Congress of
Oral and Maxillo-Facial Radiology
in conjunction with
The 58th Annual Scientific Meeting of KAOMFR

April 30(Thu) - May 2(Sat), 2026
ST Center, Seoul, Korea

PROGRAM BOOK

***Imaging Science:
Leading the Innovation in Dentistry***



**대한영상
치의학회**

KOREAN ACADEMY OF
ORAL AND MAXILLOFACIAL
RADIOLOGY

bright CT & 3D Viewer



Scan to Experience

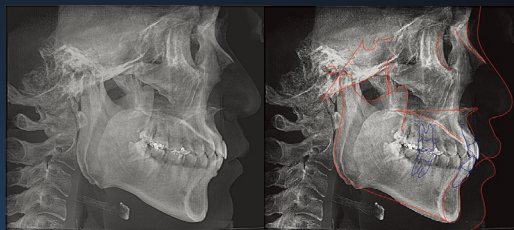
One Scan. The Full Journey

ONE SCAN. All You Need.

Capture high quality CBCT, panoramic, and cephalometric images in a single scan.



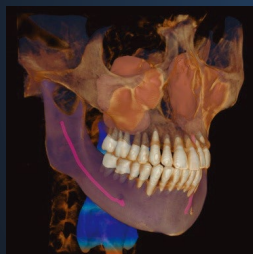
Virtual Panoramic Image



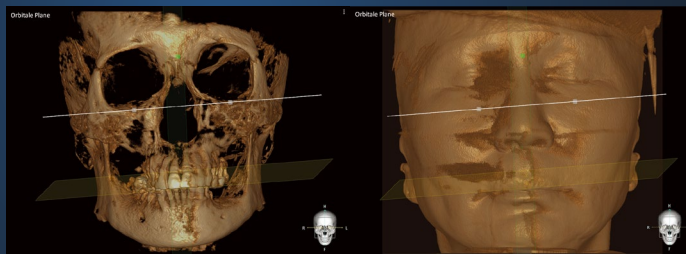
Virtual Cephalogram & AI Auto Tracing

Advanced AI Solutions

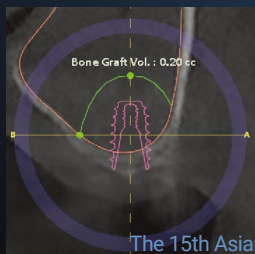
Precise segmentation, 3D airway quantification, sinus graft volume estimation, and AI-guided occlusal plane generation transform scans into actionable clinical insights.



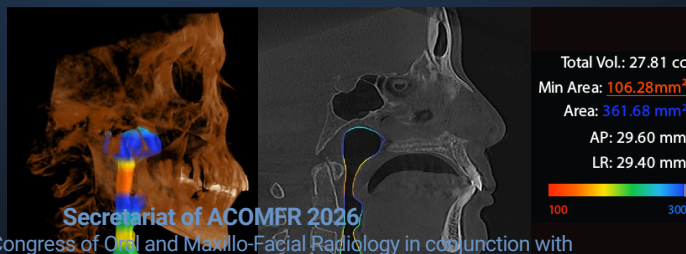
AI Segmentation



AI Occlusal Plane



AI Sinus Bone Graft



AI Airway Analysis

Secretariat of ACOMFR 2026
The 15th Asian Congress of Oral and Maxillo-Facial Radiology in conjunction with
The 58th Annual Scientific Meeting of KAOMFR

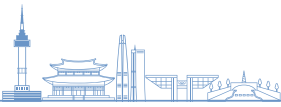
Email: info@acomfr2026seoul.org | Tel: 02-6926-9305



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Welcome Message



15th Asian Congress of Oral and Maxillofacial Radiology (ACOMFR) will be held in Seoul. I would like to my gratitude to the President In-Woo Park for hosting the 15th ACOMFR.

The ACOMFR started in 1996 and the AAOMFR was established in 2013. Following the conference in Seoul, the AAOMFR is looking to move on to a new stage, striving for further progress.

Let's all join the 15th ACOMFR. I am looking forward to meeting everyone in Seoul, 2026.

Junichi Asaumi
Secretary General, AAOMFR



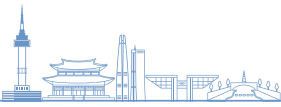
On behalf of the Organizing Committee of the 15th Asian Congress of Oral and Maxillofacial Radiology (ACOMFR), it is my great honor to invite you to the 15th ACOMFR in Seoul from April 30 to May 2, 2026.

Themed “Imaging Science: Leading the Innovation in Dentistry” the conference aims to bring together experts, AAOMFR members, clinical scholars, scientists, and colleagues in the dental community to share new knowledge and technologies. All attendees will have the opportunity to network and share valuable inspiration with their peers and mentors.

We are excited to collaborate with leading experts in various fields. The academic program will invite outstanding speakers from around the world to explore cutting-edge research, diverse topics, and educational programs. We invite dental professionals and delegates from around the world to Seoul for the upcoming 15th ACOMFR.

Thank you for your cooperation in making the ACOMFR 2026 Seoul a success! I look forward to seeing you at the 15th ACOMFR in Seoul!

In-Woo Park
15th ACOMFR President



Welcome Message



As the President of the Korean Academy of Oral and MaxilloFacial Radiology (KAOMFR), it is my great pleasure to announce the upcoming 15th Asian Congress of Oral and MaxilloFacial Radiology (ACOMFR). KAOMFR has had the honor of hosting the ACOMFR twice before, in 1998 and 2010, and we are thrilled to continue this tradition.

Drawing from our past experiences, we are committed to organizing a congress that is both enriching and filled with enthusiasm. We warmly welcome not only members of the Asian Academy of Oral and Maxillo-Facial Radiology but also members of the International Association of DentoMaxilloFacial Radiology, as well as everyone in the dental field to join us.

