

Curriculum Vitae

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Professor

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Dr. Kee-Joon Lee is a professor of the Department of Orthodontics, Yonsei University College of Dentistry, Seoul, Korea. He received DDS and PhD degree from Graduate school, College of Dentistry, Yonsei University. He completed the orthodontics specialty training in Yonsei University. 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. 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 miniscrew-assisted 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

Advisory committee member of World Implant Orthodontics Association

Founding member/Executive director, Korean Association of Lingual Orthodontists

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

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

Director, Korean Association of Orthodontists (2020 - present)

Vice president, Korean Cleft Lip and Palate Association (2019 - present)

I. Education

- Mar. 1997 – Feb. 2004 Graduate school, College of Dentistry,
Yonsei University, Seoul, Korea (Ph.D.)
- Mar. 1995 - Feb. 1997 Graduate School, College of Dentistry,
Yonsei University, Seoul, Korea (M.S.)
- Mar. 1988 - Feb. 1994 College of Dentistry, Yonsei University, Seoul, Korea (D.D.S.)

II. Professional experience

- Mar 2013 - present Professor, Dept. of Orthodontics, College of Dentistry,
Yonsei University, Seoul, Korea
- Aug 2010 – Jul 2011 Visiting scholar, Division of Plastic and Reconstructive Surgery
The Children's Hospital of Philadelphia, PA, USA
Adjunct professor, University of Pennsylvania (2010-11, 2016-19)
/Temple University (2010-11)
- Sep 2008 – Jul 2010 Director of Postdoctoral Student Clinic, College of Dentistry,
Yonsei University, Seoul, Korea
- Mar 2008 – Feb 2013 Associate professor, Dept. of Orthodontics, College of Dentistry,
Yonsei University, Seoul, Korea
- Mar 2004 – Feb 2008 Assistant professor, Dept. of Orthodontics, College of Dentistry,
Yonsei University, Seoul, Korea
- Jul 2002 – Feb 2004 Visiting scholar, Dept. of Biochemistry, School of Dental Medicine
University of Pennsylvania, PA, USA
- May 2001- Jul 2002 Lecturer, Dept. of Orthodontics, College of Dentistry,
Yonsei University, Seoul, Korea
- Mar 1998 - Apr 2001 Medical officer (Captain), ROK Military Hospital
United Nations Mission in Western Sahara (MINURSO) (1999, 2000)
- Mar 1994 - Feb 1998 Intern & Resident
Dept. of Orthodontics, College of Dentistry,
Yonsei University, Seoul, Korea

III. Honors and awards

- 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)
- 10th 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’

3rd Asian Implant Orthodontics Conference & 17th 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

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

Kee-Joon Lee, 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)

Kee-Joon Lee, 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)

Kee-Joon Lee, 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)

Kee-Joon Lee. Goal-oriented Treatment Planning/Vertical and Transverse Correction in Lingual Orthodontics/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)

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

Kee-Joon Lee. 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. 1st ed. 2007;101-123 (Korean)

Byung-Wha Sohn, Chung-Ju Hwang, Kyung-Ho Kim, Kee-Joon Lee. 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, Kee-Joon Lee, Choo-Ryung Jung. Clinical Orthodontic Manual. DaehanNarae Publishing Inc. Seoul, Korea. 1st ed. 2006 (Korean)

Publications

Sun-Hyung Park, Yun-Jin Koo, Byeong-Tak Keum, Joo-Hee Chun, Kee-Joon Lee. Early replacement of ankylosed first molar via mesial root movement facilitates bone formation and normal eruption of the third molar. Angle Orthod 2021 (in print)

Harim Kim, Sun-Hyung Park, Jae Hyun Park, Kee-Joon Lee. Nonsurgical maxillary expansion in a 60-year-old patient for with gingival recession and crowding. Korean J Orthod (in print)

Ji Yoon Jeon, Eui-Hyang Sung, Tae-Hyun Choi, Kee-Joon Lee. 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, Kee-Joon Lee. 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

Sung-Hwan Choi, Ji Yoon Jeon, Kee-Joon Lee, Chung-Ju Hwang. Clinical applications of miniscrews that broaden the scope of non-surgical orthodontic treatment. *Orthod Craniofac Res* 2020
DOI:10.1111/ocr.12452

Ju-Hyun Yoon, Jung-Yul Cha, Yoon Jeong Choi, Won-Se Park, Sang-Sun Han, Kee-Joon Lee. 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, Kee-Joon Lee. 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, Kee-Joon Lee. 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, Kee-Joon Lee. The 3-dimensional zone of the center of resistance of the mandibular posterior teeth segment. *Am J Orthod Dentofacial Orthop* 2019;156:365-74

Tae-Min Yoon, Sun-Hyung Park, Mi-Jeong Kwon, Kee-Joon Lee. Immunohistochemical study on the postnatal growth changes of the spheno-occipital synchondrosis and tibial cartilage. *APOS Trends in Orthodontics* 2019;9:149-155

Kee-Joon Lee, Sung-Jin Kim. Advanced biomechanics for total arch movement and non-surgical treatment for hyperdivergent faces. *Semin Orthod* 2018;24:83–94.

