# Curriculum Vitae

**KEE-JOON LEE, DDS, PhD.** 

Revised on Dec 31, 2022

Professor, Department of Orthodontics,

Dean, College of Dentistry, Yonsei University

50 Yonsei-ro, Seodaemun-gu, Seoul, Korea

TEL) +82-2-2228-3105

FAX) +82-2-363-3404

E-mail) orthoin@yuhs.ac

Dr. Kee-Joon Lee is a professor of the Department of Orthodontics, Yonsei University College of Dentistry, Seoul, Korea. He is the current dean of the Yonsei University College of Dentistry. He received DDS and PhD degree at the Graduate school, College of Dentistry, Yonsei University. He completed the orthodontics specialty training in Yonsei University Dental Hospital. He was a visiting scholar at the Department of Biochemistry, University of Pennsylvania School of Dental Medicine in 2002-2004 and at the Division of Plastic Surgery, the Children's Hospital of Philadelphia in 2010-2011. He was an adjunct professor at the Department of Orthodontics, University of Pennsylvania between 2016 and 2019 and at Temple University between 2010 and 2011. He has contributed many book chapters on biomechanics of miniscrew-driven orthodontics, non-extraction treatment in adults, up-to-date lingual orthodontic mechanics and surgery-first approached using TADs. He is the first who demonstrated the miniscrewassisted rapid palatal expander (MARPE) for adults in AJO-DO, which was cited by many other authors. He has published many articles and case reports regarding the treatment of non-eruption, and total arch movement for hyperdivergent face in orthodontic journals including two cover issues in AJO-DO. His fields in research include clinical biomechanics regarding TADs application and the suture and bone responses to orthodontic stimulus. He has served as a reviewer in major orthodontic journals, including AJO-DO, Angle Orthodontists and European Journal of Orthodontics. He has been invited to many international orthodontic conferences around the world.

# **Professional Positions**

International member of American Association of Orthodontists

Member of World Federation of Orthodontists

President, Korean Cleft Lip and Palate Association (2021 - present)

Editor-in-Chief, Journal of Korean Dental Science (2014 - present)

Vice president, Korean Association of Lingual Orthodontists (2022-present)

Vice president, Korean Medical 3D Printing Association (2021-present)

Vice president, Korean Officials Dental Association (2020 - present)

International committee, Korean Association of Orthodontists (2022 - present)

Congress president, the 12<sup>th</sup> World Implant Orthodontic Conference (2021)

Advisory committee member of World Implant Orthodontics Association (2008-present)

# III. Honors and awards

2022	Award for excellent faculty (clinical field)
	Yonsei University Dental Hospital
	Award for excellent faculty (class lecture)
	Yonsei University College of Dentistry
2021	Minister's citation award
	Ministry of health and welfare, Government of the republic of Korea
2019	Award for contribution to international education
	Yonsei University College of Dentistry
2018	Award for excellent faculty (clinical field)
	Yonsei University Dental Hospital
2016	Asian-Pacific Orthodontic Society Award:
	Fu Minkui APOS Trends Award for best clinical article (2013-14)
	10 <sup>th</sup> Asian-Pacific Orthodontic Conference
2014	Award for excellent faculty (clinical field)
	Yonsei University Dental Hospital
2012	Excellent exhibition award
	'Strategic treatment of familial cleidocranial dysplasia'
	71st Annual Meeting of Japanese Orthodontic Society
2010	Award for excellent faculty (clinical field)
	Yonsei University Dental Hospital
2008	Excellent poster presentation award
	'Three-dimensional finite element analysis on the distalization pattern of maxillary
	dentition using miniscrews'
	41st Annual Meeting of Korean Association of Orthodontists
2007	Award for excellent faculty (clinical field)
	Yonsei University Dental Hospital
2007	Excellent poster presentation award
	'Three-dimensional measurement of the bone to miniscrew implant contact using a micro
	CT scanning' etc.
	40th Annual Meeting of Korean Association of Orthodontists

2006	Excellent poster presentation award
	'Treatment Effects of the Miniscrew-aided Rapid Palatal Expansion in Young Adults:
	Randomized Prospective Clinical Trial'
	39th Annual Meeting of Korean Association of Orthodontists
	Excellent exhibition award
	'Effects of FGF2/9 on the Development of the Cranial Base Synchondrosis'
	65th Annual Meeting of Japanese Orthodontic Society
2005	Young researcher's award
	'A Comparison of the Interdental Distance in Panoramic Radiography and Computed
	Tomography for Orthodontic Miniscrew Implant Application'
	Excellent table clinic award
	'Miniscrew-aided Rapid Palatal Expansion in the Young Adults'
	38th Annual Meeting of Korean Association of Orthodontists
2004	2nd prize (Oral presentation)
	'Semi-orthopedic Correction Using Dual Miniscrew'
	3 <sup>rd</sup> Asian Implant Orthodontics Conference & 17 <sup>th</sup> Annual Meeting of Taiwan
	Association of Orthodontists
2004	Awarded for the excellence of PhD thesis
	'FGF9 Repression of Msx2 Gene Expression Enhances Transcriptional Activity of
	Osteocalcin Gene'
	Graduate School, Yonsei University
2003	Excellent poster presentation award
	'Introduction of Transgenic Mouse Model for Analysis of FGFR2 Function in the
	Craniosynostosis'
	36th Annual Meeting of Korean Association of Orthodontists
1999, 2000	Official commendation from Chief of the General Staff of the Army
1998	Official Award from Minister of National Defense (1st prize at the inaugural
	ceremony)

# IV. Academic activities - Publications

# **Books / Book chapters**

<u>Kee-Joon Lee</u>, New Horizon in Orthodontics-Transverse Occlusion. 2021. MyungMun Publishing Co. (Korean, sole author)

<u>Kee-Joon Lee,</u> The Application of TADs for Gummy Smile Correction. In: Jae-Hyun Park, Temporary Anchorage Devices in Clinical Orthodontics. Wiley, 2020 (English)

<u>Kee-Joon Lee</u>, Young-Chel Park. The Role of Research in Orthodontic Specialty Education. In: Eliades T, Athanaciou AE, Orthodontic Postgraduate Education: A Global Perspective. Thieme Publishers, 2015 (English)

<u>Kee-Joon Lee</u>, Young-Chel Park. The Biomechanics of Miniscrews-From Single Tooth Control to Whole Arch Movement. In; KC Choy, CJ Burstone, The Biomechanical Foundation of Clinical Orthodontics, Quintessence, 2015 (English)

<u>Kee-Joon Lee</u>, Young-Chel Park. Application of TADs in Lingual Orthodontics: A Modified Segmented Arch Approach / Pre-orthodontic Orthognathic Surgery (POGS) using TADs-Evidences and Applications. In; Ki-Beom Kim, Temporary Skeletal Anchorage Devices, A Guide to Design and Evidence-Based Solution. Springer. 2014 (English)

<u>Kee-Joon Lee</u>. Goal-oriented Treatment Planning/Vertical and Transverse Correction in Lingual Orthodotnics/Up-to-date Lingual Appliances and Lingual Self-ligating Brackets. In: Contemporary Lingual Orthodontics, DaehanNarae Publishing Inc. Seoul 2014:21-38, 183-200, 397-412 (Korean)

<u>Kee-Joon Lee</u>, Young-Chel Park. Lingual Orthodontics and the use of Miniscrew Implants for the Mangement of Class II malocclusion in Adults. In; Papadopoulos MA, Skeletal Anchorage in Orthodontic Treatment of Class II Malocclusion. Mosby Elsevier. St Louis, Missouri, 2014; 211-218 (English)

Young-Chel Park, <u>Kee-Joon Lee</u>. Miniscrew Application for Strategic Nonextraction Treatment (Temporary Anchorage Device). In; Greenfield RL, Non Ex Factors. DaehanNarae Publishing Inc. Seoul, 2010; 449-472 (English)

Young-Chel Park, <u>Kee-Joon Lee</u>. Biomechanical Principles in Miniscrew-Driven Orthodontics. In; Ravindra Nanda, Temporary Anchorage Devices in Orthodontics. Mosby Elsevier. St Louis, Missouri, 2009; 93-144 (English)

<u>Kee-Joon Lee</u>. Treatment of Facial Asymmetry using BTX-A. In; Seong-Taek Kim. Clinical Atlas of Filler and Botulinum Toxin Type-A. Shin-Hung International Inc. Seoul, Korea. 1<sup>st</sup> ed. 2007;101-123 (Korean)

Byung-Wha Sohn, Chung-Ju Hwang, Kyung-Ho Kim, <u>Kee-Joon Lee</u>. Theory and Practice of Craniofacial Growth and Development. DaehanNarae Publishing Inc. Seoul, Korea. 1st ed. 2007 (Korean)

Chung-Ju Hwang, Byung-Wha Sohn, Young-Chel Park, Hyoung-Seon Baik, Kyung-Ho Kim, Kwang-Chul Choy, Hyung-Seog Yu, <u>Kee-Joon Lee</u>, Choo-Ryung Jung. Clinical Orthodontic Manual. DaehanNarae Publishing Inc. Seoul, Korea. 1<sup>st</sup> ed. 2006 (Korean)

#### **Publications**

Song-Hyun Lee, Mei Ling Fang, Yoon Jeong Choi, Hyung-Seog Yu, Jee Hwan Kim, Kyung-Seok Hu, <u>Kee-Joon Lee</u>. Changes in masticatory performance during the retention period following 4-premolar extraction and non-extraction orthodontic treatment. Clin Oral Investig 2022 Dec 20. doi:10.1007/s00784-022-04817-y.

Harim Kim, Joo-Hee Chun, Ung Ki Cho, <u>Kee-Joon Lee</u>. Treatment of Cleidocranial Dysplasia Patient with Multiple Supernumerary and Impacted Teeth using Bone-borne Anchorage and Intermaxillary Traction. Korean J Cleft Lip Palate 2022;25(1):1-10

Harim Kim, Byeong-Tak Keum, Hui-Joo Seo, Changbum Park, Joo-Hee Chun, <u>Kee-Joon Lee</u>. Rationale of total arch intrusion for gummy smile correction. Seminars in Orthodontics 2022:28;3; 149-156

Seung-Hyun Kang, Jae-Sung Kwon, Chooryung Judi Chung, Jung-Yul Cha, <u>Kee-Joon Lee</u>. Accuracy and stability of computer-aided customized lingual fixed retainer: a pilot study. Progress in Orthodontics. 2022: 23-39

Hai-Van Giap, Ji Yoon Jeon, Kee Deog Kim, <u>Kee-Joon Lee</u>. Conservative orthodontic treatment for severe pathologic migration following total glossectomy: A case report. Korean J Orthod 2022;52(4):298-307

Joo-Hee Chun, Amanda Cunha Regal de Castro, Sunmee Oh, Kyung-Ho Kim, Sung-Hwan Choi, Lincoln Issamu Nojima, Matilde da Cunha Gonçalves Nojima, <u>Kee-Joon Lee.</u> Skeletal and alveolar changes in conventional rapid palatal expansion (RPE) and miniscrew-assisted RPE (MARPE): a prospective randomized clinical trial using low-dose CBCT. BMC Oral Health 2022:Apr 8;22(1):114. doi: 10.1186/s12903-022-02138-w.