Hang-Moon Choi
President, KAOMFR



Organizing Committee

Consultant

Tae-Won Park

Seoul National University

Kwang-Joon Koh

Jeonbuk National University

Soon-Chul Choi

Seoul National University

Byung-Cheol Kang

Chonnam National University

Eun-Kyung Kim

Dankook University

Karp-Shik Choi

Kyungpook National University

Eui-Hwan Hwang

Kyung Hee University

Advisor

Byung-Do Lee

Wonkwang University

Bong-Hae Cho

Pusan National University

Yun-Hoa Jung

Pusan National University

Won-Jeong Han

Dankook University

Suk-Ja Yoon

Chonnam National University

Won-Jin Yi

Seoul National University

Chang-Hyeon An

Kyungpook National University

Sang-Sun Han

Yonsei University

President of KAOMFR

Hang-Moon Choi

Kangwon National University

Vice President of KAOMFR

Jin-Soo Kim

Chosun University

Seungmok Na

Manan Dental Clinic

Honorary President

Jae-Duk Kim

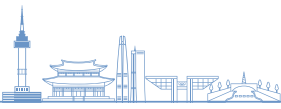
Chosun University

Chang-Seo Park

Yonsei University

Sam-Sun Lee

Seoul National University



Organizing Committee

President & Chair of Organizing Committee

In-Woo Park

Kangwon National University

Vice President

Min-Suk Heo

Seoul National University

General Affairs Committee

Director

Kyung-A Kim

Jeonbuk National University

Associate Director

Chena Lee

Yonsei University

Member

Chang-Ki Min

Jeonbuk National University

Member

Ah-Young Kwon

Dankook University

Scientific Committee

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Kyung-Hoe Huh

Seoul National University

Associate Director

Jo-Eun Kim

Seoul National University

Member

Jin-Woo Han

Kangwon National University

Member

Ju-Hee Kang

Seoul National University

Finance & Exhibition Committee

Director

Kug-Jin Jeon

Yonsei University

Associate Director

Gyu-Dong Jo

Yonsei University

Member

Yoon-Joo Choi

Yonsei University



Social Program Committee

Director

Jin-Woo Choi

Dankook University

Associate Director

Hak-Sun Kim

Kyung Hee University

Member

Jae-Seo Lee

Chonnam National University

Registration Committee

Director

Wan Lee

Wonkwang University

Associate Director

Han-Gyeol Yeom

Wonkwang University

Member

Gyu-Tae Kim

Kyung Hee University

Member

Yo-Seob Seo

Chosun University

Publicity Committee

Director

Seo-Young An

Kyungpook National University

Associate Director

Young-Eun Kwon

Kyungpook National University

Member

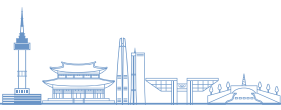
Jae-Joon Hwang

Pusan National University

Member

Kyoung-Soo Kim

Kangwon National University



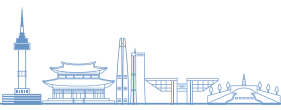
Program at a Glance

DAY 1. April 30 (Thu)

	Room A	Room B	Room C
09:00	Opening Ceremony (09:00-09:30)	e-Poster Display	
09:30			
10:00	Invited Session 1 Expanding roles of imaging science in modern dentistry (09:30-10:50)		
10:30			
11:00	Break (10:50-11:10)		
11:30	Invited Session 2 Advanced imaging approaches beyond conventional radiography (11:10-12:30)		
12:00			
12:30	Lunch (12:30-13:30)		
13:00			
13:30	Invited Session 3A Principles and clinical applications of multimodality imaging (13:30-14:50)		
14:00			
14:30	Break (14:50-15:10)		
15:00			
15:30	Quiz 1 Horse VS Zebra (15:10-16:10)	Oral Presentation 2 (15:10-17:00)	
16:00			
16:30	Invited Session 3B Principles and clinical applications of multimodality imaging (16:10-17:30)		
17:00			
17:30			
18:00	Welcome Party @Anais & Iris Hall, 12F (18:00-)		

DAY 2. May 1 (Fri)

	Room A	Room B	Room C
09:00			
09:30	Invited Session 4A Clinical decision-making and precision diagnosis using advanced imaging (09:00-10:50)	e-Poster Display	Oral Presentation 3 (09:30-10:30)
10:00			
10:30			
11:00	Break (10:50-11:10)		Oral Presentation 4 (11:10-11:40)
11:30	Invited Session 4B Clinical decision-making and precision diagnosis using advanced imaging (11:10-12:30)		
12:00			
12:30			Lunch (12:30-13:30)
13:00			
13:30	Invited Session 5A Advances in imaging science and their impact on predictive dentistry (13:30-14:50)		Oral Presentation 5 (13:30-14:50)
14:00			
14:30		Break (14:50-15:10)	
15:00			
15:30	Quiz 2 Horse VS Zebra (15:10-16:10)	Oral Presentation 6 (15:10-16:20)	
16:00			
16:30	Invited Session 5B Advances in imaging science and their impact on predictive dentistry (16:10-16:50)		
17:00		General Assembly "2026 Prize for the Best Article" (16:50-17:30)	
17:30			
18:00	Gala Dinner @Anais Hall, 12F (18:00-)		



DAY 3. May 2 (Sat)

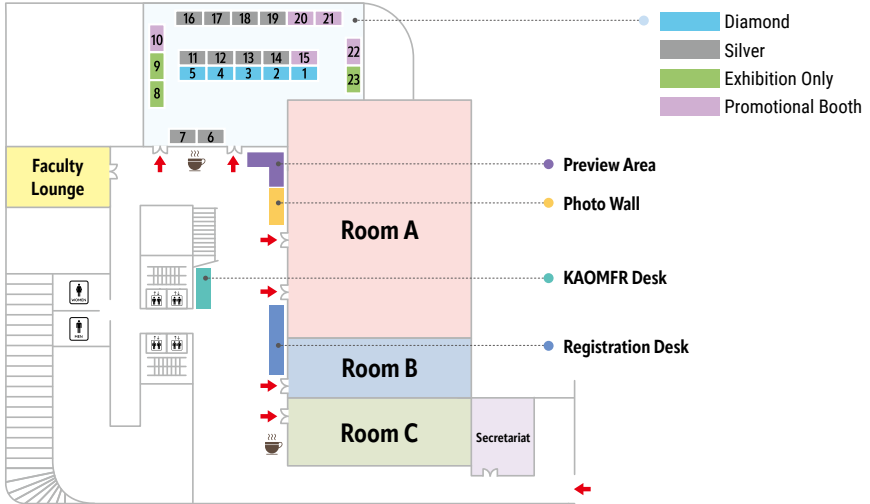
	Room A	Room B
09:00	Invited Session 6A Artificial intelligence in dentomaxillofacial radiology: Current applications and future perspectives (09:00-10:50)	e-Poster Display
09:30		
10:00		
10:30		
11:00	Break (10:50-11:10)	
11:30	Invited Session 6B Artificial intelligence in dentomaxillofacial radiology: Current applications and future perspectives (11:10-11:50)	
12:00	Closing Ceremony (11:50-12:30)	
12:30		

Day 0. April 29 (Wed)

- 13:30–19:00 Pre-Congress Tour & Welcome Reception
- Tour Location: Bukchon Hanok Village (Located near Anguk Station, Subway Line 3)
- Welcome Reception: Eobumong Insadong Branch

Floor Plan

ST Center, B1



• Registration

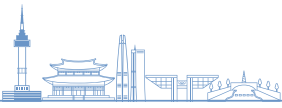
• Session Room

Room A	Room B	Room C
Opening Ceremony Closing Ceremony General Assembly Invited Sessions Quiz Sessions	e-Poster Display	Oral Presentation

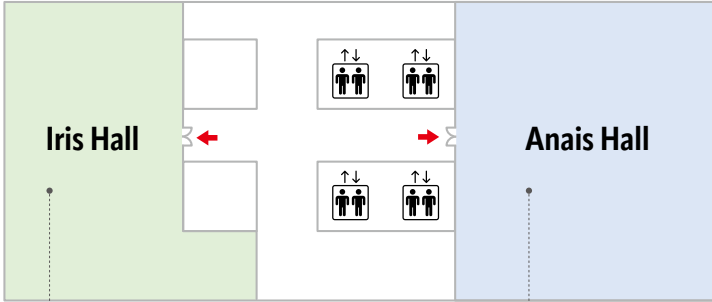
• Coffee Break

• Exhibition

1-5	Dentium	16-17	J. Morita Corporation.
6-7	OSSTEM IMPLANT	18-19	MEGAGEN
8-9	SHINHUNG CO., LTD.	20	The 2027 World Congress in Antalya
10	Narae Publishing	21	The 2028 Asian Congress in Bangkok
11-12	SIEMENS Healthineers Ltd.	22	Hanbok Experience Booth
13-14	Cybermed	23	DenComm
15	Asian Congress 2030		



ST Center, 12F



● **Welcome Party** April 30 (Thu), 18:00-

● **Welcome Party** April 30 (Thu), 18:00-
Gala Dinner May 1 (Fri), 18:00-



Congress Information

Congress Overview

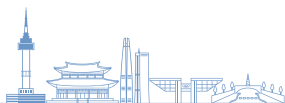
Title	The 15th Asian Congress of Oral and Maxillofacial Radiology in conjunction with The 58th Annual Scientific Meeting of KAOMFR
Theme	Imaging Science: Leading the Innovation in Dentistry
Date	April 30 (Thu) – May 2 (Sat), 2026
Venue	Science and Technology Convention Center (ST Center), Seoul, Korea
Organized by	 Asian Academy of Oral and Maxillofacial Radiology (AAOMFR)
	 Korean Academy of Oral and Maxillofacial Radiology (KAOMFR)
Supported by	 KORAL
Official Language	English
Website	www.acomfr2026seoul.org

Registration

Location	Operating Hours
ST Center, Lobby (B1)	April 30 (Thu), 08:00-17:30
	May 1 (Fri), 08:00-17:30
	May 2 (Sat), 08:00-12:30

Participants will receive a name badge when they check in at the registration desk. A name badge will be required for access to the congress area including all sessions, the exhibition area. Please wear your name badge throughout the Congress.

