

List of Academic Exhibits

The 77th Annual Meeting of the Japanese Orthodontic Society

Presentatio n No.	Submission No.	Name of Author	Author's Institution	Title of Abstract	Category(1st Choice)
AE-001	20046	KIM Sujin	Department of Orthodontics, Gangnam Severance Hospital, Institute of Craniofacial Deformity, College of Dentistry, Yonsei University	Transverse dental compensation related to sagittal and transverse skeletal discrepancies in skeletal Class III patients	01. Craniofacial morphology
AE-002	20049	AHN Mi So	Department of Orthodontics, Pusan National University	Correlation between the cross-sectional morphology of mandible and facial skeletal pattern: A structural equation modeling	01. Craniofacial morphology
AE-003	20009	HONG HAIXIN	Department of Orthodontics, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University	B2-adrenergic antagonist butoxamine rescues the mandibular growth retardation caused by intermittent hypoxia in adolescent rats	02. Growth and development
AE-004	20014	AUNG PHYO Thura	Department of Orthodontic Science, Tokyo Medical and Dental University	Effect of decreased occlusal loading on cortically-induced rhythmic jaw-movements in growing rats	02. Growth and development
AE-005	20002	KIM SEONG SIK	Department of Orthodontics, Pusan National University Dental Hospital, Korea	Upper airway morphologic changes after mandibular setback surgery in skeletal class III malocclusion	03. Oral physiology
AE-006	20011	TERADA Kazuto	Orthodontic Dentistry, Nippon Dental University Niigata Hospital	Estimation of three-dimensional long axes of the first molars with regression analysis	05. Biomechanics
AE-007	20047	JANG Woowon	Department of Orthodontics, Gangnam Severance Hospital, Institute of Craniofacial Deformity, College of Dentistry, Yonsei University	Stability of miniscrew-supported tooth as an indirect anchorage	05. Biomechanics
AE-008	20020	QI JIAWEI	Division of Orthodontics and Dentofacial Orthopedics, Department of Translational Medicine, Tohoku University Graduate School of Dentistry	Establishment of orthodontic retention mouse model and inhibition of orthodontic relapse by anti-c-Fms antibody	06. Histology
AE-009	20022	SHEN Wei-Ren	Division of Orthodontics and Dentofacial Orthopedics, Department of Translational Medicine, Tohoku University Graduate School of Dentistry	Glucagon-like peptide-1 receptor agonist ameliorates lipopolysaccharide-induced osteoclast formation through inhibiting of TNF- α ; production in macrophages	06. Histology
AE-010	20004	WANG Ziyi	Department of Orthodontics, Okayama University Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences	Static force induces change of circadian clock genes in murine osteocytes might change sclerostin distribution	07. Biochemistry and molecular biology
AE-011	20008	KHUREL Tsendsuren	Department of Orthodontics and Dentofacial Orthopedics, Tokushima University Graduate School of Oral Sciences	The role of p21 on the development of TMJ-OA	07. Biochemistry and molecular biology
AE-012	20019	KANG Ji-in	Department of Orthodontics, Kyung Hee University	Development of dental pulp stem cell-derived micro bone tissue	07. Biochemistry and molecular biology
AE-013	20043	MARAHLEH Aseel	Tohoku University, Graduate School of Dentistry, Department of Orthodontics and Dentofacial Orthopedics	Investigation of the effect of TNF- α ; on RANKL expression in osteocytes	07. Biochemistry and molecular biology
AE-014	20007	CHOI Yeonju	Department of Orthodontics, Pusan National University Dental Hospital	Remineralization Property of an Orthodontic Primer Containing a Bioactive Glass with Silver and Zinc	08. Bio-materials
AE-015	20041	PARK Ji-Hoon	Department of Orthodontics, Seoul National University Dental Hospital	Comparison of computational performance and reliability between two learning algorithms in automated cephalometric landmark identification	09. Computer

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AE-016	20040	AKBUL UT Ayse Selenge	Department of Orthodontics, Kyung Hee University	Dental, Skeletal Characteristics of Orthodontic Patients with Deep Curve of Spee: Classification Using Cluster Analysis	13. Diagnosis
AE-017	20010	CHUN G Dong- Hwa	Department of Orthodontics, Dankook University	Three dimensional changes of lip and perioral regions following debonding of brackets	14. Orthodontic appliances and treatment mechanics
AE-018	20015	LEE Yoo- Sun	Department of Orthodontics, Seoul National University Dental Hospital	Differences in treatment effects between the Bionator and Teuscher appliance	14. Orthodontic appliances and treatment mechanics
AE-019	20016	NOH Soo- ji	Department of Orthodontics, Seoul National University Dental Hospital	Influence of construction bite on the treatment effects of Class II functional appliances	14. Orthodontic appliances and treatment mechanics
AE-020	20038	YU Jian- Hong	Department of Orthodontics, China Medical University Hospital Medical Center	Augmented Reality (AR) Bracketing	14. Orthodontic appliances and treatment mechanics
AE-021	20039	PONCE Betzy	Department of Orthodontics, China Medical University Hospital Medical Center	Influence of Direct Electric Heat Treatment to the Mechanical Properties of Ti-Ni Orthodontic Archwire	14. Orthodontic appliances and treatment mechanics
AE-022	20051	KIM Soo- yeon	Department of Orthodontics, Institute of Craniofacial Deformity, Yonsei University	Assessment of changes in nasal airway after nonsurgical miniscrew-assisted rapid maxillary expansion in young adults	14. Orthodontic appliances and treatment mechanics
AE-023	20050	JEONG Jeong- Hwa	Department of Orthodontics, Institute of Craniofacial Deformity, Yonsei University	Long-term stability of pre-orthodontic orthognathic bimaxillary surgery using intraoral vertical ramus osteotomy versus conventional surgery	15. Surgical-orthodontic treatment
AE-024	20013	YANG Wu	Orthodontic Science, Department of Orofacial Development and Function, Division of Oral Health Sciences, Graduate School, Tokyo Medical and Dental University	Lateral-functional-shift of rat mandible: The interaction of proteoglycan-4 with IHH and TGF- β 1 in condyle	16. TMD
AE-025	20023	WU Yuyun	Department of Maxillofacial Orthognathics, Graduate School, Tokyo Medical and Dental University	Combination of estrogen deficiency and excessive mechanical stress exacerbates TMJ-OA in mice	16. TMD
AE-026	20048	JANG Woowo- n	Department of Orthodontics, Gangnam Severance Hospital, Institute of Craniofacial Deformity, College of Dentistry, Yonsei University	Ectopic eruption of the maxillary second molar : predictive factors	18. Development of occlusion
AE-027	20003	KIM Sunghu- n	Department of Orthodontics, Pusan National University Dental Hospital	Basal arch form comparisons between cleft lip and palate group and normal group	21. Cleft lip and palate
AE-028	20025	KUROS AKA Hiroshi	Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, Osaka University	Retinoic-acid-induced cleft palate by regulating Sonic Hedgehog signaling	21. Cleft lip and palate
AE-029	20024	WU Yanran	Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, Osaka University	Investigating the role of retinoic acid signaling during upper incisor development	22. Congenital anomaly