Ji Yoon Jeon, Sung-Hwan Choi, Chooryung Judi Chung, <u>Kee-Joon Lee.</u> The Success and Effectiveness of Miniscrew-assisted Rapid Palatal Expansion Are Age- And Sex- Dependent. Clinical Oral

Wonkyeong Baik, Sung-Hwan Choi, Jung-Yul Cha, Hyung-Seog Yu, <u>Kee-Joon Lee.</u> Comparison of Soft Tissue Changes Between Incisor Tipping and Translation After Premolar Extraction. Korean J Orthod 2022;52(1):42-52

Ji Yoon Jeon, Geung-Ji Lee, Jae-Hun Yu, <u>Kee-Joon Lee.</u> Evaluating Treatment Results in Extraction and Non-extraction Lingual Orthodontic Treatment by Comparing the Pre-treatment, Set-up, and Post-treatment Digital Models. Kor J Lingual Orthod 2021;10(1):1-9

Sung-Seo Mo, Jin-Wook Kim, Hyoung-Seon Baik, Hai-Van Giap, <u>Kee-Joon Lee.</u> Age-related Osteogenesis on Lateral Force Application to Rat Incisor – Part III: Periodontal and Periosteal Bone Remodeling. APOS Trends Orthod 2021; 11:256-65.

Jin-Wook Kim, Hyoung-Seon Baik, Sung-Seo Mo, Hai-Van Giap, <u>Kee-Joon Lee.</u> Age-related Osteogenesis on Lateral Force Application to Rat Incisor – Part II: Bony Recession and Cortical Remodeling. APOS Trends Orthod 2021; 11:174-82.

Songhyun Lee, Jung Hee Jeon, <u>Kee-Joon Lee.</u> In-depth Analysis of Marketization trend of Dental Health Care System in North Korea. Kor J Dent Assoc 2021; 59(6):320-333

<u>Kee-Joon Lee</u>, Yoon Jeong Choi. Maxillary expansion for treatment of obstructive sleep apnea Kor J Dent Assoc 2021;59(8);448-455

Gui-Yue Huang, Sung-Hwan Choi, Hwi-Dong Jung, Hyun Sil Kim, Chung-Ju Hwang, <u>Kee-Joon Lee.</u>
Tissue-specific Biomarkers in Gingival Crevicular Fluid Are Correlated with External Root Resorption
Caused by Constant Mechanical Load: an in Vivo Study. Clinical Oral Investigations 2021; 25:6321–6333

Sun-Hyung Park, Yun-Jin Koo, Byeong-Tak Keum, Joo-Hee Chun, <u>Kee-Joon Lee</u>. Early Replacement of Ankylosed First Molar via Mesial Root Movement Facilitates Bone Formation and Normal Eruption of the Third Molar. Angle Orthod 2021;91;843–855.

Yoon Jeong Choi, <u>Kee-Joon Lee</u>. Possibilities of Artificial Intelligence Use in Orthodontic Diagnosis and Treatment Planning: Image Recognition and Three Dimensional VTO. Semin Orthod 2021; 27(2);121-129

Harim Kim, Sun-Hyung Park, Jae Hyun Park, <u>Kee-Joon Lee</u>. Nonsurgical Maxillary Expansion in a 60-year-old patient with Gingival Recession and Crowding. Korean J Orthod 2021; 51(3):217-227

Sung-Hwan Choi, Ji Yoon Jeon, <u>Kee-Joon Lee</u>, Chung-Ju Hwang. Clinical Applications of Miniscrews That Broaden the Scope of Non-surgical Orthodontic Treatment. Orthod Craniofac Res 2021;24: supple1: 48-58

Ji Yoon Jeon, Eui-Hyang Sung, Tae-Hyun Choi, <u>Kee-Joon Lee</u>. Nonsurgical maxillary expansion followed by long term transverse maintenance with archwire in an adult patient with unilateral cleft lip and palate: A case report. Korean J Cleft Lip Palate 2020; 23(2):82-90

Ung Ki Cho, Hui-Joo Seo, Byeong-Tak Keum, <u>Kee-Joon Lee</u>. Bimaxillary Total Arch Intrusion in Lingual Orthodontics for Hyperdivergent Class II Face with Asymmetry and Lip Protrusion. Korean J Lingual Orthod 2020; 9(1):6-13

Ju-Hyun Yoon, Jung-Yul Cha, Yoon Jeong Choi, Won-Se Park, Sang-Sun Han, <u>Kee-Joon Lee</u>. Simulation of miniscrew-root Distance Available for Molar Distalization Depending on the Miniscrew Insertion Angle and Vertical Facial Type. PLoS ONE 2020; 15(9): e0239759

Choon-Soo Park, Hyung-Seog Yu, Jung-Yul Cha, Sung-Seo Mo, <u>Kee-Joon Lee</u>. Effect of Archwire Stiffness and Friction on Maxillary Posterior segment displacement during anterior segment retraction: A three-dimensional finite element analysis. Korean J Orthod 2019; 49(6):393-403

Chengri Li, Chooryung J. Chung, Chung-Ju Hwang, <u>Kee-Joon Lee</u>. Local Injection of RANKL Facilitates Tooth Movement and Alveolar Bone Remodeling. Oral Diseases 2019; 25:550-560

Moon-Bee Oh, Sung-Seo Mo, Chung-Ju Hwang, Chooryung Chung, Ju-Man Kang, <u>Kee-Joon Lee</u>. The 3-Dimensional Zone of the Center of Resistance of the Mandibular Posterior Teeth Segment. Am J Orthod Dentofacial Orthop 2019; 156:365-74

<u>Kee-Joon Lee.</u> Integration of Craniofacial Biology to Find Creative Solutions in Clinical Cases: Is the 'Biology' Ready for Translation? editorial in: J Kor Dent Sci 2019; 12(1):1-4

Tae-Min Yoon, Sun-Hyung Park, Mi-Jeong Kwon, <u>Kee-Joon Lee</u>. Immunohistochemical Study on the Postnatal Growth Changes of the Spheno-occipital Synchondrosis and Tibial Cartilage. APOS Trends in Orthodontics 2019; 9:149-155

<u>Kee-Joon Lee</u>, Sung-Jin Kim. Advanced Biomechanics for Total Arch Movement and Non-surgical Treatment for Hyperdivergent Faces. Semin Orthod 2018; 24:83–94.

<u>Kee-Joon Lee</u>, Sung-Hwan Choi, Tae-Hyun Choi, Kyung-Keun Shi, Byeong-Tak Keum. Maxillary Transverse Expansion in Adults: Rationale, Appliance Design and Treatment Outcomes. Semin Orthod 2018; 24:52–65.

Euk Joo, Sun Mi Kwon, Hyung-Seog Yu, <u>Kee-Joon Lee.</u> Assessment of the Interradicular Space in Panoramic Radiograph in Comparison to Computed Tomography. Kor J Lingual Orthod 2018; 7:1-8

Eui-Hyang Seong, Hee-Jin Kim, Hyung-Seog Yu, Young-Chel Park, <u>Kee-Joon Lee.</u> Finite Element Analysis on the Effect of the Incorporation of Miniscrews in Palatal Expanders. Korean J Orthod 2018; 48(2):81-89

Byeong-Tak Keum, Sung-Hwan Choi, Yoon Jeong Choi, Hyoung-Seon Baik, <u>Kee-Joon Lee</u>. Effects of Bodily Retraction of Mandibular Incisors Vs Mandibular Setback Surgery on Pharyngeal Airway Space: A Comparative Study. Korean J Orthod 2017; 47(6):344-352

Kee-Joon Lee: An Interview with Kee-Joon Lee. Dental Press J Orthod. 2017; 22(4):28-33

Amanda Carneiro da Cunha, Hisun Lee, Lincoln Issamu Nojima, Matilde da Cunha Goncalves Nojima, <u>Kee-Joon Lee</u>. Miniscrew-assisted Rapid Palatal Expansion for Managing Arch Perimeter in an Adult Patient Dental Press J Orthod. 2017; 22(3):97-108

Yun-Jin Koo, Sung-Hwan Choi, Byeong-Tak Keum, Hyung-Seog Yu, Chung-Ju Hwang, Birte Melsen, Kee-Joon Lee. Maxillomandibular Arch Width Differences at Estimated Centers of Resistance: Comparison Between Normal Occlusion and Skeletal Class III Malocclusion. Korean J Orthod 2017; 47:167-175

Chang-Su Kim, Jin-Hee Kim, Bokyoung Kim, Young-Seok Park, Hong-Kyun Kim, Hieu Trung Tran, Sang Hoon Kim, Hojeong Jeon, Sangjib Kim, Ji Hyun Sim, Hyun Mu Shin, Gwanghun Kim, Young Joo Baik, <u>Kee-Joon Lee</u>, Hae-Young Kim, Tae Jin Yun, Youn Sang Kim, and Hang-Rae Kim. A Specific Groove Pattern Can Effectively Induce Osteoblast Differentiation. Adv Funct Mater. 2017; 27:1703569

Sung-Hwan Choi, Ho Jin Yoo, Jang-Yeol Lee, Young-Soo Jung, Jong-Woo Choi, Kee-Joon Lee.