Registration Fee Includes	
Participant	Accompanying Person
<ul style="list-style-type: none"> • Admission to all Scientific Session • Access to Exhibition Area • Lunch & Coffee Break • Congress Kit • Opening Ceremony & Welcome Party • Pre-congress Tour & Welcome Reception • Closing Ceremony 	<ul style="list-style-type: none"> • Access to Exhibition Area • Lunch & Coffee Break • Opening Ceremony & Welcome Party • Pre-congress Tour & Welcome Reception • Closing Ceremony



보수교육 점수

ACOMFR 2026에 4시간 이상 참여한 경우, 치과의사 면허 유지를 위한 보수교육점수 4점이 부여됩니다.

e-poster Voting

Vote for your favorite e-Posters and get a chance to win exciting prizes.

- **Voting Period** April 30 (Thu) – May 1 (Fri)
- **Place** Room B (B1)

Voting Rules

- One vote per person per day.
- Prizes are available for the first 200 participants each day on a first-come, first-served basis.

How to Vote

- Step 1** Visit Room B and explore the e-Posters.
- Step 2** Scan the QR code and vote for your top 3 abstracts.
- Step 3** Show your voting confirmation screen to the staff in Room B to participate in the 'Random Draw' Event.
- Step 4** Claim your prize!

**The detailed operating schedule is subject to change depending on on-site conditions.*

Prize Level	1st	2nd	3rd	4th	5th
No. of Winners	2	3	10	15	170
Prize	LED Lamp 	Korean Fabric Handbag 	Decorative Pen with Korean Accessories 	Korean Traditional Fan 	K-Beauty Facial Mask 

Social Program

■ Pre-Congress Tour

- **Date & Time** April 29 (Wed), 13:30-16:30
- **Place** Bukchon Hanok Village (Located near Anguk Station, Subway Line 3)

■ Welcome Reception

- **Date & Time** April 29 (Wed), 16:30-
- **Place** Eobumong Insadong Branch

■ Opening Ceremony

- **Date & Time** April 30 (Thu), 09:00-09:30
- **Place** Room A (B1), ST Center

■ Welcome Party *Only for those who registered in advance

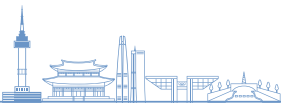
- **Date & Time** April 30 (Thu), 18:00-
- **Place** Anais & Iris Hall (12F), ST Center

■ Gala Dinner *Only for those who registered in advance

- **Date & Time** May 1 (Fri), 18:00-
- **Place** Anais Hall (12F), ST Center
- **Ticket** USD 100

■ Closing Ceremony

- **Date & Time** May 2 (Sat), 11:50-12:30
- **Place** Room A (B1), ST Center



Events

■ Group Photo

Join us for a group photo after Invited Session 3B. Please come and join your colleagues to make lasting memories of our time together.

- **Date & Time** April 30 (Thu), 17:30
- **Place** Room A (B1)

■ Lucky Draw

A special Lucky Draw will be held during the Welcome Party. Don't miss your chance to win!

- **Date & Time** April 30 (Thu), 18:00-
- **Place** Anais Hall (12F), ST Center

Prize Level	No. of Winners	Prize
1st	1	iPad Air
2nd	1	AirPods Max
3rd	5	Olive Young Gift Card (KRW 100,000)

■ Upcoming Meetings


Information on the upcoming meetings (ACOMFR 2028 / 2030 and IADMFR 2027) will be presented during the General Assembly at 16:50 on May 1.

■ Stamp Tour

Visit exhibition booths, collect stamps, and receive a gift!

How to Participate

- Step 1** Visit the exhibition booths.
- Step 2** Collect stamps on your tour sheet.
- Step 3** Complete the tour and claim your gift.

 **Reward: Olive Young Gift Card (KRW 10,000)**

* Available at the Registration Desk

Speakers

Invited Session 1

Expanding roles of imaging science in modern dentistry



IS1-1

Hang-Moon Choi

Kangwon National University
Korea



IS1-2

Isti Rahayu Suryani

Universitas Gadjah Mada
Indonesia

Invited Session 2

Advanced imaging approaches beyond conventional radiography



IS2-1

Zainul Ahmad Rajion

International Islamic University
Malaysia
Malaysia



IS2-2

Gang Li

Peking University
China

Invited Session 3A, 3B

Principles and clinical applications of multimodality imaging



IS3A-1

Yoshinori Arai

Nihon University School of
Dentistry
Japan



IS3A-2

Ray Tanaka

The University of Hong Kong
Hong Kong SAR, China



IS3B-1

Shumei Murakami

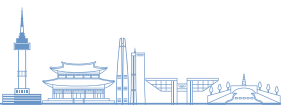
The University of Osaka
Japan



IS3B-2

Sunali Khanna

Nair Hospital Dental College
India



Invited Session 4A, 4B

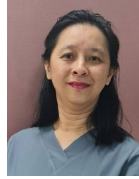
Clinical decision-making and precision diagnosis using advanced imaging



IS4A-1

Wen-Chen Wang

Kaohsiung Medical University
Chinese Taipei



IS4A-2

Onanong Silkosessak

Chulalongkorn University
Thailand



IS4A-3

Ming-Gen Tu

China Medical University
Chinese Taipei



IS4B-1

Masahiro Iikubo

Tohoku University Graduate
School of Dentistry
Japan



IS4B-2

David MacDonald

University of British Columbia
Canada

Invited Session 5A, 5B

Advances in imaging science and their impact on predictive dentistry



IS5A-1

Min-Suk Heo

Seoul National University
Korea



IS5A-2

Sang-Sun Han

Yonsei University
Korea



IS5B-1

Jie Yang

Temple University Kornberg
School of Dentistry
USA

Invited Session 6A, 6B

Artificial intelligence in dentomaxillofacial radiology: Current applications and future perspectives



IS6A-1

Ingrid Rozylo-Kalinowska
Medical University of Lublin
Poland



IS6A-2

Michael Bornstein
University of Basel
Switzerland



IS6A-3

Akitoshi Katsumata
Asahi University
Japan



IS6B-1

Kaan Orhan
Ankara University
Türkiye

Quiz 1, 2

Horse VS Zebra



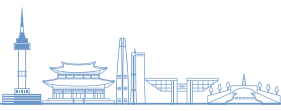
Q1

Chena Lee
Yonsei University
Korea



Q2

Jo-Eun Kim
Seoul National University
Korea



Scientific Program

DAY 1. April 30 (Thu)

09:30-10:50

Invited Session 1

Room A

Expanding roles of imaging science in modern dentistry

Chairperson Ming-Gene Tu (China Medical University, Chinese Taipei)

09:30-10:10 **IS1-1 Is it feasible to incorporate panoramic radiography into the national health and nutrition examination survey?: A pilot study**

Hang-Moon Choi (Kangwon National University, Korea)

10:10-10:50 **IS1-2 Reimagining oral radiology in Indonesia – A journey toward precision dentistry**