Kee-Joon Lee, 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.

Eui-Hyang Seong, Hee-Jin Kim, Hyung-Seog Yu, Young-Chel Park, Kee-Joon Lee. Finite element

analysis on the effect of the incorporation of miniscrews in palatal expanders. Kor J Ortho 2018;48(2):81-89

Byeong-Tak Keum, Sung-Hwan Choi, Yoon Jeong Choi, Hyoung-Seon Baik, Kee-Joon Lee. Effects of bodily retraction of mandibular incisors vs mandibular setback surgery on pharyngeal airway space: a comparative study. Kor J Ortho 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, Kee-Joon Lee. 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. Kor 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, Kee-Joon Lee, 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, Kee-Joon Lee, 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, Kee-Joon Lee. 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, Kee-Joon Lee. 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, Hyung-Seon Baik, Kee-Joon Lee. Mandibular molar protraction as an alternative treatment for edentulous spaces. J Amer Dent Assoc, 2015;140:820-829

Min-Kyung Kye, Young-Yuhn Choi, Kee-Joon Lee. The Correlation between temporomandibular joint symptoms and magnetic resonance imaging findings in German patients. Kor J Dent Sci 2015;8:16-27

Sung-Jin Kim, Jin-Wook Kim, Tae-Hyun Choi, Kee-Joon Lee. 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, Kee-Joon Lee. Distalization Pattern of Whole Maxillary Dentition According to Force Application Points (FEM). Kor J Orthod 2015;45:20-28

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

YJ Choi, HK Kim, KJ Lee, 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 Rehabilitation 2015;42:2-9

Yon-Jin Koo, Kyung-Keun Shi, Hyung-Seog Yu, Kee-Joon Lee. 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 Ling Orthod 2014;3:1-12

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

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

Chang-Su Kim, Kee-Joon Lee, 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

Sung-Jin Kim, Tae-Hyun Choi, Hyoung-Seon Baik, Young-Chel Park, Kee-Joon Lee. 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, Kee-Joon Lee. Timely Relocation of Subapically Impacted Maxillary Canines and Replacement of Ankylosed Mandibular Molar are the Keys to Eruption Disturbances in a Prepubertal Patient. *Am J Orthod Dentofac Orthop* 2014;145:228-37

TE Bechtold, KJ Lee, 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, Kee-Joon Lee. 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

Bechtold Till Edward, Jin-Wook Kim, Tae-Hyun Choi, Young-Chel Park, Kee-Joon Lee. Distalization Pattern of Maxillary Arch Depending on the Number of Miniscrews. *Angle Orthod* 2013;83:266-273

Chang-Su Kim, Kee-Joon Lee, 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 Jul;102(2):241-8

Yun-Jin Koo, Tae-Hyun Choi, Ji-Sung Jang, Kee-Joon Lee. 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, Kee-Joon Lee. Transverse Measurements and Their Correlations in the Posteroanterior Cephalometry and 3-dimensional Computed Tomography. *Kor J Ling Orthod* 2012;1:1-9

Tae-Hyun Choi, Kyung-Keun Shi, Young-Chel Park, Kee-Joon Lee. 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, Kee-Joon Lee. 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, Kee-Joon Lee. 3-D FEA on the Intrusion of Mandibular Anterior Segment Using Orthodontic Miniscrews. Kor J Orthod 2011;41(6):384-98

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

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

Kug-Ho Yu, Kee-Joon Lee, 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;138:540.e1-8; discussion 540-1

Kee-Joon Lee, Young-Soo Cho, Si-Pom Kim, Kwon-Hee Lee. Prediction of the Bending Effect of an Archwire for Orthodontics. J Kor Societ Manufac Process Eng 2010;9:95-100

Markus Bingmer, Volkan Özkan, Yong-min Jo, Kee-Joon Lee, Hyoung-Seon Baik, Gaby Schneider. A new concept for the cephalometric evaluation of craniofacial patterns (multiharmony). Eur J Orthod 2010;32:645-654

Yoon Jeong Choi, Kyung-Ho Kim, Kee-Joon Lee, Chooryung J Chung, Young-Chel Park. Radiographic evaluations of molar intrusion and changes with or without retention in rats. Angle Orthod 2011;81:389-96

Kee-Joon Lee, 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, Kee-Joon Lee, 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 Oct;138(4):396.e1-9; discussion 396-8