Stability of Pre-orthodontic Orthognathic Surgery Depending on Mandibular Surgical Techniques: SSRO vs IVRO. J Cranio-maxillo-fac Surg 2016; 44(9):1209-15

Ming-Xu Jin, Min-Ho Hong, <u>Kee-Joon Lee</u>, Kyu-Bok Lee. Does the Maxillary Anterior Ratio in Korean Adults Follow the Golden Proportion? J Adv Prosthodont 2016; 8:125-30

Sung-Hwan Choi, Kyung-Keun Shi, Jung-Yul Cha, Young-Chel Park, <u>Kee-Joon Lee</u>. Nonsurgical Miniscrew-assisted Rapid Maxillary Expansion Results in Acceptable Stability in Young Adults. Angle Orthod 2016; 86:713-20

Sung-Hwan Choi, Chung-Ju Hwang, Hyoung-Seon Baik, Young-Soo Jung, <u>Kee-Joon Lee</u>. Stability of Pre-orthodontic Orthognathic Surgery Using Intraoral Vertical Ramus Osteotomy Versus Conventional Treatment. J Oral Maxillofac Surg 2016; 74:610-19

Sung-Jin Kim, Eui-Hyang Sung, Jin-Wook Kim, Hyoung-Seon Baik, <u>Kee-Joon Lee</u>. Mandibular Molar Protraction as an Alternative Treatment for Edentulous Spaces. J Amer Dent Assoc 2015; 140:820-829

Min-Kyung Kye, Young-Yuhn Choi, <u>Kee-Joon Lee</u>, The Correlation Between Temporomandibular Joint Symptoms and Magnetic Resonance Imaging Findings in German Patients. J Kor Dent Sci 2015; 8:16-27

Sung-Jin Kim, Jin-Wook Kim, Tae-Hyun Choi, <u>Kee-Joon Lee</u>. Restoration of a Vertical Alveolar Bone Defect by Orthodontics Relocation of Mesially Impacted Mandibular First Molar. Am J Orthod Dentofac Orthop 2015; 147: S122-32

Eui-Hyang Sung, Sung-Jin Kim, Youn-Sic Chun, Young-Chel Park, Hyung-Seog Yu, <u>Kee-Joon Lee</u> Distalization Pattern of Whole Maxillary Dentition According to Force Application Points (FEM). Kor J Orthod 2015; 45:20-28

Sung-Jin Kim, <u>Kee-Joon Lee</u>, Hyung-Seog Yu, Young-Soo jung, Hyoung-Seon Baik. Three-dimensional Effect of Pitch, Roll and Yaw Rotations on Maxillomandibular Complex Movement. J Cranio-maxillofacial Surg 2015; 43:264-273

YJ Choi, HK Kim, <u>KJ Lee</u>, CJ Chung, YC Park. Histomorphometric Evaluation of Maxillary Molar Roots and Surrounding Periodontium Following Molar Intrusion in Rats. Orthod Craniofac Res 2015; 18:12-20

TH Choi, BI Kim, CJ Chung, HJ Kim, HS Baik, YC Park, KJ Lee. Assessment of Masticatory Function in

Patients with Non-sagittal Occlusal Discrepancies. J Oral Rahabilitation 2015; 42:2-9

Yon-Jin Koo, Kyung-Keun Shi, Hyung-Seog Yu, <u>Kee-Joon Lee</u>. Orthodontic Repositioning of Subapically Transposed Tooth in a CLP Patient. Kor J Cleft Lip Palate Assoc 2014; 17:27-37

Ji-Sung Jang, Yun-Jin Koo, Byeong-Tak Keum, Young-Chel Park, Kee-Joon Lee. Effects of Mechanical Properties of Lingual Lever Arm on the Displacement Pattern of Anterior Segment: A Finite Element Analysis. Kor J Lingual Orthod 2014; 3:1-12

HS Baik, J Park, <u>KJ Lee</u>, C Chung. Local Application of Periodontal Ligament Stromal Cells Promotes Soft Tissue Regeneration. Oral Diseases 2014; 20:574-581

Ji-Sung Jang, Byeong-Tak Keum, Hui-Joo Seo, <u>Kee-Joon Lee</u>. Orthodontic Camouflage via Total Arch Movement in Class II with Idiopathic Condylar Resorption. APOS Trends in Orthod 2014;4:185-90

Chang-Su Kim, <u>Kee-Joon Lee</u>, Jung-Eun Kim, Yun-Gyu Park, Jae-Jun Ryu, Hang-Rae Kim. Proteomic Analysis of the Biological Response of MG63 Osteobalst-like Cells to Titanuim Implants. Odontology 2014; 102(2):241-8

Sung-Jin Kim, Tae-Hyun Choi, Hyoung-Seon Baik, Young-Chel Park, <u>Kee-Joon Lee</u>. Mandibular Posterior Anatomic Limit for Molar Distalization. Am J Orthod Dentofac Orthod 2014; 146;190-197

Kyung-Keun Shi, Ji-Young Kim, Tae-Hyun Choi, <u>Kee-Joon Lee</u>. Timely Relocation of Subapically Impacted Maxillary Canines and Replacement of Ankylosed Manidbular Molar re the Keys to Eruption Disturbances in a Prepubertal Patient. Am J Orthod Dentofac Orthop 2014; 145:228-37

TE Bechtold, <u>KJ Lee</u>, YC Park, M Berneburg, GR Goz. A Simultaneous Mobilization of Four Impacted Upper Incisors in a Case of an Adolescent Patient with Cleidocranial Dysplasia (CCD) Dentistry, 2014; 4:210-217

Sung-Jin Kim, Jin-Wook Kim, Tae-Hyun Choi, <u>Kee-Joon Lee</u>. Combined Use of Miniscrews and Continuous Arch for Intrusive Root Movement of Incisors in Class II Division 2 With Gummy Smile. Angle Orthod 2014; 84:910-918

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Chang-Su Kim, <u>Kee-Joon Lee</u>, Jung-Eun Kim, Yun-Gyu Park, Jae-Jun Ryu, Hang-Rae Kim. Proteomic analysis of the biological response of MG63 osteoblast-like cells to titanium implants. Odontology 2014; 102(2):241-8

Yun-Jin Koo, Tae-Hyun Choi, Ji-Sung Jang, <u>Kee-Joon Lee</u>. Change of Arch Dimension Using Two Different Expansion Modalities in Adults-MARPE and Continuous Archwire: a Pilot Study. J Kor Dent Assoc 2013; 51:242-248

Na-Yeon Kim, Hyung-Seog Yu, Sang0Hwy Lee, <u>Kee-Joon Lee</u>. Transverse Measurements and Their Correlations in the Posteroanterior Cephalometry and 3-dimensional Computed Tomography. Kor J Lingual Orthod 2012:1;1-9

Tae-Hyun Choi, Kyung-Keun Shi, Young-Chel Park, <u>Kee-Joon Lee</u>. Effective Tooth Movement using Lingual Segmented Arch Mechanics Combined with Miniscrews. J Japan Ling Ortho Assoc 2012:23;54-64

Kwang-Seok Ahn, Hyoung-Seon Baik, Kyung-Ho Kim, Baek-Il Kim, <u>Kee-Joon Lee.</u> Subclassification of Skeletal Class II Malocclusion of Korean Adults Using Cluster Analysis. J Kor Cleft Lip and Palate Assoc 2011:14(1);1-18

Hyun-Kyung Park, Eui-Hyang Sung, Young-Soo Cho, Sung-Seo Mo, Youn-Sic Chun, <u>Kee-Joon Lee</u>. 3-D FEA on the Intrusion of Mandibular Anterior Segment Using Orthodontic Miniscrews. Korean J Orthod 2011; 41(6):384-98

Kyeong-Hee Kim, <u>Kee-Joon Lee</u>, Jung-Yul Cha, Young-Chel Park. Finite Element Analysis of Efectiveness of Lever Arm in Lingual Sliding Mechanics. Korean J Orthod 2011; 41(5):324-336

Eon-Hwa Lee, Hyung-Seog Yu, <u>Kee-Joon Lee</u>, Young-Chel Park. Three Dimensional Finite Element Analysis of Continuous and Segmented Arches with Use of Orthodontic Miniscrews. Korean J Orthod 2011; 41(4):237-254

Kug-Ho Yu, <u>Kee-Joon Lee</u>, Sang-Hwy Lee, Hyoung-Seon Baik et al. Analysis of Mandibular Morphology in Patients with Facial Asymmetry and Mandibular Prognathism Using 3D CT. Am J Orthod Dentofac Orthop 2010;138: e1-8: discussion 540-1

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<u>Kee-Joon Lee</u>, Young-Chel Park, Chung-Ju Hwang, Young-Jae Kim, Tae-Hyun Choi, Hyun-Mi Yoo, Seung-Hyun Kyung. Displacement Pattern of Maxillary Arch Depending on the Miniscrew Position in the Sliding Mechanics. Am J Orthod Dentofac Orthop 2011; 140:224-32

Man-Suk Baek, Yoon-Jeong Choi, Hyung-Seog Yu, <u>Kee-Joon Lee</u>, Jinny Kwak, Young-Chel Park. Long-term Stability of Anterior Open-bite Treatment by Intrusion of Maxillary Posterior Teeth. Am J Orthod Dentofacial Orthop. 2010; 138(4):396.e1-9; discussion 396-8

<u>Kee-Joon Lee</u>, Young-Chel Park, Joo-Young Park, Woo-Sang Hwang. Miniscrew-assisted Non-surgical Palatal Expansion Prior to Orthognathic Surgery in a Severe Mandibular Prognathism. Am J Orthod Dentofac Orthop 2010; 137:830-9

Kee-Joon Lee. A Regime for the Facilitation of Predoctoral Student Clinic. Kor J Dent Edu 2010; 3:5-13

Young-Jae Kim, Byong-Wha Sohn, <u>Kee-Joon Lee</u>. Reproducibility and Reliability of Head Posture Obtained by the Outer Canthus Indicator. Korean J Orthod 2010; 40(02):77-86

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#### V. Invited lectures and Presentations

#### 2022. 12. 13. Yonsei Orthodontic Alumni Meeting, Seoul, Korea

Kee-Joon Lee. Root elongation via orthodontic treatment-biologic reasoning and clinical evidences (invited lecture)

#### 2022. 12. 11. Osteonic Invitation Course, Seoul, Korea

Kee-Joon Lee. Self-activation MARPE-hands-on master course (half day invited lecture)

#### 2022. 12. 5. The 3rd Taiwan International Orthodontic Forum, Taipei, Taiwan

Kee-Joon Lee. Overcoming fatalism of growth and induced jawbone modeling via early phase II treatment (Invited lecture)

# 2022. 12. 2. Hong Kong International Dental Expo and Symposium, Hong Kong (Hybrid)

Kee-Joon Lee. Orthodontics as a replacement therapy for dental implants and contemporary biomechanics (Invited lecture)

#### 2022. 11. 19. Korean Association of Orthodontists D-S-C Division, Daejeon, Korea

Kee-Joon Lee. Paradoxical orthodontic treatment based on biologic evidence (Invited lecture)

#### 2022. 11. 11. Centre for Orthodontic Research and Education, India (Webinar)

Kee-Joon Lee. Centre of resistance-based orthodontic treatment (Invited lecture)

#### 2022. 11. 6. Korean Academy of Geriatric Dentistry Annual Meeting, Seoul, Korea

Kee-Joon Lee. Anti-aging orthodontics for adults: where's the limit? (Invited lecture)

#### 2022. 9. 30. Taiwanese Orthodontic Society Annual Meeting, Taipei (Hybrid)

Kee-Joon Lee, Major root movement for non-prosthetic occlusion: blue ocean in orthodontics (one-day invited lecture) / Precision orthodontics for periodontally compromised patients-why and how

#### 2022. 9. 22. Brazilian Assoiation of Orthodontists Annual Meeting, Sao Paulo, Brazil

Kee-Joon Lee. Myths and truths in adult orthopedic treatment / Semi-early phase II treatment in children with hyperdivegent face – total arch movement and symphyseal remodeling (Invited lecture)

#### 2022. 9. 18. 2022Osstem Orthodontics Meeting, Seoul, Korea

Kee-Joon Lee. 4-dimensional total arch control based on soft tissue paradigm in growing children (Invited lecture)