Isti Rahayu Suryani (Universitas Gadjah Mada, Indonesia)

11:10-12:30

Invited Session 2

Room A

Advanced imaging approaches beyond conventional radiography

Chairperson Min-Suk Heo (Seoul National University, Korea)

11:10-11:50 **IS2-1 Maxillofacial radiology and 3D printing in medicine & dentistry**

Zainul Ahmad Rajion (International Islamic University Malaysia (IIUM), Malaysia)

11:50-12:30 **IS2-2 Image fusion - A new diagnostic approach to TMJ related abnormalities**

Gang Li (Peking University School and Hospital of Stomatology, China)

13:30-14:50

Invited Session 3A

Room A

Principles and clinical applications of multimodality imaging

Chairperson Onanong Silkosessak (Chulalongkorn University, Thailand)

13:30-14:10 **IS3A-1 Principles and artifacts of CT image reconstruction**

Yoshinori Arai (Nihon University School of Dentistry, Japan)

14:10-14:50 **IS3A-2 Intraoral ultrasonography**

Ray Tanaka (The University of Hong Kong, Hong Kong SAR, China)

15:10-16:10

Quiz 1 (Horse VS Zebra)

Room A

15:10-16:10 **Q1 Horses and Zebras in head and neck imaging (I)**

Chena Lee (Yonsei University, Korea)

16:10-17:30

Invited Session 3B

Room A

Principles and clinical applications of multimodality imaging

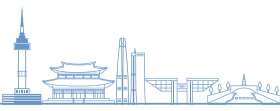
Chairperson Jie Yang (Temple University Kornberg School of Dentistry, USA)

16:10-16:50 **IS3B-1 Basic principles of MRI and its application in the oral region**

Shumei Murakami (The University of Osaka, Japan)

16:50-17:30 **IS3B-2 PET- CT(Fusion Imaging): The paradigm shift in oncological protocols**

Sunali Khanna (Nair Hospital Dental College, India)



DAY 2. May 1 (Fri)

09:00-10:50

Invited Session 4A

Room A

Clinical decision-making and precision diagnosis using advanced imaging

Chairperson Shumei Murakami (The University of Osaka, Japan)

- 09:00-09:30 **IS4A-1 From images to pathology: A precision medicine approach to periapical lesions**
Wen-Chen Wang (Kaohsiung Medical University Chung-Ho Memorial Hospital, Chinese Taipei)
- 09:30-10:10 **IS4A-2 Radiologic insights: Bridging everyday cases and exceptional findings**
Onanong Silkosessak (Chulalongkorn University, Thailand)
- 10:10-10:50 **IS4A-3 CBCT in endodontic retreatment: A tool for precision in calcified and complex root canal cases**
Ming-Gen Tu (China Medical University, Chinese Taipei)

11:10-12:30

Invited Session 4B

Room A

Clinical decision-making and precision diagnosis using advanced imaging

Chairperson Kaan Orhan (Ankara University, Türkiye)

- 11:10-11:50 **IS4B-1 Radiographic diagnosis of root fracture**
Masahiro Iikubo (Tohoku University Graduate School of Dentistry, Japan)
- 11:50-12:30 **IS4B-2 Nasopharynx on cone-beam computed tomography**
David MacDonald (University of British Columbia, Canada)



13:30-14:50

Invited Session 5A

Room A

Advances in imaging science and their impact on predictive dentistry

Chairperson Akitoshi Katsumata (Asahi University, Japan)

13:30-14:10 **IS5A-1 Bone quality prediction using diagnostic images**

Min-Suk Heo (Seoul National University, Korea)

14:10-14:50 **IS5A-2 From image recognition to multimodal understanding: Emerging AI trends in oral and maxillofacial radiology**

Sang-Sun Han (Yonsei University, Korea)

15:10-16:10

Quiz 2 (Horse VS Zebra)

Room A

15:10-16:10 **Q2 Horses and Zebras in head and neck imaging (II)**

Jo-Eun Kim (Seoul National University, Korea)

16:10-16:50

Invited Session 5B

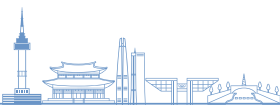
Room A

Advances in imaging science and their impact on predictive dentistry

Chairperson Hang-Moon Choi (Kangwon National University, Korea)

16:10-16:50 **IS5B-1 Image modality innovations in oral and maxillofacial imaging: Promises and challenges**

Jie Yang (Temple University Kornberg School of Dentistry, USA)



DAY 3. May 2 (Sat)

09:00-10:50

Invited Session 6A

Room A

Artificial intelligence in dentomaxillofacial radiology: Current applications and future perspectives

Chairperson Gang Li (Peking University School and Hospital of Stomatology, China)

09:00-09:30 **IS6A-1 AI and virtual reality in teaching oral and maxillofacial radiology**

Ingrid Rozylo-Kalinowska (Medical University of Lublin, Poland)

09:30-10:10 **IS6A-2 DMFR in the age of AI – What changes will we have to expect?**

Michael Bornstein (University of Basel, Switzerland)

10:10-10:50 **IS6A-3 AI medical devices and AI for everyday use in dentistry**

Akitoshi Katsumata (Asahi University, Japan)

11:10-11:50

Invited Session 6B

Room A

Artificial intelligence in dentomaxillofacial radiology: Current applications and future perspectives

Chairperson Michael Bornstein (University of Basel, Switzerland)

11:10-11:50 **IS6B-1 Beyond X-rays: Entering the AI-enhanced dental-dedicated MRI era – What does the future hold for dentistry?**

Kaan Orhan (Ankara University, Türkiye)

Oral Presentation List



Room C

Oral Presentation 1

April 30 (Thu), 13:30-14:30

Chairperson Zainul Ahmad Rajion (International Islamic University Malaysia, Malaysia)

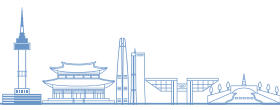
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|--------------|--|-------------------------------------|
| OP1-1 | Amelogenesis imperfecta associated with taurodontism as an incidental radiographic finding: A rare case report and recent literature review | Farah Fadhillah
<i>Indonesia</i> |
| OP1-2 | Mandibular neurofibroma with extensive osseous changes in Neurofibromatosis Type 1: A case report | Nantawat Joombal
<i>Thailand</i> |
| OP1-3 | Diffusion weighted magnetic resonance imaging in diagnosis of vascular anomalies of oral and maxillofacial region: A retrospective study | Medhana Mangaonker
<i>India</i> |
| OP1-4 | CT-based assessment of dento-periodontal and maxillofacial side effects of radiotherapy in ENT cancer patients | Antohti Cristina
<i>Romania</i> |
| OP1-5 | Enhancing radiomic feature reproducibility in nasopharyngeal carcinoma MRI: A comparative evaluation of manual and semi-automatic segmentation techniques | Norasikin Ismail
<i>Malaysia</i> |
| OP1-6 | Tumoral cells highway: An approach to the perineural spread in nasopharyngeal tumors | Danisia Haba
<i>Romania</i> |

Oral Presentation 2

April 30 (Thu), 15:10-17:00

Chairperson Isti Rahayu Suryani (Universitas Gadjah Mada, Indonesia)

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|--------------|---|---|
| OP2-1 | Evaluation of root canal visibility and traceability at different root levels using various CBCT dose protocols | Clarence Dayan
Cardinal
<i>Hong Kong SAR, China</i> |
| OP2-2 | Evaluation of the diagnostic value of dental MRI using a dental-dedicated magnetic resonance imaging coil | Hyewon Seo
<i>Korea</i> |
| OP2-3 | Effect of focus adjustment function of panoramic system based on tomosynthesis method on the visibility of maxillary and mandibular incisors | Nur Redannia Binti
Redzuan
<i>Japan</i> |



