

KAO Scientific Research

**The Possibility of Spontaneous Correction of Malocclusion through Solving Various Social Etiologic Factors**

Jae Ho Baek (Private practice, Korea)

KAOF Scientific Research

**A Retrospective Study on the Prevalence of Orthodontic Problems in 6,7,8-year-old Korean Using Panoramic Radiograph**

Jiyeon Lee (National Health Insurance Service Ilsan Hospital, Korea)

APOC Oral Presentation

**Predictable Orthodontic Treatment with TAD's and Digital Splint**

Ajit J. Kalia (MA Rangoovala College of Dental Sciences, India)

**Stability of Bimaxillary Proclination Cases Following Fixed Appliances Treatment: A Randomised Controlled Trial**

Norhidayah @ Nor zahidah Mohd Tahir (Universiti Malaya, Malaysia)

**Management of Malposed, Impacted and Transposed Canines - Case Series**

Amit Nagar (King George's Medical University, India)

**How Did We Create "Magic Wand" to Manage Orthodontic Complications**

Tingxi Wu (Forsyth Institute, USA)

Clinical Oral Presentation I

**Application of Mini-implants and a New-type Posterior Tube Appliance for Premolar Extraction Cases**

Jin-Young Choi (Kyung Hee University Dental Hospital, Korea)

**Four Premolar Extraction Using Clear Aligner**

Hong-Sik Park (Private practice, Korea)

**Hybrid Removable Appliances Design for Treatment of Various Malocclusion**

Jae Ho Baek (Private practice, Korea)

**Effective Uprighting Method for Horizontally Impacted Lower Third Molar: The Modified Bonded Cantilever Spring**

Seung-Min Lim (Private practice, Korea)

Clinical Oral Presentation II

**Computer-Aided Orthodontics for Precise Diagnosis**

Sung-Hwan Choi (Yonsei University, Korea)

**Automatic Evaluation of SMI and Bone Age Using Artificial Intelligence and Deep Learning**

Jung Suk Kim (Private practice, Korea)

**Face Driven Orthodontic Solution: Let's Make a 3D Face!**

Sangmi Lee (Private practice, Korea)

**Case reports of orthodontic treatments by directly 3d printed clear aligners**

Miyoung Sim (Tsurumi University, Japan)

Clinical Oral Presentation III

**Strategies for Successful Non-Extraction Orthodontic Treatment**

Hyung Sik Yoon (Private practice, Korea)

**Which Prescription Should We Use? Comparison Between Bracket Manufacturers & Tips for Individualized Prescription Selection**

Byungju Joh (Private practice, Korea)

**A Novel Approach for Growth Modification in Skeletal Class II High Angle Patients**

Hoon Kim (Private practice, Korea)

**The Lower Lip Profile Change During Total Distalization of the Mandibular Dentition**

Hwa Sung Chae (Ajou University, Korea)

Greetings



Dear colleagues and honorable members,

On behalf of the Korean Association of Orthodontists (KAO), I would like to invite you to the joint conference of the 55th Annual Congress of the KAO and the 13th Asian Pacific Orthodontic Congress (APOC). The meeting will be held at COEX, Seoul from Oct 28th to Oct 30th, 2022. The main theme of the meeting is "Creating a New Era in Orthodontics." The invited speakers for the special lectures are Dr. Nikhilesh Vaid, Dr. Young-Gon Kim, Dr. Alfred Griffin, Dr. Sunil Kapila, and Dr. Theodore Eliades. In addition, renowned speakers including Prof. Chung-Ju Hwang and Prof. Kyung-Ho Kim will present at the special sessions. Simultaneous translation will be provided during special lectures, symposium, and special sessions. In addition, clinical oral presentations, research & clinical presentation, e-poster presentations, and excellent case display will also highlight the meeting. Information on the meeting and registration will be provided on the website (<http://www.apoc2022seoul.org>). I hope that all participants will enjoy the attractions in Seoul and beautiful scenery in autumn besides the academic events. I believe that this meeting will be a great opportunity for the academic growth of orthodontists from all over the world. See you in COEX. Thanks.