#### 2022. 9. 18. GAMEX Annual Meeting, Seoul, Korea

Kee-Joon Lee. Perio-orthodontic treatment in adult-basic keywords and clinical application (Invited lecture)

# 2022. 8. 17. Vietnam International Dental Exhibition & Congress, Hanoi, Vietnam

Kee-Joon Lee. Total arch intrusion for hyperdivergent Class II face: an alternative to conventional orthopedics

(Invited lecture)

#### 2022. 5. 21. American Association of Orthodontists Annual Session, Miami, USA

Kee-Joon Lee. Facts about maxillary expansion in adults: fracture or remodeling? (Invited lecture)

#### 2022. 5. 13. Korean Society of Orthodontists, Seoul, Korea

Kee-Joon Lee. Biological paradox of orthodontic tooth movement (Invited lecture)

#### 2022. 5. 1. OsstemHubit Orthodontics Conference, Seoul, Korea

Kee-Joon Lee. Contemporary biomechanics for tooth-saving minimal orthodontics from 20s to 60s (Invited lecture)

#### 2022. 4. 24. Korean Adult Orthodontic Research Institute Symposium, Seoul, Korea

Kee-Joon Lee. Nonsurgical orthodontic treatment via transverse expansion-why and how (Invited lecture)

#### 2022. 4. 9. Asian Lingual Orthodontic Meeting, Seoul, Korea

Kee-Joon Lee. Root movement in lingual orthodontics-rationale and impact on facial esthetics (Invited lecture)

# 2022. 3. 13. Korean Academy of Oral and Maxillofacial Implantology Aunual Conference, Seoul,

#### <u>Korea</u>

Kee-Joon Lee. Tooth-saving orthodontics: possibilities and limitations (Invited lecture)

#### 2022. 3. 11. Australian Association of Orthodontists Annual Conference (webinar)

Kee-Joon Lee. Total arch intrusion for hyperdivergent Class II face: an alternative to conventional orthopedics

(Invited lecture)

#### 2022. 2. 12. Korean Association of Orthodontists G-J Division, Gwang-ju, Korea

Kee-Joon Lee. Root movement-why, why and how? (Invited lecture)

#### 2021. 12. 19. Korean Association of Two-jaw Orthognathic Surgery, Seoul, Korea

Kee-Joon Lee. Understanding on the facial expression muscles and application of Btx for smile design (invited lecture)

#### 2021. 12. 18. Korean Cleft Lip and Palate Association Seminar (online)

Kee-Joon Lee. Special considerations for prosthetic treatment in cleft patients (invited lecture)

#### 2021. 12. 12. Osstem Orthodontics Special Lecture, Seoul, Korea

Kee-Joon Lee. Face-driven orthodontics (1-day invited lecture)

#### 2021. 12. 5. Yonsei Alumni Meeting (webinar)

Kee-Joon Lee. Critical tips for anterior MTM in adult (invited lecture)

#### 2021. 10. 25. KNU Orthodontic Alumni Meeting (webinar)

Kee-Joon Lee. Tooth-saving Orthodontics: Rationale, Biology and Biomechanics (invited lecture)

# 2021. 10. 14. The 12<sup>th</sup> World Implant Orthodontic Conference (54<sup>th</sup> KAO Annual Congress), Seoul, Korea

Kee-Joon Lee. Creative non-surgical bone augmentation in the treatment of ankylosis and deep impaction (invited lecture)

#### 2021. 8. 30. Korean Society of Digital Orthodontics Special Lecture (webinar)

Kee-Joon Lee. Systematic all-in-one planning and treatment using digital VTO and IDB (invited lecture)

#### 2021. 8. 2. The 12th National Congress of the Association of Philippines Orthodontists (online)

Kee-Joon Lee. Integrated Biology and 3-D Mechanics for Non-Eruption/Impacted Teeth (invited lecture)

#### 2021. 6. 24. The 28th Annual Meeting of Japan Association of Adult Orthodontics (webinar)

Kee-Joon Lee. The MARPE – facts and fallacies (invited lecture)

#### 2021. 4. 25. Korean Research Society of Adult Orthodontics Annual Symposium (webinar)

Kee-Joon Lee. Effective Application of Light Force in Lingual Orthodontics (invited lecture)

#### 2021. 4. 18. Shine Dental Conference (webinar)

Kee-Joon Lee. Standards of orthodontic treatment (1-day invited lecture)

#### 2021. 4. 9. Korean Society of Orthodontists Lecture (webinar)

Kee-Joon Lee. Adult orthopedics is not a function of force magnitude: nderstanding the suture and latest trends (invited lecture)

#### 2021. 3. 15. The 17th Turkish Orthodontic Society International Virtual Congress (webinar)

Kee-Joon Lee. Biomechanics for root movement and occlusal reconstruction - theory and reality (invited

lecture)

# 2020. 11. 30 Taiwanese Association of Orthodontists Annual Conference (webinar)

Kee-Joon Lee. Root movement-essence of orthodontics to save tooth, renew bone and enhance life quality (invited lecture)

# 2020. 11. 28-30. The 24th Annual Congress of Korean Cleft Lip and Palate Association (webinar)

Kee-Joon Lee. Extraction strategies in cleft patients for nonsurgical treatment (invited lecture)

#### 2020. 11. 4. The 53<sup>rd</sup> Annual Congress of Korean Association of Orthodontists (webinar)

Kee-Joon Lee. Statics and dynamics of protrusion: quest for total arch movement (invited lecture)

# 2020. 10. 22-11. 13. Yonsei University Continuing Education Center (webinar)

Kee-Joon Lee. Daily Lessons-Inverse Concept Minor Tooth Movement (online seminar)

#### 2020. 10. 18. Hubit Orthodontic Conference, Seoul, Korea (webinar)

Kee-Joon Lee. Hypedivergent face: main issues and troubleshooting (invited lecture)

# 2020. 10. 4. The 9th International Orthodontic Congress (on/offline), Yokohama, Japan

Kee-Joon Lee. Is age a limiting factor in adult orthopedics for Class III and asymmetry? Quest for suture biology (invited lecture)

# 2020. 9. 24. French Orthodontic Society Meeting (webinar)

Kee-Joon Lee. New paradigm for nonsurgical treatment of hyperdivergent faces: total arch intrusion and the symphyseal remodeling (invited lecture)

# 2020. 8. 10. Universidade de Sao Paulo Special Lecture (webinar)

Kee-Joon Lee. MARPE: Dx and Tx of transverse problems (invited lecture)

### 2020. 5. 29. Association of Orthodontists (Singapore) CDE Session (webinar)

Kee-Joon Lee. Adult transverse orthopaedics using MARPE: the origin, myths and truths (invited lecture)

#### 2020. 5. 27. University of Southern California Special Lecture (webinar)

Kee-Joon Lee, Adult transverse orthopedics using MARPE: the origin, myths and truths (invited lecture)

# 2020. 5. 26-29. Montefiore Hospital Special Lecture (webinar)

Kee-Joon Lee. Advanced biomechanics for compliance-free treatment (invited lecture)

#### 2020. 4. 24. Oman Dental College Special Lecture (webinar)

Kee-Joon Lee. Single tooth biomechanics (invited lecture)

#### 2020. 2. 20-21. The 14th Annual Conference of Saudi Orthodontic Society, Ad Diriyah, Saudi Arabia

Kee-Joon Lee. Total arch intrusion for hyperdivergent Class II face: an alternative to conventional orthopedics (invited lecture) / Up-to-date compliance-free orthodontics using buccal miniscrews (half-day post congress course)

#### 2020. 1. 17-18. Oman Dental College Special Lecture, Muscat, Oman

Kee-Joon Lee. Non-surgical treatment for facial and occlusal restructuring (2-days invited lecture)

#### 2019. 12. 28-29. Gusu Association of Suzhou Dental Doctor Annual Orthodontic Conference,

### Suzhou, China

Kee-Joon Lee. Advanced Biomechanics for Minimalism Orthodontics & Troubleshooting in Complex

Cases using Miniscrews (2-days invited lecture)

#### 2019. 12. 7. Taiwanese Association of Orthodontists Annucal Meeting, Taichung, Tapei

Kee-Joon Lee. New paradigm for nonsurgical treatment of hyperdivergent faces: total arch intrusion and the symphyseal remodeling (invited lecture)

# 2019. 12. 1. The 82<sup>nd</sup> Korean Association of Prosthodontists Annual Congress, Seoul, Korea

Kee-Joon Lee. To save or not: orthodontic alternatives for perio-occlusal complications in lower anterior teeth (invited lecture)

#### 2019. 11. 21-22. The 54 th Indian Orthodontic Conference, Bhubaneswar, India

Kee-Joon Lee. Minimalism Orthodontics for major 'root movement': How to save natural teeth & minimize prosthesis (1-day precongress course) / A new paradigm in nonsurgical treatment of Class III & asymmetry: MARPE and the 'moonwalk' tooth movement (invited lecture)

#### 2019. 11. 3. Korean Society of Digital Orthodontists Symposium, Seoul, Korea

Kee-Joon Lee. Maximizing treatment efficiency with digital technology- from diagnosis to retention (invited lecture)

# 2019. 10. 23. The 11th World Implant Orthodontic Conference, Bucharest, Romania

Kee-Joon Lee. Facts about maxillary expansion in adults: fracture or remodeling? (invited lecture)

#### 2019. 10.21. OrthodonticLine Pro-days Conference, Bangkok, Thailand

Kee-Joon Lee. Non-surgical orthodontics & changing face – mastering soft tissue paradigm and 018 total arch mechanics (1-day invited lecture)

#### 2019. 10. 12. The 50th Italian Orthodontic Society International Congress, Rome, Italy

Kee-Joon Lee. Treatment of long face and vertical excess via total arch movement in children and adults: soft tissue paradigm, all-in-one protocol and stability (invited lecture)

#### 2019. 9. 14-15. FreshOrtho Special Lecture Course, Minsk, Belarus

Kee-Joon Lee. Mistakes, complications and troubleshooting in orthodontic treatment (2-days invited lecture)

#### 2019. 8. 23. Indonesian Association of Orthodontists Annual Congress, Surabaya, Indonesia

Kee-Joon Lee. Root movement and adult orthopedics in three dimension - Expanding the scope of digital diagnosis and treatment (invited lecture)

# 2019. 8. 21. The 12th Vietnam International Dental Exhibition & Congress, Hanoi, Vietnam

Kee-Joon Lee. Adult transverse orthopedics using MARPE: the origin, myths and truths (invited lecture)

#### 2019. 8. 15-16. Shandong University Conference, Jinan, China

Kee-Joon Lee. 'Minimalism' Orthodontics using miniscrews: how to save natural tooth and improve face (2-days invited lecture)

#### 2019. 7. 7. Korean Research Society of Orofacial Orthopedics Symposium, Seoul, Korea

Kee-Joon Lee. Making extraction decisions based on soft tissue paradigm: four-dimensional total arch

intrusion (invited lecture)