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| OP2-4 | Evaluation of imaging protocols for detecting tooth ankylosis using different CBCT devices | Samed Satir
<i>Türkiye</i> |
| OP2-5 | Quantitative texture analysis of vertical root fracture on panoramic radiograph: A pilot study | Young-Eun Kwon
<i>Korea</i> |
| OP2-6 | Impact of field of view size in cone-beam computed tomography on periodontal bone level assessment | Shun Miwa
<i>Japan</i> |
| OP2-7 | Predicting C-shaped canal morphology using MediXpar texture analysis on panoramic radiographs: A pilot study | Sultan Uzun
<i>Türkiye</i> |
| OP2-8 | Comparative radiographic analysis of mandibular third molar impaction pattern and odontectomy difficulty index in Indonesian and Nigerian populations | Babatunde Bamgbose
<i>Nigeria</i> |
| OP2-9 | 3D facial soft tissues changes with extraction or non-extraction orthodontic treatment | Marie Cornelis
<i>Australia</i> |
| OP2-10 | Automated virtual patient creation with CT and CBCT using different fields of view: Assessing accuracy, realism and usefulness | Thanatchaporn Jindanil
<i>Belgium</i> |
| OP2-11 | Usefulness of a hybrid nonlinear model for dental age and growth prediction using CT images of permanent maxillary canine | Beshlina Prakoeswa
<i>Japan</i> |

Oral Presentation 3

May 1 (Fri), 09:30-10:30

Chairperson Chena Lee (Yonsei University, Korea)

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| OP3-1 | Relationship between impacted maxillary canines and palatal arch morphology: A cone-beam computed tomography study | Hatice Kurt
<i>Türkiye</i> |
| OP3-2 | Three-dimensional changes in the pharyngeal airway in growing patients with a retrognathic mandible following treatment with functional appliances: A retrospective case-control study | Paolo Cattaneo
<i>Australia</i> |
| OP3-3 | Velar morphology and its potential implications for velopharyngeal insufficiency and airway consideration in normal individuals: A cross-sectional study | Preethy Mary Donald
<i>Malaysia</i> |

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| OP3-4 | Assessing mandibular bone patterns in osteoporosis and osteopenia by utilization of radiomorphometric indices: A systematic review and meta-analysis | Mohammad Safwan
Sahar
<i>Malaysia</i> |
| OP3-5 | Cervical vertebral maturation staging on lateral cephalograms: A comparison across experience levels and imaging systems (One-shot vs. scanning) | Supawan
Chiemboonsri
<i>Thailand</i> |
| OP3-6 | Decoding dental age in children: Tooth apex surface area analysis across CBCT voxel sizes | Meghna Gohain
<i>Malaysia</i> |

Oral Presentation 4

May 1 (Fri), 11:10-11:40

Chairperson Byung-Do Lee (Wonkwang University, Korea)

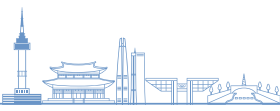
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| OP4-1 | A rare case report and literature review: Periosteal chondroma in mandibular condyle | Fahri Ramadhan
<i>Japan</i> |
| OP4-2 | Expert consensus-based review and refinement of imaging quality management and radiation safety criteria in oral and maxillofacial radiography in Korea: A Delphi study | Hyun Jin Cho
<i>Korea</i> |
| OP4-3 | Evaluation of dose reduction CBCT in pediatric patients: A phantom study | Lee Jiyun
<i>Korea</i> |

Oral Presentation 5

May 1 (Fri), 13:30-14:50

Chairperson Wen-Chen Wang (Kaohsiung Medical University, Chinese Taipei)

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| OP5-1 | Evaluation of large language models' responses to patient-perspective questions on dental panoramic radiographs: A cross-sectional preliminary study | Hak-Sun Kim
<i>Korea</i> |
| OP5-2 | Automated identification of idiopathic osteosclerosis using deep learning: Evaluation of two CNN architectures | Irfan Sugianto
<i>Indonesia</i> |
| OP5-3 | A novel domain-specific augmentation strategy for deep learning-based tooth detection in dental panoramic radiographs | Jaejoon Hwang
<i>Korea</i> |



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| OP5-4 | Hybrid vision-language framework for tooth-level dental report generation from panoramic radiographs | Mobin Ahmadi
<i>Korea</i> |
| OP5-5 | Development of an AI-driven web application for periodontal prognosis via panoramic radiographs | Phattaranant Mahasantipiya
<i>Thailand</i> |
| OP5-6 | Deep learning-based automated dental age estimation from panoramic radiographs in Thai adolescents and young adults | Pisha Pittayapat
<i>Thailand</i> |
| OP5-7 | Content-based retrieval of panoramic radiographs using detection-guided contrastive embedding | Sang Heon Lim
<i>Korea</i> |
| OP5-8 | Anatomy conditioned diffusion-based unsupervised anomaly detection and classification of jaw cysts and tumors on panoramic radiographs | Sujeong Kim
<i>Korea</i> |

Oral Presentation 6

May 1 (Fri), 15:10-16:20

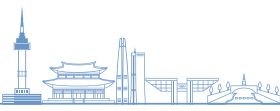
Chairperson Yoshinori Arai (Nihon University School of Dentistry, Japan)

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| OP6-1 | Deep learning-based segmentation of the maxillary sinus on panoramic radiographs using MedSAM and DeepLabv3+ | Yong Chan Park
<i>Korea</i> |
| OP6-2 | Semi-supervised deformation-free image-to-image translation for realistic CT synthesis from CBCT | Ji Yong Han
<i>Korea</i> |
| OP6-3 | Evaluation of dental students' diagnostic skills using an artificial intelligence tool | Elif Sena Sargın
<i>Türkiye</i> |
| OP6-4 | Prediction of masseter muscle elasticity from B-mode ultrasound images using texture-based radiomic features and ridge regression | Firdevs Asantogrol
<i>Türkiye</i> |
| OP6-5 | Effects of labeling strategy and input image size on deep learning-based temporomandibular joint segmentation in transcranial radiography | Nayeon Kim
<i>Korea</i> |
| OP6-6 | How generative AI models depict oral and maxillofacial radiologists with administrative duties | Aydin Ulkem
<i>Türkiye</i> |



OP6-7 Applications of artificial intelligence in dentomaxillofacial radiology: A systematic review of imaging-based diagnostic performance