Seung-Hak Baek

President

Korean Association of Orthodontists

Ko Hwang Award

**Long-Term Stability of Patients with Transverse Discrepancy by Orthodontic Treatment only**

Seong-Min Bae (Private practice, Korea)

Veteran's Lecture

**Guideline for Ortho-Perio Integrated Approach**

Chung Ju Hwang (Yonsei University, Korea)

Presidential Lecture

**Third Molars in Orthodontics: to Retain, or Not to Retain, That is the Question**

Kyung-Ho Kim (Yonsei University, Korea)

Symposium: Early Treatment

**Orthopedic Treatment of Skeletal Class III Malocclusions with Bone-borne Appliances**

Sang-Min Lee (Dankook University, Korea)

**When should We Initiate Orthodontic Intervention for Skeletal Class II?**

Hyo-Won Ahn (Kyung Hee University, Korea)

**Long-Term Evaluation of Class II Treatment in Adolescents with Hyperdivergent Growth Pattern**

Do-Keun Kim (Private practice, Korea)

**Consideration of Aging in Growing Patients**

Jin-Hyoung Cho (Chonnam National University, Korea)

Korean Association of Orthodontists

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October 28-30, 2022 COEX, Seoul, Korea

The 13th Asian Pacific Orthodontic Congress
The 55th Annual Scientific Congress of the Korean Association of Orthodontists

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Program at a Glance

| Fri (10/28) APOC Day 1 | | | | Sat (10/29) APOC Day 2 | | | | Sun (10/30) APOC Day 3 | | | | |
|------------------------|------------------------------------|---|---|--------------------------------|---|---|--------------------------------------|--------------------------------|-------------------------------|---------------------------|----------------------------------|-----------------------------------|
| Time | Conference Room E1-2 | Conference Room E3-4 | Conference Room E5-6 | Time | Auditorium | Grand Ballroom 101-102 | Grand Ballroom 103-105 | Time | Auditorium | Grand Ball room 101-102 | Grand Ball room 103 | |
| 08:30-08:50 | Residents' Forum : Opening Address | | | 08:30-09:00 | Young Investigator Award 2022 | | | 08:30-09:00 | KAO Scientific Research | | | |
| 08:50-11:30 | Case Session I | Research Session I | Pre-Congress ☞ | 09:00-09:30 | APOS Oration ☞ | Staff Lectures | | 09:00-09:30 | KAOF Scientific Research | APOC Oral Presentations ☞ | Clinical Oral Presentations I ☞ | |
| | | | | 09:30-10:00 | Opening Ceremony ☞ | | | 09:30-10:20 | Ko Hwang Award ☞ | | | |
| | Case Session II | Research Session II | | 10:00-10:30 | | | | 10:20-10:50 | Coffee Break | | | |
| | | | | 10:30-11:30 | Special Lecture I ☞ | | | Special Lecture II ☞ | 10:50-11:40 | Veteran's Lecture ☞ | Clinical Oral Presentations II ☞ | Clinical Oral Presentations III ☞ |
| | | | | 11:30-12:30 | Special Lecture III ☞ | | | Special Lecture IV ☞ | 11:40-12:30 | Presidential Lecture ☞ | | |
| 11:30-13:00 | Lunch Break | | 12:30-14:00 | Lunch Break/Poster Competition | | | 12:30-14:00 | Lunch Break/Poster Competition | | Ethical Lecture | | |
| 13:00-15:40 | Case Session III | Research Session III | Pre-Congress ☞ | 14:00-14:30 | Session I ☞ : Overcoming Orthodontic Barriers | Session II ☞ : Orthodontic treatment in TMD | Session III ☞ : Digital Orthodontics | 14:00-14:30 | Symposium ☞ : Early Treatment | | | |
| | | | | 14:30-15:00 | | | 14:30-15:00 | | | | | |
| | 15:00-15:30 | Coffee Break | | | 15:00-15:30 | | | | | | | |
| | 15:30-16:00 | | | | 15:30-16:00 | | | | | | | |
| 16:00-18:00 | | | KAO Council Meeting (Conference Room North 201) | 16:00-16:30 | Session IV ☞ : Airway-driven Orthodontics | Session V ☞ : Aligner & AI | Session VI ☞ : Vertical Management | 16:00-16:30 | Closing Ceremony ☞ | | | |
| 17:00-19:00 | Residents' Night | | 16:30-17:00 | | | | | | | | | |
| 19:00-21:00 | | Welcome Reception (Conference Room North 202-203) | 17:00-17:30 | | | | | | | | | |