#### 2019. 5. 11. The 41st Asia Pacific Dental Congress, Seoul, Korea

Kee-Joon Lee. Orthodontics as an alternative modality for compromised dental implants - When and how? (invited lecture)

# 2019. 4. 28. Korean Research Society of Adult Orthodontics Annual Symposium, Seoul, Korea

Kee-Joon Lee. Inverse concepts in adult orthodontics (1-day invited lecture)

#### 2019. 4. 7. Korean Association of Lingual Orthodontists Annual Congress, Seoul, Korea

Kee-Joon Lee. Lingual orthodontics for skeletal Class II (invited lecture)

## 2019. 3. 31. Taiwan Association of Lingual Orthodontics Conference, Taipei, Taiwan

Kee-Joon Lee. Crossover Orthodontics: MARPE & Lingual SLB mechanics (1-day invited lecture)

#### 2019, 3, 16. Center for Functional Orthodontics and Prosthetics, St Petersburg, Russia

Kee-Joon Lee. 'Minimalism' Orthodontics using miniscrews: how to save natural tooth and improve face (2-days invited lecture)

#### 2019. 3. 12. Yonsei-Osaka Joint Symposium. Seoul, Korea

Kee-Joon Lee. Bone formation or Bone loss? orthodontic dilemmas and troubleshooting (invited lecture)

#### 2019. 3. 8. Korean Society of Orthodontists Lecture, Seoul, Korea

Kee-Joon Lee. Strategies for hyperdivergent growers based on soft tissue paradigm: four-dimensional total arch intrusion (invited lecture)

# 2019. 3. 1. Korean Orthodontic Research Institute Annual Conference, Changwon, Korea

Kee-Joon Lee, Correlation between openbite and lip incompetency – indication of total arch intrusion (invited lecture)

#### 2019. 2. 19. Tomy International-the University of Hong Kong Joint Conference, Hong Kong, China

Kee-Joon Lee. Contemporary three-dimensional labial/lingual biomechanics for self-ligating brackets: non-surgical, non-extraction and non-prosthetic treatment. (1-day invited lecture)

# 2019. 2. 22. Association of Orthodontists (Singapore) Annual Congress, Singapore

Kee-Joon Lee. Non-surgical treatment for both face and occlusion: soft tissue paradigm and biomechanics & 3D/4D Total arch movement for non-extraction/non-surgical treatment of long face / Biomimetic orthodontics for severely impacted teeth (invited lecture)

#### 2019. 2. 17. Annual MIA Symposium, Mumbai, India

Kee-Joon Lee. MARPE-the big bang, evolution and future (invited lecture)

#### 2019. 1. 18. Cambodian Dental Association Meeting and Exhibition, Phnompenh, Cambodia

Kee-Joon Lee. MARPE: the big bang, evolution and current status of transverse correction (invited lecture)

# 2018. 12. 8. the 2<sup>nd</sup> Taiwan International Orthodontic Forum, Taipei, Taiwan

Kee-Joon Lee. 'Myths, truths and advances in maxillary expansion' (invited lecture)

# 2018. 12. 6. The 53rd Indian Orthodontic Conference, Kochi Kerala, India

Kee-Joon Lee. Pre-surgical orthognathic surgery (POGS) up-to-date guidelines (1-day precongress course)

#### 2018. 11. 25. Dental Focus 10 years' Anniversary Conference, Bucharest, Romania

Kee-Joon Lee. Treatment of long face via total arch movement (invited lecture)

#### 2018. 11. 17. Hochiminh Association of Orthodontists Conference, Hochiminh, Vietnam

Kee-Joon Lee. Advanced biomechanics for molar control / Nonsurgical treatment based on soft tissue paradigm (invited lecture)

#### 2018. 11. 11. Korean Association of Lingual Orthodontists Sympoium, Seoul, Korea

Kee-Joon Lee. Treatment sequence in lingual orthodontics: segmented vs total arch (invited lecture)

#### 2018. 10. 26. Dental Focus Mini-implant Sympoisum, Bucharest, Romania

Kee-Joon Lee. MARPE-why, when and how? (invited lecture)

#### 2018. 10. 6. The 10th Congress of the Baltic Orthodontic Association, Vilnius, Lithuania

Kee-Joon Lee. Contemporary total arch mechanics for non-surgical, non-extraction and non-prosthetic treatment using miniscrews (1-day invited lecture)

# 2018. 9. 6. The 10<sup>th</sup> World Implant Orthodontic Conference (13<sup>th</sup> Indonesian Orthodontic

# Association Meeting), Bali, Indonesia

Kee-Joon Lee. Suture biology applied to orthopedic correction in adults-MARPE and/or total arch intrusion (invited lecture)

# 2018. 8. 22. The 11th Vietnam International Dental Exhibition & Congress, Hanoi, Vietnam

Kee-Joon Lee. Facial change in adults via non-surgical treatment: Class II, Class III and long faces (invited lecture)

#### 2018. 6. 11. KAO Daegu-Kyungpook Branch, Daegu, Korea

Kee-Joon Lee. Is 'biology' far from clinical practice? Expanding borders in A-P, vertical and transverse dimensions in orthodontics (invited lecture)

#### 2018. 6. 9. The 22<sup>nd</sup> Congress of Korean Cleft Lip and Palate Association, Seoul Korea

Kee-Joon Lee. Management of transverse deficiency in cleft patients (invited lecture)

#### 2018. 5. 27. BMK invited course, Seoul, Korea

Kee-Joon Lee. Contemporary strategy for profile improvement in growing children (1-day invited lecture)

#### 2018. 5. 4. American Association of Orthodontists Annual Congress, Washington DC, USA

Kee-Joon Lee. Integrated tissue biology, biomechanics and digital diagnosis for non-surgical treatment (invited lecture)

#### 2018. 4. 27. Universidad Nacional Autónoma de México, Mexico City, Mexico

Kee-Joon Lee. Advanced biomechanics for molar control (invited lecture)

# 2018. 4. 26. Dewimed-Labodent Conference, Mexico City, Mexico

Kee-Joon Lee. Three-dimensional orthodontic mechanics using miniscrews: Expansion of orthodontic horizon (half-day invited lecture)

#### 2018. 4. 8. Korean Association of Lingual Orthodontists Annual Congress, Seoul, Korea

Kee-Joon Lee. DDX between extraction and nonextraction based on soft tissue paradigm (invited lecture)

#### 2018. 3. 25. Korean Association of Periodontics Annual Congress, Seoul, Korea

Kee-Joon Lee. Strategic 4D tooth movement for osteogenic orthodontics (Invited lecture)

#### 2018. 3. 25. Korean Association of Two Jaw Surgery Annual Congress, Seoul, Korea

Kee-Joon Lee. Benefits and limitations in pre-orthodontic orthognathic surgery using IVRO (invited lecture)

# 2018. 3. 22. 3rd Annual Conference of the Orthodontic Association of Shandong Province, Jinan, China

Kee-Joon Lee. Root movement for non-prosthetic, non-extraction and non-surgical treatment (invited lecture)

#### 2018. 3. 19. National Taiwan University Department of Orthodontics, Taipei, Taiwan

Kee-Joon Lee. Non-prosthetic orthodontics: biomechanics for complete makeover (invited lecture)

#### 2018. 3. 18. Taiwanese Association of Orthodontists Invited Course, Taipei, Taiwan

Kee-Joon Lee. Non-surgical treatment for facial esthetics-application of soft tissue paradigm and 3D total arch mechanics (1-day invited lecture)

#### 2018. 3. 14. Japanese Association of Orthodontists Tokhai Branch Meeting, Nagoya, Japan

Kee-Joon Lee. Biological rationale and practical evidences of four-dimensional total arch intrusion for vertical control (invited lecture)

# 2018. 1. 17. Cambodian Dental Association Meeting and Exhibition, Phnompenh, Cambodia

Kee-Joon Lee. Non-surgical treatment in adults based on soft tissue paradigm / Advanced biomechanics for molar control (invited lecture)

# 2017. 12. 30. The Graduate School of Clinical Dentistry Joint Conference, Seoul, Korea

Kee-Joon Lee. Tissue-tolerable three-dimensional non-surgical correction in Class III & asymmetry (invited lecture)

#### 2017. 12. 23-24. Quintessence Taiwan, Taipei, Taiwan

Kee-Joon Lee. Basic and advanced biomechanics for minimalism orthodontics: from single tooth to total arch (2-days invited lecture)

#### 2017. 11. 25-27. Dental Focus Conference, Bucharest, Romania

Kee-Joon Lee. Contemporary surgical & non-surgical procedures for TMJ problems/POGS protocol/nonsurgical treatment for idiopathic condylar resorption/contemporary biomechanics for effective troubleshooting (3-days invited lecture)

#### 2017. 11. 19. Korean Society of Digital Orthodontists, Seoul, Korea

Kee-Joon Lee. Digital technology for three-dimensional VTO-what do we need? (invited lecture)

#### 2017. 11. 19. Korean Society of Digital Orthodontists, Seoul, Korea

Kee-Joon Lee. Digital technology for three-dimensional VTO-what do we need? (invited lecture)

#### 2017. 10. 30. KAO Annual Congress, Seoul, Korea

Kee-Joon Lee. Effects of four-dimensional single tooth and total arch movement (Invited lecture)

#### 2017. 10. 20. Montefiore Medical Center, New York, USA

Kee-Joon Lee. Effective non-surgical treatment-clinical application of contemporary biomechanics (1-day invited lecture)

#### 2017. 10. 19. University of Pennsylvania, Department of Orthodontics, Phildelphia, USA

Kee-Joon Lee. Basic biomechanics & digital 3D-VTO for systematic orthodontic treatment (1-day invited lecture)

#### 2017. 9. 10. Biomaterials Korea-Invited Course, Seoul, Korea

Kee-Joon Lee. Various clinical tips for effective non-surgical treatment (1-day invited lecture)

#### 2017. 7. 13. Korean Association of Periodontics, Seoul, Korea

Kee-Joon Lee. Precision orthodontics for periodontally compromised patients: why and how (Invited lecture)

#### 2017. 7. 2. WIOC & Kinki-Tokai Orthodontic Society Conference, Kobe, Japan

Kee-Joon Lee. The 'paradox' of lip protrusion based on soft tissue paradigm & 4D total arch intrusion (Invited lecture)

#### 2017. 6. 29. World Society of Lingual Orthodontics Conference, Bangkok, Thailand

Kee-Joon Lee. Simplified total arch mechanics using lingual self-ligating brackets for effective nonsurgical treatment in various skeletal discrepancies (Invited lecture)

#### 2017. 6. 25. Korean Society of Orthodontists Symposium, Seoul, Korea

Kee-Joon Lee. Vertical control in practice-forget about cephalometrics and focus on soft tissue (Invited lecture)