Monica Piña D'Abreu
Spain

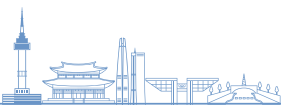


e-Poster List

e-Poster List

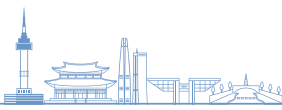
EP-18	Ameloblastic fibro-odontoma with a congenitally missing mandibular second molar: A rare case report	Byung-Do Lee <i>Korea</i>
EP-19	CBCT evaluation of cortical bone thickness for orthodontic mini-implant in Mongolian population	Oyuntugs Rashsuren <i>Mongolia</i>
EP-21	Performance assessment of generative AI for the board certification examination of the Japanese Society for Oral and Maxillofacial Radiology	Yohei Takeshita <i>Japan</i>
EP-24	Prediction of cervical metastasis in patients with squamous cell carcinoma of the tongue using FDG-PET accumulation parameters and texture analysis	Shin Nakamura <i>Japan</i>
EP-27	A case of mandibular carcinoma cuniculatum: Multimodal imaging findings and diagnostic implications	Ami Kuribayashi <i>Japan</i>
EP-30	Evaluating the performance of YOLO v4 in detecting periodontal bone loss on panoramic radiographs	Dida Devina <i>Indonesia</i>
EP-31	Overview of differences in the sizes of the maxillary sinus by sex using panoramic radiography	Dayanara Lopita <i>Indonesia</i>
EP-33	Implementation of YOLO v5 for radiographic bone loss detection in periapical projections	Sari Kemaladini <i>Indonesia</i>
EP-36	Fractal dimension analysis of trabecular bone density in postmenopausal women (panoramic radiography study)	Laili Marifah <i>Indonesia</i>
EP-37	Analysis of impacted maxillary canines angulation through panoramic radiographs at Universitas Airlangga Dental Hospital	Amalia Ananda <i>Indonesia</i>
EP-38	Effect of mangosteen peel application on bone resorption in a periodontitis model following X-ray exposure	Evita Indrawati <i>Indonesia</i>
EP-57	Automated detection of alveolar bone loss in periapical radiographs using YOLO v4	Dorothea Sulihingtyas <i>Indonesia</i>
EP-63	Effectiveness of software for reducing susceptibility artifacts	Ami Takeshita <i>Japan</i>
EP-67	AI powered caries detection on panoramic radiographs using YOLOv5: A high accuracy retrospective study	Radika Siddiq <i>Indonesia</i>

- EP-68** The case of radicular cyst with inflammation at the right side of mandible: An uncommon case finding Christian Budikusuma
Indonesia
- EP-69** CBCT evaluation of craniofacial asymmetry in hemifacial microsomia: A case report Fery Sormin
Indonesia
- EP-73** Subcutaneous emphysema and pneumomediastinum secondary to endodontic treatment: A case report Hui-Wu Yang
Chinese Taipei
- EP-77** Investigation of masseter muscle volume changes in anterior disc displacement of the temporomandibular joint: An MRI-based case-control study Melek Tassoker Bulut
Türkiye
- EP-78** Three dimensional craniofacial measurements using ZTE-MRI Yuka Uchimoto
Japan
- EP-83** Prevalence of well-defined radiolucent lesions in the jaw of Korean children Suk-Ja Yoon
Korea
- EP-91** Dynamic contrast-enhanced magnetic resonance imaging for distinguishing vital and non-vital teeth in jaw lesions: A validation study Supasith Yomtako
Thailand
- EP-95** Influence of PET/CT misregistration with metal artifacts from dental prostheses on SUV quantification in SiPM PET/CT Naoko Watanabe
Japan
- EP-105** Segmental odontomaxillary dysplasia in a 16-year-old Thai female: A case report Wariya Panprasit
Thailand
- EP-111** Comparative analysis of mandibular buccal shelf, infrazygomatic crest and palatal bone thickness based on vertical dimension variation for orthodontics mini implant: A cone beam computed tomography (CBCT) study Dio Arlingga
Indonesia
- EP-112** Ultrasonographic features of a rare submasseteric abscess: A case report Rr. Astrid Dyah Rahardjo
Indonesia
- EP-114** Integrated radiographic and ultrasonographic approach in diagnosing buccal region lipoma: A case report Septia Wilujeng
Indonesia
- EP-117** Development of a radiation dose reduction method for cone-beam CT for dental use with small-data MTANN AI imaging Ami Kuribayashi
Japan
- EP-127** Analysis of root number and canal morphology of maxillary premolars using cone-beam computed tomography Yunhoa Jung
Korea



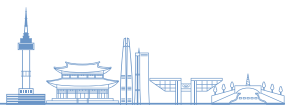
- EP-128** Conformalized quantile regression for convolutional neural network-based dental age estimation from panoramic radiographs
Witsarut Upalananda
Thailand
- EP-130** Radiomics features of mandibular cortical index on panoramic radiographs for osteoporosis detection
Sultan Uzun
Türkiye
- EP-131** Automated detection of dental caries on panoramic radiographs using a deep learning approach: A preliminary study with YOLOv8
Gyeongseung Lee
Korea
- EP-139** Utility of the PETRA MRI sequence in evaluating TMJ calcification: A case report
Suhyeon Kim
Korea
- EP-141** CBCT features of mandibular ossifying fibroma mimicking aggressive pathology with cortical disruption and neurovascular displacement
Aga Satria
Nurrachman
Indonesia
- EP-144** Comparison of metabolic activity values in mandibular condyles between patients with condylar hyperplasia and asymptomatic individuals using nuclear medicine imaging techniques
Pipop
Sutthiprapaporn
Thailand
- EP-146** Effect of room temperature and scan delay on image quality of photostimulable phosphor plates
Şelale Özel
Türkiye
- EP-153** Semi-automated AI workflow for condylar angle measurement on CBCT
Jae-Seo Lee
Korea
- EP-156** YOLOv8-based automated classification of mandibular third molar impaction in panoramic radiography
Ramadhan Putra
Indonesia
- EP-158** Radioprotective and regenerative effects of mesenchymal stem cell metabolite gel in hyperglycemic conditions
Nastiti Ramadhani
Indonesia
- EP-159** Familial cleidocranial dysplasia in two siblings: A case report focusing on dental and craniofacial radiographic manifestations
Kyoung-A Kim
Korea
- EP-160** Effect of mangosteen (*Garcinia mangostana* L.) pericarp extract mucoadhesive patch on osteoclast expression in an X-ray-exposed periodontitis model
Deny Saputra
Indonesia
- EP-164** Quantitative analysis for radiographic features of endodontically treated teeth with vertical root fracture
Chih Chia Huang
Chinese Taipei

EP-166	Clinical implication of CBCT-based root canal navigation software	Hui Jeong Korea
EP-169	Evaluation of vertical magnification using a Panorama phantom®	Hong Kim Korea
EP-171	Quantitative effect of metal artifact reduction during CT imaging	Hideki Suito Japan
EP-172	Ghost and pseudo-ghost images in panoramic radiography	Yo-Seob Seo Korea
EP-174	Comparative analysis of clinical image evaluation charts for panoramic radiography	Yeonhee Kim Korea
EP-175	Order-aware hierarchical deep learning for automatic prediction of Fishman's skeletal maturity indicators from hand-wrist radiographs	Jangyo Bae Korea
EP-188	Ewing sarcoma of temporomandibular joint: A rare but important differential diagnosis	Yu-Ri Kim Korea
EP-189	Imaging-driven diagnosis of oral squamous cell carcinoma: A case report highlighting cross-sectional modalities	Irnawati Ilham Indonesia
EP-190	Serial radiographic observations of recurrent ameloblastoma post-surgical treatment: A case report	Husnul Hatimah Indonesia
EP-191	Multifocal periapical pathoses with significant cortical destruction: Radiographic evaluation of concomitant inflammatory lesion and radicular cyst – A case report	Yuntrisnawaty Kasim Indonesia
EP-192	Age estimation using radiographic pulp-tooth width ratio of permanent maxillary incisors in Thai population	Matchima Phetsuit Thailand
EP-193	Diagnostic value of panoramic radiography and computed tomography in mandibular ameloblastoma: A case report	Fahriah Tuasamu Indonesia
EP-194	Inter-observer reliability in the assessment of geniohyoid muscle using the ultrasound image: A comparative study by age group	Yuuri Oku Japan
EP-196	Rectified Flow framework for synthetic contrast-enhanced CT generation in the head and neck	Ki-Min Jung Korea
EP-205	Identification of internal root resorption in maxillary incisors with cone-beam computerized tomography: A case report	Sheng Yao Lai Chinese Taipei