Session I: Overcoming Barriers to Orthodontic Treatment

-  **Current Evidence on Localized Surgical Injury for Acceleration of Tooth Movement: Clinical and Basic Science Evidence**
Flavio Uribe (University of Connecticut, USA)
-  **Clinical Management of Orthodontic Root Resorption**
Glenn Sameshima (University of Southern California, USA)
-  **Orthodontic Treatment Planning and Management of the Periodontally Compromised Patient**
Martin Antonio V. Reyes (Private practice, Philippines)

Session II: Orthodontic Treatment in Patients with TMD

-  **Two Cases of Orthodontic Treatment for Progressive Mandibular Recession Patients**
Okashita Sintaro (Private practice, Japan)
-  **Orthodontic Management of Anterior Open Bite Combined with TMD**
Yoon Jeong Choi (Yonsei University, Korea)
-  **Towards an Optimal Therapy Strategy, Pharmacologic Treatment for Temporomandibular Disorders**
Ji Woon Park (Seoul National University, Korea)

Session III: Diagnosis and Treatment in Digital Era

-  **Staying Ahead of the Curve with In-office Clear Aligners**
Geraldine Lee (Private practice, Singapore)
-  **Diagnosis and Treatment Planning in the Digital Era**
Ashley Smith (Private practice, Australia)
-  **Disclusion for Mandibular Asymmetry Correction**
Chairat Charoemratrote (Prince of Songkla University, Thailand)

Session IV: Airway-driven Orthodontics

-  **How Can ENT Doctors Collaborate with Orthodontists about Pediatric OSA?**
Sung Wan Kim (Kyung Hee University, Korea)
-  **How Much Can Orthodontic Treatment Influence the Obstructive Sleep Apnea?**
Ali Darendeliler (University of Sydney, Australia)
-  **Consideration of Upper Airway Obstruction in Orthodontic Diagnosis and Treatment for Pediatric Patients**
Hong He (Wuhan University, China)

Session V: Aligners and Artificial Intelligence

-  **Surgery First Approach with Clear Aligner Technique**
Sandra Tai (Private practice, Canada)
-  **Artificial Intelligence-based Craniofacial Diagnosis of Obstructive Sleep Apnea**
Hwi-Dong Jung (Yonsei University, Korea)
-  **Artificial Intelligence for Digital Setup**
Yoon-Ji Kim (University of Ulsan Asan Medical Center, Korea)

Session VI: Management of Vertical Problems

-  **Vertical Control for Enhancing Esthetic Outcome**
Rangarajan Krishnaswamy (Dr. M.G.R. Medical University, India)
-  **A Stepwise Approach to the Correction of Excessive Gingival Display**
Eddie Hsiang-Hua Lai (National Taiwan University, Taiwan)
-  **Three-dimensional Management in Open Bite Treatment**
Doan Quoc Huy (Private practice, Vietnam)

All Information about 2022 KAO APOC





Mobile website <http://www.apoc2022seoul.org>

☞ Simultaneous interpretation will be provided. (Korean ⇄ English)



Academic Events Oct 28 (Fri)

Pre-Congress: TADs in Korea


-  **Uprighting Impacted Mandibular Second Molars with a Cantilever System Using TADs**
Sang-Jin Sung (University of Ulsan Asan Medical Center, Korea)
-  **Radiographic Evaluation of Installation Site for Mini-implant**
Il-Hyung Yang (Seoul National University, Korea)
-  **Biocreative Innovations in Transverse Problem Correction**
Seong-Hun Kim (Kyung Hee University, Korea)
-  **Vertical Problem Correction Using Mini-screws**
Jung-Min Heo (Private practice, Korea)

Oct 29 (Sat)

Young Investigator Award 2022

-  **Various Applications of CBCT in Orthodontic Treatment: From Treatment Planning to Treatment Evaluation**
Min-Hee Oh (Chonnam National University, Korea)

APOS Oration

-  **If Pinocchio was an Orthodontic Salesman**
Nikhilesh R Vaid (WFO, President, India)

Special Lectures

-  **I. Deep Learning for Medical Imaging**
Young-Gon Kim (Seoul National University, Korea)
-  **II. A New Era in Personalized Orthodontics**
Alfred Griffin (CEO, LightForce, USA)
-  **III. Virtual Collaborative Interdisciplinary Treatment Planning**
Sunil Kapila (University of California Los Angeles, USA)
-  **IV. 3D Printing of Polymeric and Metallic Orthodontic Appliances: Where's the Evidence**
Theodore Eliades (University of Zurich, Switzerland)