#### 2017. 6. 3-4. Tashkent State Dental Institute, Tashkent, Uzbekistan

Kee-Joon Lee. Advanced biomechanics for non-surgical, non-extraction and non-prosthetic treatment using miniscrews (2-days invited lecture)

#### 2017. 5. 28. Yonsei Continuing Education Center, Seoul, Korea

Kee-Joon Lee. Blue ocean orthodontics-utilization of natural teeth and non-prosthetic orthodontics (1-day seminar)

#### 2017. 5. 14.-9.17 Osstem-Hubit Orthodontics Forum, Korea (invited lecture series)

Kee-Joon Lee. Ultimate biomechanics for root movement (5.14. Seoul)

Kee-Joon Lee. Digitalized diagnosis and step-by-step procedure (7. 9.Daejeon)

Kee-Joon Lee. Digitalized diagnosis for reliable non-surgical treatment (8. 20. Daegu)

Kee-Joon Lee. Precision orthodontics for periodontally compromised cases-why and how (9.17. Busan)

# 2017. 5. 5. Vietnamese Association of Orthodontists Conference, Hanoi, Vietnam

Kee-Joon Lee. Control of single tooth, total arch and soft tissue using TADs (1-day invited lecture)

# 2017. 4. 30. Adult Orthodontics Study Group Conference-Correction of Transverse Correction in

#### Adults-Where Are We? Seoul, Korea

Kee-Joon Lee. Three-dimensional management of adult malocclusion via transverse control-possibilities and limitations (Invited lecture)

#### 2017. 4. 22. Malaysian Association of Orthodontists Annual Meeting, Kuala Lumpur, Malaysia

Kee-Joon Lee. Soft tissue paradigm in orthodontics for (1) pre-orthdontic orthognathic surgery (POGS)

(2) three-dimensional dentofacial restructuring (3-days invited lecture)

# 2017. 4. 16. Growth-phase Orthodontics Study Group Conference-All Kinds of Treatment Methods

#### for Class III Malocclusion, Seoul, Korea

Kee-Joon Lee. Transverse (and vertical) correction in Class III-why, when and how? (Invited lecture)

#### 2017. 4. 14. KAO Kangwon Division Conference. Kangneung, Korea

Kee-Joon Lee. Non-surgical treatment in adults based on soft tissue paradigm (Invited lecture)

# 2017. 4. 9. Korean Association of Lingual Orthodontists Annual Meeting, Seoul, Korea

Kee-Joon Lee. Non-surgical lingual treatment of facial asymmetry: how to camouflage? (Invited lecture)

#### 2017. 1. 31. Iranian Orthodontic Society Annual Conference, Tehran, Iran

Kee-Joon Lee. Vertical control of hyperdivergent face via total arch intrusion (Invited lecture) / Advanced biomechanics for non-surgical, non-extraction and non-prosthetic treatment using TADs (1-day preconference course)

# 2017. 1. 15. International Conference for the 15th Anniversary of Korean Dental Science, Seoul,

## **Korea**

Kee-Joon Lee. Simplified orthodontic diagnosis using 3D digital simulation (Invited lecture)

# 2016. 11. 26-27. 'A weekend with professor Kee-Joon Lee' Kuala Lumpur, Malaysia

Kee-Joon Lee. Control of single tooth, total arch and soft tissue using TADs (2-days invited lecture)

#### 2016. 11. 20. Lingual Orthodontics Symposium, Seoul, Korea

Kee-Joon Lee. 3D diagnosis for lingual orthodontics (Invited lecture)

#### 2016. 11. 20. Hyper-bracket Symposium, Seoul, Korea

Kee-Joon Lee. Biomechanics for molar control (Invited lecture)

#### 2016. 11. 19. Korean Society of Orthognathic Surgery, Seoul, Korea

Kee-Joon Lee. Nonsurgical orthodontics treatment for idiopathic condylar resorption-why and how? (Invited lecture)

#### 2016. 11. 13. Korean Association of Orthodontic Laboratory Technicians, Seoul, Korea

Kee-Joon Lee. Latest digital technology and 3D orthodontics: roles of dental laboratory (Invited lecture)

#### 2016. 11. 3. WIOC & Indian Orthodontic Society Annual Conference, Goa, India

Kee-Joon Lee. Non-prosthetic orthodontics: biomechanics for complete makeover (Invited lecture)

# 2016. 11. 1. European University College, Dubai, UAE

Kee-Joon Lee. Miniscrew-supported RPE (Invited lecture)

# 2016. 10. 27. Penn Week of Orthodontics, Philadelphia, PA, USA

Kee-Joon Lee. Impacted tooth/Class II div 2/vertical control/transverse control (One-day invited lecture)

#### 2016. 10. 12. ADEPO UFRJ Conference, Rio de Janeiro, Brazil

Kee-Joon Lee. Four-dimensional control of single tooth, total arch and soft tissue using TADs (Invited lecture, One-day course)

#### 2016. 10. 7. KAO Annual Congress, Seoul, Korea

Kee-Joon Lee. Facilitated treatment via transverse control (preconference) / Non-prosthetic orthodontics: biomechanics and outcome analysis (Oral presentation)

#### 2016. 9. 29. KAO Busan Division Conference, Busan, Korea

Kee-Joon Lee. Understanding bracket geometry for effective tooth movement (Invited lecture)

#### 2016. 9. 1. Asian-Pacific Orthodontic Conference, Bali, Indonesia

Kee-Joon Lee. Digital diagnosis & 3D VTO for reliable non-surgical treatment of skeletal discrepancies /Nonsurgical facial reconstruction in patients with idiopathic condylar resorption (Invited lecture)

#### 2016. 8. 25. VIDEC, Hanoi, Vietnam

Kee-Joon Lee. Transverse control in adults using MARPE/Vertical control of hyperdivergent face via total arch intrusion (Invited lecture)

#### 2016. 6. 22. Yonsei-UPenn Joint Symposium, Seoul, Korea

Kee-Joon Lee. Integrated biology to find creative solutions in clinical orthodontics (Oral presentation)

#### 2016. 6. 3. Dental Focus Group Seminar, Cluj Napoca, Romania

Kee-Joon Lee. Innovative lingual self-ligation system combined with digital tools for three-dimensional control of single tooth and total arch (One-day invited lecture)

# 2016. 5. 21. Korean Academy of Conservative Dentistry, Busan, Korea

Kee-Joon Lee. Three-dimensional minor tooth movement for smile esthetics (invited lecture)

#### 2016. 4. 9. Asian Lingual Orthodontic Meeting, Seoul, Korea

Kee-Joon Lee. Digital simulation for diagnosis and appliance construction: how to maximize the digital strengths (invited lecture)

#### 2016. 3. 26. Gachon University of Medicine and Science Seminar, Incheon, Korea

Kee-Joon Lee. Digital technology for 3D VTO-what do we need? (Invited lecture)

#### 2016. 3. 18-19. British Lingual Orthodontic Society Annual Conference, London, UK

Kee-Joon Lee. Digital simulation for diagnosis and appliance construction: how to maximize the digital strengths (invited lecture) / Innovative lingual self-ligation system for three-dimensional control of single tooth and total arch (1-day invited hands-on course)

#### 2016. 2. 28. Korean Orthodontic Research Institute Annual Conference, Incheon, Korea

Kee-Joon Lee. Non-extraction treatment aided by miniscrew (Invited lecture)

# 2015.12.20. Hyper-bracket Symposium, Seoul, Korea

Kee-Joon Lee. Variation in segmented arch technique (Invited lecture)

# 2015. 11. 16. KAO Kwangju Division Congress, Kwangju, Korea

Kee-Joon Lee. Non-surgical transverse control & 3D occlusion for effective troubleshooting (Invited lecture)

#### 2015. 10. 22. GC Ortholy Corporation Seminar, Tokyo, Japan

Kee-Joon Lee. Transverse control in adults using MARPE (Invited lecture)

#### 2015. 10. 9. University of Pennsylvania Alumni Day Reunion, Philadelphia, PA, USA

Kee-Joon Lee, Four-dimensional orthodontic mechanics restructuring the face and occlusion (One-day invited lecture)

#### 2015. 10. 2. Conferinta Dental Focus 2015, Brasov, Romania

Kee-Joon Lee. Integrated biology and 3D mechanics for non-eruption/impacted teeth etc (Invited lecture)

#### 2015. 8. 2. Rangoonwala Dental College, Pune, India

Kee-Joon Lee. Four-dimensional orthodontics for non-surgical, non-extraction and non-prosthetic treatment (One-day invited lecture)

#### 2015. 5. 8. KSO monthly meeting, Seoul, Korea

Kee-Joon Lee. Overcoming clinical challenges via soft tissue paradigm & 3D occlusion concept (Invited lecture)

#### 2015. 3. 20. Yanbian University Hospital, Yanbian, China

Kee-Joon Lee. Dental and periodontal restoration using orthodontic tooth movement (Invited lecture)

#### 2014. 12. 7. Yonsei Alumni Clinical Dentistry Conference, Seoul, Korea

Kee-Joon Lee. Simple orthodontic diagnosis using three-dimensional simulation (Invited lecture)

#### 2014. 12. 18. The 14th Ewha Orthodontic Mini-symposium, Seoul, Korea

Kee-Joon Lee. Restructuring Class II div 2 from total arch perspectives (Invited lecture)

#### 2014. 10. 20. Japanese Orthodontic Society Annual Congress. Chiba, Japan

Kee-Joon Lee. Total arch intrusion in various dimensions (JOS-KAO joint symposium, Invited lecture)

#### 2014. 10. 11. Korean Society of Surgery-first Orthodontics Annual Congress, Seoul, Korea

Kee-Joon Lee. Strategies for establishment of surgery occlusion, post-surgical orthodontic treatment in pre-orthodontic orthognathic surgery (POGS) cases (1/2 day course)

#### 2014. 10. 1-5. 6th WIOC and PCSO Meeting, Anaheim, CA, USA

Kee-Joon Lee. Three-dimensional force-driven approach (Invited lecture) / Three-dimensional total arch movement using TADs (Pre-conference course)

# 2014. 6. 22. Korean Association of Esthetic Dentistry, Seoul, Korea

Kee-Joon Lee. Interactive esthetic orthodontics using up-to-date technology (Invited lecture)

# 2014. 5. 8-9. Il meeting International de Orthodontia, Sao Luiz, Belo Horizonte, Brazil

Kee-Joon Lee. Control of single tooth, total arch and soft tissue using TADs (One-day invited lecture)

# 2014. 4. 12. Korean Society of Surgery-first Orthodontics Symposium, Seoul, Korea

Kee-Joon Lee. Importance of references in the pre-orthodontic orthognathic surgery (Invited lecture)

# 2014. 3. 9. European University, Dubai, UAE

Kee-Joon Lee. Simulation of orthodontic tooth movement: myths and truths (Invited lecture)

# 2014. 3. 7-8. Scorpios Group Seminar, Dubai, UAE

Kee-Joon Lee. New mechanics for non-surgical, non-extraction and non-prosthetic orthodontics using TADs (Two-day invited lecture)