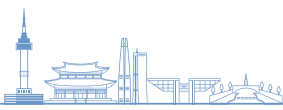
- EP-211** Unlocking the secrets of impacted teeth: Accurate analysis with segmented 3D-CBCT on maxillary incisors – case studies
Rezky Amalia
Indonesia
- EP-212** Fractal dimension analysis of panoramic radiographs for radiographic healing assessment of odontogenic keratocyst: A case report
Uce Ayuandyka M
Indonesia
- EP-214** Material decomposition between gold nanoparticles and iodine using clinical dual-energy CT
Hiroaki Shimamoto
Japan
- EP-215** Atypical radiographic bone destruction in oral squamous papilloma: Diagnostic implications
Purnamasari
Massalinri
Indonesia
- EP-216** A rare basal cell adenoma of the maxillary sinus mimicking a mucocele: Radiographic characteristics in a case report
Nayla Pawa
Indonesia
- EP-218** Imaging features of chronic recurrent osteomyelitis involving the jaw
Chena Lee
Korea
- EP-220** Radiographic spectrum of odontomas: A comparative report of two pediatric cases
Kornkamol
Kretapirom
Thailand
- EP-221** Clinico-radiologic features of craniofacial lipatrophy in dental patients: A retrospective case series
Jong Woo Kim
Korea
- EP-225** Clinical imaging guidelines for impacted maxillary third molars: An evidence-based approach
Ah-Young Kwon
Korea
- EP-228** Distinctive imaging features of benign cementoblastoma: A case report
Andi Amin
Indonesia
- EP-229** Submandibular swelling mimicking a cystic lesion: An ultrasonographic diagnostic pitfall
Irresta Putri
Indonesia
- EP-233** Differentiating oral squamous cell carcinoma from osteomyelitis via mandibular canal changes on panoramic radiographs
Jung Eun Park
Korea
- EP-243** Dental age estimation in juvenile Thais: A comparison of three methods
Sunpatch
Benjavongkulchai
Thailand
- EP-255** Application of MRI-CT fusion imaging in RALS-HDR interstitial brachytherapy for tongue cancer
Tomomi Tsujimoto
Japan

- EP-256** Extranodal diffuse large B-cell lymphoma arising in mandible: A case report
In-Woo Park
Korea
- EP-257** Three-dimensional analysis of magnetic susceptibility artifacts in MRI
Kosei Ueshima
Japan
- EP-258** Accuracy comparison of periapical radiographs for working length measurement between undergraduate and post graduated dental students at the Faculty of Dentistry, Universitas Gadjah Mada
Rurie Shantiningsih
Indonesia
- EP-259** Dental detection and diagnosis of pituitary adenoma induced acromegaly: Report of a case
Seokjun Hwang
Korea
- EP-260** Inflammatory rhabdomyoblastic tumor in the buccal mucosa: An imaging report
Yuki Shimizu
Japan
- EP-264** Imaging presentation of mucosal lymphatic malformation in a pediatric patient: A multimodality case report
Muhammad Teguh Putra AF
Indonesia
- EP-266** Intraosseous progression mucoepidermoid carcinoma: Case report and imaging considerations
Gonzalo Arellano Gallo
Chile
- EP-267** Evaluation of tooth wear and fractal analysis of mandibula in bruxism
Derya Yıldırım
Türkiye
- EP-269** Dento-periodontal assessment in ENT cancer patients using OPT and CBCT: A prospective comparative study
Antohti Cristina
Romania
- EP-272** Mandibular bone density associated with horizontal and vertical positions of impacted mandibular third molars
Rini Widyaningrum
Indonesia
- EP-275** Extensive radicular cyst of the anterior maxilla with superior nasal floor displacement: A clinical, radiographic, and histopathologic case report
Siska Utami
Indonesia
- EP-283** Semi-quantitative analysis of bone change using cone-beam CT
Ko Dezawa
Japan
- EP-285** Comparative accuracy of digital panoramic radiography and cone beam computed tomography in assessing mental nerve entry patterns into the mental foramen
Andi Fauziah Alrahma
Indonesia



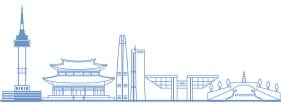
- EP-286** Panoramic radiographic detection of elongated styloid process: A five-year retrospective study in an Indonesian subpopulation
Az zikra Syamsuri
Indonesia
- EP-298** Clinicoradiologic features of glandular odontogenic cyst: A retrospective analysis of 45 cases with emphasis on computed tomographic images
Kyeo-Re Kim
Korea
- EP-301** Utilizing cone-beam computed tomography to diagnose and treat fractures of the mandibular condyle: A case report
Khamila Anjani
Indonesia
- EP-302** Incidental detection of “susuk” charm needles on CBCT during pre-implant assessment: A case report
Anak Agung Gde Dananjaya Agung
Indonesia
- EP-310** Dental infection to fatal pathways: CT and MRI findings of thrombophlebitis in cavernous sinus and jugular vein
Chang-Ki Min
Korea
- EP-311** Radiologic characteristics and postoperative follow-up of multilocular ameloblastoma on panoramic radiography: A case report
Hetty Laonu
Indonesia
- EP-313** Central osteophytes on the superior surface of the mandibular condyle detected by cone-beam computed tomography
Jin-Woo Han
Korea
- EP-314** Performance of large language models on the Korean dental licensing examination: A comparative study
Hangeeol Yeom
Korea
- EP-318** Diagnostic value of panoramic radiography and CBCT in anterior mandibular ameloblastoma with root resorption: A case report
Retno Ananda
Indonesia
- EP-321** Imaging features of lymphoma of the jaw: A report of 53 cases
Jyotsna Jaswanth
Korea
- EP-323** Orbital floor extension of right maxillary craniofacial fibrous dysplasia: A case report
Johanna Aritonang
Indonesia
- EP-326** Internal structural pattern of ameloblastoma on CT imaging: A comparative analysis of maxillary and mandibular lesions – A case series
Firda Bilma Fauziah
Indonesia
- EP-330** Report two cases and CBCT radiographic analysis of unilateral and bilateral kissing molars
Merry Damayanti
Indonesia

EP-334	Deep curriculum learning for TMJ osteoarthritis classification on dental panoramic radiographs	Dahee Kim <i>Korea</i>
EP-336	DentalRegiformer: A fully automated deep learning framework for coarse-to-fine registration between intraoral scan and CBCT image	Heejin Yun <i>Korea</i>
EP-338	Investigation of tumor-related factors contributing to variability in intraoral ultrasonographic assessment of depth of invasion	Masaki Takamura <i>Japan</i>
EP-340	Multi-material physics-informed neural network framework for predicting displacement fields in dental crowns under varying occlusal forces	Hyunbin Yun <i>Korea</i>
EP-341	Radiographic hallmarks of a rare hybrid odontogenic keratocyst–ameloblastoma of the mandible: A case report	Donna Liling <i>Indonesia</i>
EP-342	Pseudoepitheliomatous hyperplasia associated with peripheral ameloblastoma: A case report	Muhammad Raihan Yusuf Arrahman <i>Indonesia</i>
EP-352	Cone-beam computed tomography findings of concurrent florid cemento-osseus dysplasia and secondary maxillary osteomyelitis: A case report	Bayu Putra <i>Indonesia</i>
EP-353	Palatal mucoepidermoid carcinoma with benign-appearing features: A radiologic–pathologic diagnostic pitfall	Virdha Mulya <i>Indonesia</i>
EP-354	Evaluation of dental students' knowledge of panoramic radiographs; normal anatomy and jaw lesions	Yoon Joo Choi <i>Korea</i>
EP-357	Evaluation of an atypical radiolucent lesion in the anterior mandible of a pediatric patient with Burkitt's Lymphoma: A case report	Farris Giffari <i>Indonesia</i>
EP-358	A rare pediatric case of maxillary dentigerous cyst with extensive sinus involvement: Case report	Dewi Manikmaya <i>Indonesia</i>
EP-360	Contralateral-guided CBCT alveolar bone defect restoration for bone graft volume assessment prior to implant placement	Hoyoon Choi <i>Korea</i>
EP-362	An uncommon case description of an anterior mandibular odontogenic keratocyst	Irind Amansyah <i>Indonesia</i>
EP-364	Field of view size and image uniformity in cone beam CT	Takashi Kamio <i>Japan</i>