Kee-Joon Lee, 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, Kee-Joon Lee. Reproducibility and Reliability of Head Posture Obtained by the Outer Canthus Indicator. Kor J Orthod 2010 Apr; 40(02):77~86

Kee-Joon Lee, Euk Joo, Hyung-Seog Yu, Young-Chel Park. Restoration of an Alveolar Bone Defect Caused by an Ankylosed Mandibular Molar by Root Movement of the Adjacent Tooth Using Miniscrew Implants. Am J Orthod Dentofac Orthop 2009;136:440-9

Tae-Yeon Lee, Kee-Joon Lee, Hyoung-Seon Baik. Expression of IL-1 β , MMP-9 and TIMP-1 on the Pressure Side of Gingiva under Orthodontic Loading. Angle Orthod 2009;79:733-9

Yoon-Seob Lee, Hyoung-Seon-Baik, Kee-Joon Lee, Hyung-Seog Yu. The Structural Change in the Hyoid Bone and Upper Airway After Orthognathic Surgery for Skeletal Class III Anterior Open Bite Patients Using 3-dimensional Computed Tomography. Kor J Orthod 2009;39:72-82

Gwang-Mo Jeong, Sang-Jin Sung, Kee-Joon Lee, Youn-Sic Chun, Sung-Seo Mo. Finite-element Investigation of the Center of Resistance of the Maxillary Dentition. Kor J Orthod 2009;39:95-104

Nak-Chun Choi, Young-Chel Park, Yong-Min Jo, Kee-Joon Lee. Combined Use of Miniscrews and Clear Appliances for the Treatment of Bialveolar Protrusion without Conventional Brackets. Am J Orthod Dentofac Orthop 2009;135:671-81

Kee-Joon Lee, Euk Joo, Kee-Deog Kim, Jong-Suk Lee, Young-Chel Park, Hyung-Seog Yu. Computed Tomographic Analysis of Tooth-bearing Alveolar bone for Orthodontic Miniscrew Insertion. Am J Orthod Dentofac Orthop 2009;135:486-94

Woo-Sang Hwang, Mi-Sun Hur, Kyung-Seok Hu, Wu-Chul Song, Ki-Seok Koh, Hyoung-Seon Baik, Seong-Taek Kim, Hee-Jin Kim, Kee-Joon Lee. Surface Anatomy of the Lip Elevator Muscles for the Treatment of Gummy Smile using Botulinum Toxin. *Angle Orthod* 2009;79:70–77.

Yong-In Hwang, Kyu-Hong Lee, Kee-Joon Lee, Sang-Cheol Kim, Hyung-Jun Cho, Se-Hwan Cheon, Yang-Ho Park. Effect of Airway and Tongue in Facial Morphology of Prepubertal Class I, II Children. *Kor J Orthod* 2008;38(2):74-82

Kee-Joon Lee, Young-Chel Park, Woo-Sang Hwang, Eui-Hyang Sung, Uprighting Mandibular Second Molars with Direct Miniscrew Anchorage. *J Clin Orthod* 2007;10:627-35

Hyoung-Seon Baik, Kee-Joon Lee, Guang-Chun Jin, Hyung-Seog Yu. Comparison of the Shear Bond Strength of Brackets Using the LED Curing Light and Plasma Arc Curing Light: Polymerization Time. *World J Orthod* 2007;8:129-135

Nak-Chun Choi, Young-Chel Park, Han-Ah Lee, Kee-Joon Lee. Treatment of Class II Protrusion with Severe Crowding using Indirect Miniscrew Anchorage. *Angle Orthod* 2007;77:6:1109-1118

Joo-Young Park, Kee-Joon Lee. Treatment of Multitlated Dentition with Impacted Canine and Missing Mandibular Molars. *Journal of Yonsei Clinical Orthodontics* 2007;14:21-32

Kee-Joon Lee. A Critical Review on the Non-surgical Maxillary Expansion. *Journal of Yonsei Clinical Orthodontics* 2007;14:135-148

Sun-Hyung Park, Hyung-Seog Yu, Kee-Deog Kim, Kee-Joon Lee, Hyoung-Seon Baik. A Proposal for a New Analysis of Craniofacial Morphology by 3-dimensional Computed Tomography. *Am J Orthod Dentofacial Orthop* 2006;129:600e23-34

Kee-Joon Lee, Joo-Young Park, Young-Chel Park. En-Masse Distalization of Upper Dentition for the Correction of Class II Using Dual Orthodontic Miniscrews. *J Thai Assoc Orthod* 2006;5:33-38

Kee-Joon Lee, Hyun-Duck Nah, Stephen TJ Tjoa, Young-Chel Park, Hyoung-Seon Baik, Tae-Min Yun, Jin-Wook Song. Craniofacial Morphologic Alteration induced by bone-targeted Mutants of FGFR2 Causing Apert and Crouzon Syndrome. *Kor J Orthod* 2006;36(4):284-94