#### 2014. 1. 12. Orthosystems Group, Mumbai, India

Kee-Joon Lee. Contemporary orthodontic mechanics for non-surgical, non-extraction and non-prosthetic treatment using TADs (One-day invited lecture)

#### 2013. 12. 21. ISSIS International Symposium, Seoul, Korea

Kee-Joon Lee. Interpretation and application of simulated orthodontic tooth movement (Oral presentation)

#### 2013. 12. 1. Saint Mary's Graduate School of Clinical Dentistry Symposium, Seoul, Korea

Kee-Joon Lee. Orthodontic treatment for impacted tooth...saving Private Ryan (Invited lecture)

#### 2013. 11. 24. Contemporary Orthodontics & Orthognathic Surgery Symposium, Seoul, Korea

Kee-Joon Lee. Four-dimensional restructuring of occlusion: next generation orthodontics? (Invited lecture)

#### 2013. 11. 13-15. 5th WIOC & Thai Association of Orthodontists Meeting, Phuket, Thailand

Kee-Joon Lee. Four-dimensional orthodontics (Pre-conference course) Role of three-dimensional diagnosis (Keynote lecture)

# 2013. 11. 8-9. Dental Focus Group, Bucharest, Romania

Kee-Joon Lee. Integrated mechanics and biology for four-dimensional orthodontics (Two-days invited lecture)

#### 2013. 10. 13. KAO Gangwon Division Congress, Kangnung, Korea

Kee-Joon Lee, Integrated mechanics and appliances for lingual orthodontics (Invited lecture)

#### 2013. 9. 9. University of Pennsylvania, Philadelphia, USA

Kee-Joon Lee. Control of single tooth, total arch and soft tissue using TADs (One-day invited lecture)

# 2013. 8. 1. The 6 th National Scientific Dental Congress & International Exhibition, Hanoi, Vietnam

Kee-Joon Lee. Strategies for non-eruption: combining mechanics and underlying biology/Patient-oriented variations in orthognathic surgery; surgery first? No surgery? (Invited lecture)

# 2013. 6. 30. Korean Cleft Lip and Palate Association Annual Meeting, Seoul, Korea

Kee-Joon Lee. Non-surgical maxillary expansion: why and how? (Invited lecture)

#### 2013. 6. 20 KSO Symposium, Seoul, Korea

Kee-Joon Lee, Total arch movement for non-extraction treatment-concerns for esthetics and stability (Invited lecture)

# 2013. 6. 18. Dental Hospital of Guangzhou Medical University, Guangzhou, China

Kee-Joon Lee, Control of single tooth, total arch and soft tissue using TADs (One-day invited lecture)

#### 2013. 6. 13. KAO Busan Division Congress, Busan, Korea

Kee-Joon Lee. Non-surgical treatment based on soft tissue paradigm (Invited lecture)

#### 2012.9.26-28. German Orthodontic Society Meeting, Stuttgart, Germany

Young-Chel Park, Kee-Joon Lee, Jang-Yeol Lee. Precision lingual orthodontics using miniscrewsbiomechanics and principles (Pre-congress course, One-day invited lecture)

# 2012.9.14. Edward H. Angle Society of Orthodontists Southern California, CA, USA

Kee-Joon Lee. Contemporary orthodontic techniques based on predictability-beyond the limit of nonsurgical, non-extraction, non-prosthetic treatment in adults. (One-day invited lecture)

#### 2012. 7. 13-14. SriSai Dental College/Indian Society of Orthodontists, Hyderabad, India

Kee-Joon Lee. Hands-on course on mini-implants / POGS (pre-orthodontic orthognathic surgery) / Lingual orthodontics with mini-implants; simplified biomechanics (Two-day invited lecture)

#### 2012, 4, 27, KAO Chonbuk Division Congress, Iksan, Korea

Kee-Joon Lee. POGS (pre-orthodontic orthognathic surgery – to be or not to be? (Invited lecture)

# 2012. 4. 7. The 5th Annual Scientific Congress of the Korean Association of Lingual Orthodontists /

#### The 1st Joint Meeting of KALO and JLOA, Seoul, Korea

Kee-Joon Lee. Non-surgical treatment of Class II adults with combined lingual appliance and miniscrews (Invited lecture)

# 2012. 4. 4-5. The 3<sup>rd</sup> International Congress of the Romanian Straight Wire Association, Iasi, Romania

Kee-Joon Lee. Control of single tooth, total arch and soft tissue using TADs (pre-congress hands-on course, invited lecture), Four-dimensional total arch movement (Invited lecture)

# 2012. 3. 4. Lingual Orthodontics Symposium - New Trends in the Self-Ligating Mechanics, Seoul, Korea

Kee-Joon Lee. Controlled tooth movement using lingual self-ligating brackets (Invited lecture)

#### 2012. 1. 31. - 2. 1. The 6th Annual Meeting of the Saudi Orthodontic Society, Jeddah, Saudi Arabia.

Kee-Joon Lee. Soft tissue paradigm in contemporary orthodontics / Non-surgical vertical control using miniscrews / Non-surgical Transverse control in adults (Invited lecture)

+ One-day hands-on course on miniscrew application in clinical orthodontics

#### 2011. 12. 4. Saint Mary's Graduate School of Clinical Dentistry Symposium, Seoul, Korea

Kee-Joon Lee. Non-surgical correction of open bite (Invited lecture)

## 2011. 11. 24. The 60th Anniversary Osaka International Symposium, Osaka, Japan

Kee-Joon Lee. Three-dimensional osteodynamics around orthodontic mini-implants; Is the cortical bone good enough? (Invited lecture)

# 2011. 11. 19. The 50<sup>th</sup> Congress of the Korean Association of the Maxillofacial Plastic and reconstructive Surgeon, Suwon, Korea

Kee-Joon Lee. Strategic rotation of the occlusal plane considering the esthetics and stability (Invited lecture)

#### 2011. 11. 4. The 44th Annual Congress of Korean Association of Orthodontists, Seoul, Korea

Kee-Joon Lee. Vertical control using total arch movement-when and how? (Oral presentation)

#### 2011. 10. 7. The 3<sup>rd</sup> World Implant Orthodontic Conference, Verona, Italy

Kee-Joon Lee. Lingual non-surgical treatment of adults with high risks (invited lecture)

# 2011. 6. 16. The 7th Ewha Orthodontic Mini-symposium: molar distalization-is it real? Seoul, Korea

Kee-Joon Lee. Molar distalization-all for one, one for all. (Invited lecture)

#### 2011. 5. 18. American Association of Orthodontists Annual Session, Chicago, IL, USA

Kee-Joon Lee. Miniscrew-assisted non-surgical palatal expansion in young adults; is it worthwhile? (Invited lecture)

#### 2011. 3. 21. University of Southern California, CA, USA

Kee-Joon Lee. Molar intrusion and open bite control. (Invited lecture)

#### 2011. 3. 20. Edward H. Angle Society of Orthodontists Southern California, CA, USA

Kee-Joon Lee. Patient-oriented dentofacial restructuring with TADs. (Invited lecture)

#### 2011. 3. 18. San Diego Academy of Orthodontics, CA, USA

Kee-Joon Lee. Control of single tooth, total arch and soft tissue using TADs. (One-day invited lecture)

#### 2011. 3. 16. University of California, Los Angeles, CA, USA

Kee-Joon Lee. Strategies for non-eruption: combining mechanics and underlying biology (Invited lecture)

#### 2011. 2. 8. Pittsburgh University, PA, USA

Kee-Joon Lee. Optimized mechanics for TADs for predictable outcome. (One-day invited lecture)

#### 2010.12. 12. 2<sup>nd</sup> World Implant Orthodontics Conference, Taipei, Taiwan

Kee-Joon Lee. Four-dimensional total arch movement-possibilities and limitations (Invited lecture)

#### 2010. 6. 27. Association of Maxillomandibular Orthognathics, Seoul, Korea

Kee-Joon Lee. Flexibility of POGS (pre-orthodontic orthognathic surgery) timing in asymmetry (invited lecture)

#### 2010. 6. 17. Continuing education for KAO certified orthodontists, Seoul, Korea

Kee-Joon Lee. New paradigm in Class II treatment using vertical control (invited lecture)

#### 2010. 5. 2-3. American Association of Orthodontists Annual Session, Washington DC, USA

Kee-Joon Lee, Joong-Ki Lim, Jang-Yeol Lee, Jung-Yul Cha. TADs application for 'invisible' orthodontics in adults (hands-on course)

Kee-Joon Lee. Non-extraction, non-prosthetic orthodontics using TADs: possibilities and limitations (invited lecture)

# 2010. 4. 18. Gachon University of Medicine and Science 20 Years' Anniversary Meeting, Seoul,

#### Korea

Kee-Joon Lee. Ortho-perio synergism: possibilities and limitations (invited lecture)

#### 2010. 2. 20. Korean Cleft Lip and Palate Association Meeting, Seoul, Korea

Kee-Joon Lee. Surgery vs non-surgery: stability-based treatment strategies. (invited lecture)

#### 2009. 12. 3. Ewha Womans University Graduate School of Clinical Dentistry, Seoul, Korea

Kee-Joon Lee. Differential diagnosis of Class II based on soft tissue paradigm (mini-symposium; similar but different, invited lecture)

#### 2009. 11. 26. Korean Association of Dental Education Meeting, Daegu, Korea

Kee-Joon Lee. A proposal for legal and systemic activation of predoctoral student clinic (invited lecture)

#### 2009. 11. 2 Thai Association of Orthodontics Meeting, Bangkok, Thailand

Kee-Joon Lee. Application of miniscrew implants – a systemized mechanics (1-day course: Invited lecture)

# 2009. 7. 10-11. 1st German-Korean Orthodontic Summit (GEKOOS), Frankfurt University,

#### Germany

Kee-Joon Lee. Lingual orthodontic treatment using miniscrews (1-day course: Invited lecture)

# 2009. 5. 9-10. 6th Seoul Dental Association Annual Meeting, Seoul, Korea

Kee-Joon Lee. Non-surgical, non-extraction and non-prosthetic orthodontics using miniscrew implants (Invited lecture)

#### 2009. 3.1-5. 13th Indian Orthodontic Society Postgraduate Students' Convention, Davangere, India

Kee-Joon Lee. Patient-oriented variations in orthognathic surgery; surgery first? no surgery? (Main session. Invited lecture)

Kee-Joon Lee. Application of miniscrew implants-a systemized mechanics (Post-convention course, Invited lecture)

#### 2008. 11. 29-30. Frankfurt University, Frankfurt, Germany

Kee-Joon Lee. Contemporary orthodontic mechanics using drill-free miniscrews: Hands-on (2-days) course (Invited lecture) + Invited lectures @ Dusseldorf, Tubingen University