- EP-370** Fibromatous epulis mimicking a benign soft tissue tumor on panoramic radiography: A radiologic diagnostic challenge
Ramayanti Salam
Indonesia
- EP-374** Extensive complex odontoma of the mandible requiring segmental resection: A case report
Dwi Desiayunis
Indonesia
- EP-375** Traumatic pseudoaneurysm of the superior labial artery presenting as a pulsatile upper lip mass
Gyu-Dong Jo
Korea
- EP-379** Surgical treatment of cysts: A 6 months follow up case report
Antohti Cristina
Romania
- EP-385** Context-aware segmentation of internal tooth structures in dental CBCT
Tae Yeon Lee
Korea
- EP-391** A case with an intraosseous lipoma and two Stafne bone cavities in the mandible
Megumi Nose
Japan
- EP-392** Presentation of rare maxillary ameloblastoma with palatal and maxillary sinus involvement
Cesilia Ekariani
Indonesia
- EP-402** A phantom-based protocol for fiducial marker placement in CBCT–IOS registration with severe metal artifacts
Jun-Tae Park
Korea
- EP-407** Image diagnosis of a case of solitary fibrous tumor in the cheek
Reika Hanaoka
Japan
- EP-414** Odontogenic myxoma: A case presentation with classic characteristics
Krittamate Kerewichien
Thailand
- EP-415** Aggressive mandibular odontogenic keratocyst mimicking dentigerous cyst and ameloblastoma: A panoramic and CT imaging case report
Hamdani Hamdani
Indonesia
- EP-417** AI-powered learning to advance tooth recognition skills in dental assistant education
Supaluck Deeduai
Thailand
- EP-427** Size and expansion characteristics of benign radiolucent mandibular lesions: A cone-beam computed tomography analysis
Pornkaweew Charoenlarp
Thailand
- EP-431** Automatic detection of facial landmarks for facial morphology analysis on 3D facial scans using geometric deep learning
Shin-Hyun Kang
Korea

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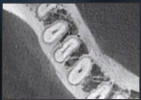
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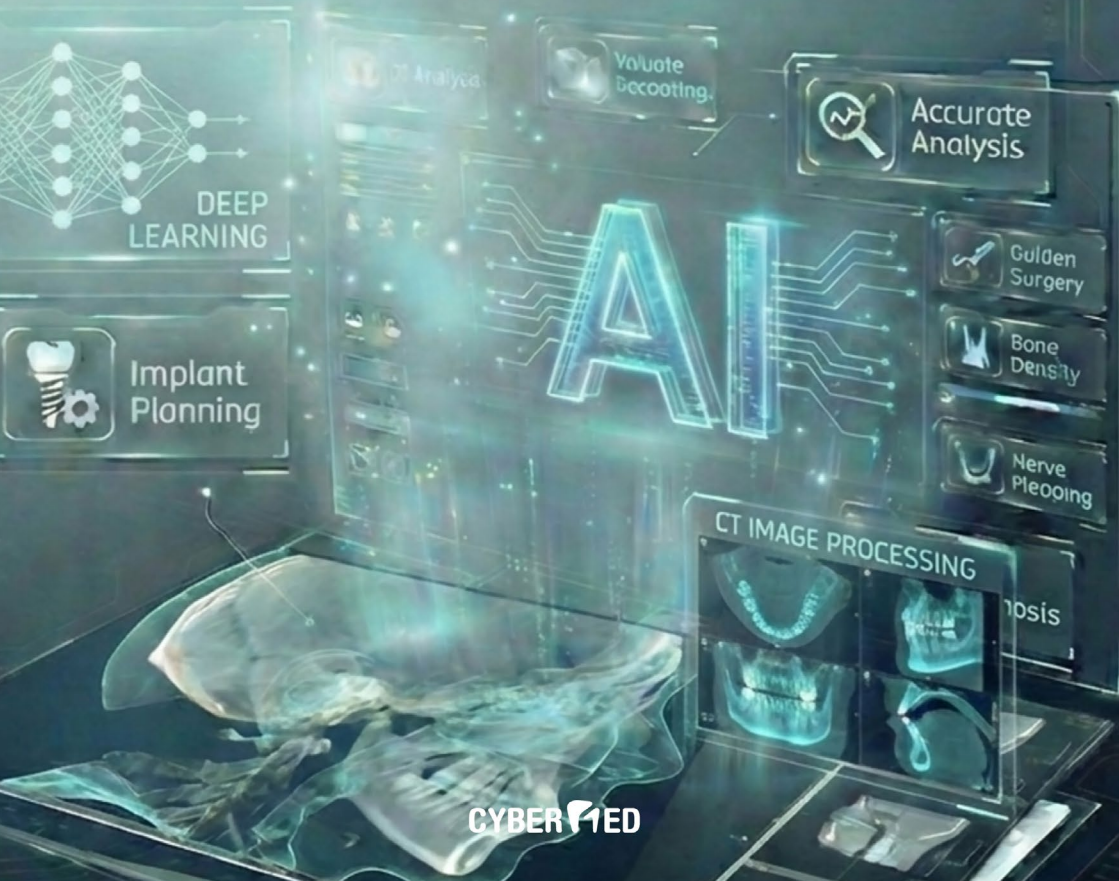
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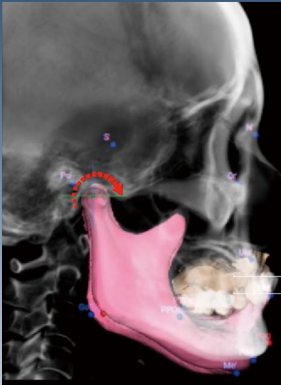
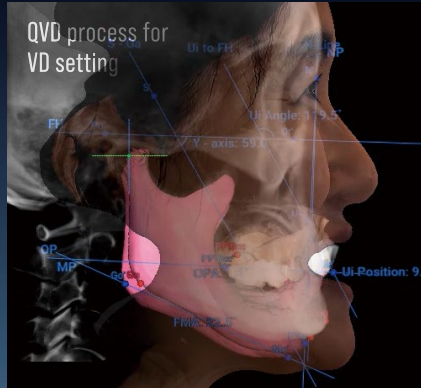
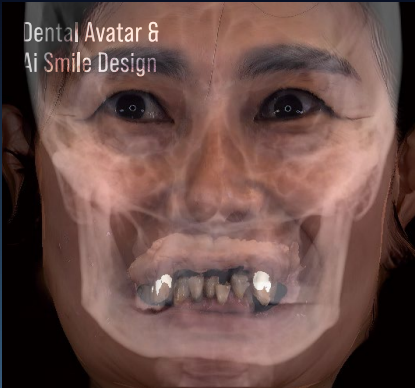
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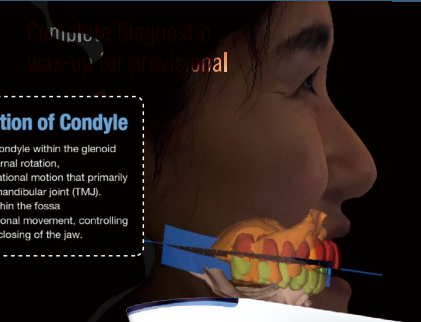
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