Kwang-Seok Ahn, Euk Joo, Ju-Young Park, Young-Kyu Ryu, In-Ho Cha, Kee-Joon Lee. Rapid Canine

Retraction in a Class II Bialveolar Protrusion Case Using Lingually Extended Distraction Screw. Kor J Orthod 2006;36(4):308-18

Jung-Yul Cha, Kee-Joon Lee, Sun-Hyung Park, Tae-Won Kim, Hyung-Seog Yu. Comparison of the Shear Bond Strength of Brackets in Regards to the Light Curing Source. Kor J Orthod 2006;36(3):198-206

Hwa-Jin Lee, Kee-Joon Lee, Hyoung-Seon Baik. A proposal of Soft Tissue Landmarks for Craniofacial Analysis Using 3-D Laser Scan Imaging. World J Orthod 2006;7:7-14

Euk Joo, Kee-Joon Lee. Treatment of Bialveolar Protrusion with Gummy Smile. Journal of Yonsei Clinical Orthodontics 2006;13:9-18

Kwang-Suk Ahn, Kee-Joon Lee. Treatment of Skeletal Class II Using Miniscrew Implants. Journal of Yonsei Clinical Orthodontics 2005;12:45-53

Kee-Joon Lee. Genes and Suture Development. Journal of Yonsei Clinical Orthodontics 2005;12:107-120

Kee-Joon Lee, Young-Chel Park, Hyung-Seog Yu, Seong-Ho Choi, Yun-Jung Yoo. Effects of Continuous and Interrupted Orthodontic Force on Interleukin-1 β (IL-1 β) and Prostaglandin E₂ (PGE₂) Production in Gingival Crevicular Fluid. Am J Orthod Dentofac Orthop 2004;125:168-77

Kee-Joon Lee, I-Ping Chen, Kwang-Kyun Park, Anna M. Osycka, David Diefenderfer, Phoebe S Leboy, Hyun-Duck Nah. FGF9 Repression of Msx2 Gene Expression Enhances Transcriptional Activity of Osteocalcin Gene (PhD thesis)

Hyoung S. Baik, Sung H. Jee, Kee J. Lee, Tae K. Oh. The Treatment Effects of FR III on Preadolescent Children with Class III Malocclusion. Am J of Orthod Dentofac Orthop 2004;125:294-301

Kee-Joon Lee, Chootima Ratisoontorn, Hyung-Seon Baik, Young-Chel Park, Kwang-Kyun Park, Hyun-Duck Nah. Generation of a Transgenic Mouse Model to Study Cranial Suture Development; Apert syndrome. Kor J Orthod 2003;33(6):485-97

Young-Kyu Ryu, Kee-Joon Lee, Chang-Hun Oh. The Effects of Maxillary Protraction Appliance (MPA) Depending on Vertical Facial Patterns. Kor J Orthod 2002;32:413-424

Byung-Wha Sohn, Kee-Joon Lee, Sung-Seo Mo. Study on Korean Skeletal Class III Craniofacial Pattern

by Counterpart Analysis. Kor J Orthod 2002;32(3):209-25

Kee-Joon Lee, Young-Kyu Ryu. The Accuracy of Video Imaging in Class III Surgery Patients. 1997 (Master's thesis).

Young Chel Park, Kee-Joon Lee, Hee Kyung Han, Jang-Yeol Lee
Semi-longitudinal Study on Growth and Development of Children Aged 6 to 17; Part II: Growth change of Craniofacial Soft Tissue. Korean J Orthod 1996;26;4:325-340

V. Invited lectures and Presentations

(2018-2020 needs update)

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/nons-gical 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. 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. 30. KAO Annual Congress, Seoul, Korea

Kee-Joon Lee. Effects of four-dimensional single tooth and total arch movement (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 non-surgical 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-orthodontic 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. VIDEAC, 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. II 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. Scorpions 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 6th 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 miniscrews-biomechanics 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 3rd 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 50th 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 3rd 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. 2nd 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 (GKOOOS), 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, Tübingen 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. 5th 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. 6th 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 (Pre-congress 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^R 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, Kee-Joon Lee, 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, Kee-Joon Lee. 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)

Kee-Joon Lee, Young-Chel Park, Jung-Yul Cha, Woo-Sang Hwang, Eui-Hyang Sung, Joo-Young Park.

Effective Treatment of Mesioangulated Mandibular Second Molars (Poster)

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

Kee-Joon Lee, 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, Kee-Joon Lee. 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 Autotransplantation 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, Kee-Joon Lee. 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, KJ Lee, HD Nah. Direct/indirect effects of a Crouzon Mutation (C278F-FGFR2) on cranial base/suture development. (poster)

IP Chen, KJ Lee, 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)