# 2008. 11. 7-8. Korean Association of Orthodontists Annual Meeting, Seoul, Korea

Kee-Joon Lee. The miniscrew-assisted rapid palatal expansion (MARPE): A Status Report (Oral presentation) + Poster Presentations (5)

#### 2008. 10. 3-4. 5th World Congress of Level Anchorage System, Seoul, Korea

Kee-Joon Lee. Force-driven approach for precision tooth movement using orthodontic miniscrews in pathologic conditions (Invited lecture)

#### 2008. 9. 1st World Implant Orthodontics Conference, Seoul, Korea

Kee-Joon Lee. Miniscrew-assisted Rapid Palatal Expansion in Adults (Pre-conference, Invited lecture)

Kee-Joon Lee. Total arch movement using orthodontic miniscrews for the functional and esthetic standpoint (Main conference, Invited lecture)

#### 2008. 7. 3-6. 8th European Society of Lingual Orthodontics Congress, Cannes, France

Kee-Joon Lee. Preliminary segmental movement using miniscrews for orthodontic camouflage in lingual orthodontics (Oral Presentation)

#### 2008. 6. 6-7. University of Southern California, CA, USA

Kee-Joon Lee. Advanced concepts in temporary orthodontic implant anchorage: 2-days course (Invited lecture)

# 2008. 4. 12. 5<sup>th</sup> Anniversary Symposium of Ewha Womans University Graduate School of Clinical Dentistry, Seoul, Korea

Kee-Joon Lee. Evidence-based total arch movement using orthodontic miniscrews (Invited lecture)

# 2007. 12. 14. 6<sup>th</sup> Asian Implant Orthodontics Conference & 20th Annual Meeting of Taiwan Association of Orthodontists

Kee-Joon Lee. Miniscrew application for orthodontic reconstruction of compromised dentition (Invited lecture)

#### 2007. 11. 14, 17-18. Frankfurt University, Frankfurt, Germany

Kee-Joon Lee. Contemporary orthodontic mechanics using drill-free miniscrews: Hands-on (2-days) course (Invited lecture)

#### 2007. 11. 3. Korean Association of Orthodontists Annual Meeting, Seoul, Korea

Kee-Joon Lee. Clinical manipulation of facial soft tissue for the esthetic improvement (Oral Presentation) + Poster Presentations (7)

#### 2007. 10. 11. Daejeon-chungnam div. of KAO Meeting

Kee-Joon Lee. Total arch movement using orthodontic miniscrews (Invited lecture)

#### 2007. 9. 28. University of Southern California, CA, USA

Kee-Joon Lee. Advanced concepts in temporary orthodontic implant anchorage: 1-day course (Invited lecture)

# 2007. 9. 24-25. Ege University, Izmir, Turkey

Kee-Joon Lee. Contemporary orthodontic mechanics using drill-free miniscrews: Hands-on (2-days course, invited lecture)

Therapeutic orthodontics using orthodontic mini-implants (Invited lecture)

# 2007. 7. 13. World Society of Lingual Orthodontics Meeting, Seoul, Korea

Kee-Joon Lee. Jang-Yeol Lee, Jong-Suk Lee, Hyung-Seok Yu. Drill-free miniscrew hands-on course (Precongress course)

#### 2007. 6. 27. Frankfurt University, Frankfurt, Germany

Kee-Joon Lee. En-masse movement of dentition; when, why and how? (Invited lecture)

## 2007. 6. 26. Mainz University, Mainz, Germany

Kee-Joon Lee. Miniscrew application for non-surgical transverse correction in adults (Invited lecture)

#### 2007. 4. 20. Korean Society of Clinical Orthodontists (KSO) Meeting, Seoul, Korea

Kee-Joon Lee. Strategies and limitations in the non-surgical maxillary expansion (Invited lecture)

# 2007. 3. 10., 2007. 4. 20. Ortholution<sup>R</sup> miniscrew orthodontics seminar, Seoul, Korea

Kee-Joon Lee. Clinical applications of orthodontic miniscrew (Invited lecture)

# 2006. 11. 15. Hallym Graduate School of Clinical Dentistry, Seoul, Korea

Kee-Joon Lee. Diagnosis and Treatment Planning of Eruption Problems (Invited lecture)

# 2006. 11. 14. Yonsei Orthodontic Alumni Meeting, Seoul, Korea

Kee-Joon Lee. Non-surgical Maxillary Expansion and Its Clinical Effectiveness (Invited lecture)

#### 2006. 11. 3. Korean Association of Orthodontists Annual Meeting, Seoul, Korea

Kee-Joon Lee, Orthodontic Treatment for Missing Molars; the Good, Better and the Best Solutions (Oral Presentation) + Poster Presentations (3)

#### 2006. 9. 14. Japanese Orthodontic Society Annual Meeting

Joo-Young Park, <u>Kee-Joon Lee</u>, Young-Chel Park, Woo-Sang Hwang, Eui-Hyang Seong. Effective orthodontic intervention in the interdisciplinary treatment for reconstruction of mandibular body and multiple missing teeth (Poster)

Tae-Min Yun, Mi-Jeong Kwon, Hyoung-Seon Baik, Choo-Ryung Chung, <u>Kee-Joon Lee</u>. Effects of FGF2/9 on the development of the cranial base synchondrosis (Poster)

#### 2006. 10. 21. Yonsei Alumni Academic Conference, Seoul, Korea

Kee-Joon Lee. Miniscrew Application for Minor Tooth Movement (Invited lecture and hands-on course)

#### 2006. 6. 7. 5th Asian Implant-Orthodontic Conference, Okayama, Japan

Kee-Joon Lee. The Rationale and Treatment Effects of Non-surgical Transverse Correction in Adults Using Mini-implants (Invited lecture)

 $\underline{\text{Kee-Joon Lee}}, \textbf{Young-Chel Park}, \textbf{Jung-Yul Cha}, \textbf{Woo-Sang Hwang}, \textbf{Eui-Hyang Sung}, \textbf{Joo-Young Park}.$ 

Effective Treatment of Mesioangulated Mandibular Second Molars (Poster)

#### 2006. 6. 28. IADR Annual Meeting, Brisbane, Australia

<u>Kee-Joon Lee</u>, Kwang-Seok Ahn, Ju-Young Park, Woo-Sang Hwang, Hyoung-Seon Baik. Subclassification of skeletal Class II in Korean adults using cluster analysis (Poster)

Tae-Min Yoon, Mi-Jeong Kwon, Young-Chel Park, Takashi Inoue, Hyun-Duck Nah, <u>Kee-Joon Lee</u>. Role of FGF/FGFR in the cranial base synchondrosis (Poster)

#### 2006. 5. 4. Ewha Womans University Graduate School of Clinical Dentistry, Seoul, Korea

Kee-Joon Lee. Clinical Effects of Miniscrew-aided RME (Invited lecture)

#### 2006. 3. 20. Mahidol University, Bangkok, Thailand

Kee-Joon Lee. Contemporary Orthodontic Mechanics Combined with Miniscrew (Invited lecture and hands-on course - 1& 1/2 days)

## 2006. 2. 26. Korean Orthodontic Research Institute INC. Annual Meeting, Seoul, Korea

Kee-Joon Lee. Therapeutic Orthodontics Using Orthodontic Mini-implants (Invited lecture)

#### 2006. 2. 21. Yonsei Autotranplantation Seminar, Seoul, Korea

Kee-Joon Lee. Orthodontic Strategies for Preservation of Tooth/alveolar Bone (Invited lecture)

# 2006. 1. 19. Korea University Graduate School of Clinical Dentistry

Kee-Joon Lee. Orthodontic Approaches to Non-Eruption (Invited lecture)

#### 2005. 11. 4-5. Korean Association of Orthodontists Annual Meeting, Jeju, Korea

Kee-Joon Lee. 'A Comparison of the Interdental Distance in Panoramic Radiography and Computed Tomography for Orthodontic Miniscrew Implant Application' (Oral presentation)

#### 2005. 10. 16. Tokyo Dental College Memorial Symposium, Chiba, Japan

Kee-Joon Lee. Altered gene function in the suture formation (Oral presentation)

Kee-Joon Lee. Troubleshooting in the miniscrew orthodontics (Invited lecture @ Dept of Orthod, Tokyo Dental College)

## 2005. 9. 10-14. IOC Annual Meeting, Paris, France

Lee K.J., PARK Y.C., LEE J.S., AHN K.S., JOO E., PARK J.Y. Non-Surgical Orthodontic Palatal Expansion in Young Adults. (Poster)

#### 2005. 5. 20-24. AAO Annual Meeting, San Francisco, USA

Lee K.J., PARK Y.C., LEE J.S., AHN K.S., JOO E., PARK J.Y. Miniscrew-aided Rapid Palatal Expansion in Young Adults. (Poster)

#### 2005. 5. 6. Yonsei Academic Symposium in Memory of 120th Anniversary

Kee-Joon Lee. FGF/FGFR2, Msx2, Runx2 and Their Roles in Intramembranous Bone Formation (Oral presentation)

Tae-Min Yun, Hyun-Duck Nah, <u>Kee-Joon Lee</u>. A comparative morphological study on the craniofacial sutures in normal and Apert mice with Pro253Arg FGFR-2 (Poster)

#### 2005. 3. 7. Dept. of Orthodontics, University of Pennsylvania, Philadelphia, USA

Kee-Joon Lee. Myths and Truths of Orthodontic Mini-implant (Invited lecture)

#### 2005. 3. 8. Dept. of Orthodontics, Temple University, Philadelphia, USA

Kee-Joon Lee. Predictable Molar Control and En-Masse movement (Invited lecture)

#### 2005. 3. 9-12. IADR Annual Meeting, Baltimore, USA

KJ Lee, WT Lee, YC Park, YK Ryu.

Interleukin-1beta and matrix metalloproteinase levels upon initial orthodontic loading. (poster)

STH Tjoa, <u>KJ Lee</u>, HD Nah. Direct/indirect effects of a Crouzon Mutation (C278F-FGFR2) on cranial base/suture development. (poster)

IP Chen, <u>KJ Lee</u>, PS Leboy, HD Nah. Integration of BMP and FGF signaling in calvarial osteoblasts. (Oral presentation)

# 2004. 12. 4-6. 3rd Asian Implant Orthodontics Conference & 17th Annual Meeting of Taiwan

#### **Association of Orthodontists**

Kee-Joon Lee. Semi-orthopedic Correction Using Dual Miniscrew (Oral presentation)

#### 2004. 11. 5-6. KAO Meeting in Seoul, Korea

Kee-Joon Lee. Regulatory Genes in the Craniofacial Sutures. (Oral presentation)

Kee-Joon Lee. Introduction to Orthodontic Brackets (Staff lecture)

#### 2003. 6. IADR meeting, Goteborg, Sweden

Kee-Joon Lee, I-Ping Chen, Kwang-Kyun Park, Hyun-Duck Nah

FGFR2 is an Upstream Regulator of Msx2 Gene Expression in Mouse Calvarial Bone Cells (Oral presentation)