

List of Academic Exhibits

The 75th Annual Meeting of The Japanese Orthodontic Society

Presentati on No.	Submission No.	Name of First Author	Name of Author's Institution	Title of Abstract	Category
AE-001	20030	SARPER Safiye E.	Department of Orthodontics and Dentofacial Orthopedics, Osaka University	Runx signaling is specifically involved in the fusion of primary palate by regulating Tgfb3 signaling	01. Craniofacial morphology
AE-002	20033	ADEL Mohamed	Department of Orthodontics, School of Dentistry, Showa University, Tokyo, Japan	Contribution of FGFR1 polymorphisms to craniofacial variations in Japanese and Korean populations	01. Craniofacial morphology
AE-003	20003	UCHIMA KOECKLIN Karin H.	Department of Orthodontic Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan	Contractile properties changes in the tongue-protruding muscles after nasal obstruction during late stages of growth	02. Growth and development
AE-004	20002	TANG Huan	Department of Orthodontic Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Tokyo, Japan	Effect of unilateral nasal obstruction on morphology of jaw-closing muscles in growing rat	04. Etiology and epidemiology
AE-005	20001	TSAI Chi-Yang	Department of Orthodontics, Taipei Medical University	Comparison of micro-osteoperforation and corticision on the rate of orthodontic tooth movement in rats	05. Biomechanics
AE-006	20012	TUAN Nguyen Anh	Department of Orthodontics and Dentofacial Orthopedics, Nagasaki University Graduate School of Biomedical Sciences	Analysis of force on brackets generated by NiTi archwires in leveling phase using FEM	05. Biomechanics
AE-007	20023	Lin Ting-Sheng	Department of Biomedical Engineering, I-Shou University	Investigation of anchorage condition in orthodontics by three-dimensional finite element analysis	05. Biomechanics
AE-008	20024	BAYARSAIKHAN Od	Department of Orthodontics and Dentofacial Orthopedics, Tokushima University Graduate School of Oral Sciences	Effectiveness of myostatin targeting siRNA and ActRIIB-Fc fusion protein in skeletal muscle mass	07. Biochemistry and molecular biology
AE-009	20015	HUNG Chih-Ying	Department of Orthodontics, China Medical University Hospital Medical Center, Taichung, Taiwan,	Fluoride release/recharge ability and cytotoxicity of a layered double hydroxide contained restorative system	08. Bio-materials
AE-010	20027	AHN SUG-JOON	Department of Orthodontics, Seoul National University	Antimicrobial and physical characteristics of orthodontic primers containing antimicrobial agents	08. Bio-materials
AE-011	20007	LEE Yeon-Ji	Department of Orthodontics, KyungHee University	Perioral soft tissue changes by 3D structured light scanner after non-surgical treatment for mandibular prognathism	09. Computer
AE-012	20010	WU FANG-CHUN	Department of Orthodontics, Applied Life Sciences, Hiroshima University, Institute of Biomedical & Health Sciences	Assessment of temporomandibular joint disorder in children with malocclusion using magnetic resonance (MRI)	10. Statistics

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AE-013	20029	DEGUCHI Toru	Division of Orthodontics, The Ohio State University	Three-dimensional quantitative analysis of alveolar bone before and after orthodontic treatment by CBCT evaluation	13. Diagnosis
AE-014	20006	Seo Kyung-Won	Department of orthodontics, Kyung Hee University	Effect of posterior tube angulation in antero-posterior lingual retractor appliance	14. Orthodontic appliances and treatment mechanics
AE-015	20025	Wonjae Lee	Department of Orthodontics, School of Dentistry, Pusan National University	Evaluation of fixed slow maxillary expansion in young adults by using cone-beam computed tomography	14. Orthodontic appliances and treatment mechanics
AE-016	20026	Gyeongho Kwak	Department of Orthodontics, School of Dentistry, Pusan National University	Quantitative evaluation of midpalatal suture maturation with fractal analysis	14. Orthodontic appliances and treatment mechanics
AE-017	20008	YANG Ji-Sun	Department of Orthodontics, Kyung Hee University	Three-dimensional soft tissue changes after two jaws surgery in mandibular prognathic patients	15. Surgical-orthodontic treatment
AE-018	20004	HUTAMI Islamy Rahma	Department of Orthodontics and Dentofacial Orthopedics, Tokushima University Graduate School of Oral Science	The role of osteoclast in the spontaneously developed temporomandibular joint arthritis of the MRL/lpr mice	16. TMD
AE-019	20009	KANAGUCHI ARITA Akemi	Department of Orthodontic Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan	Effects of low-intensity pulsed ultrasound stimulation on the mandibular condyle with osteoarthritis-like lesions	16. TMD
AE-020	20032	WANG Qi	Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, Osaka University	Retinoic-acid-induced cleft palate by regulating Sim2 and sonic hedgehog signaling	21. Cleft lip and palate
AE-021	20011	MITSUI Silvia Naomi	Department of Orthodontics and Dentofacial Orthopedics, Institute of Biomedical Sciences, Tokushima University Graduate School	Biological validation of tooth agenesis causing mutation using CRISPR/Cas system in mice	22. Congenital anomaly
AE-022	20013	FANG Chih-Yu	School of Dentistry, China Medical University, Taichung	The correlation between acupuncture and orthodontics: a study on mandibular movement	25. Deep bite
AE-023	20014	CHUNG Dong-hwa	Department of Orthodontics, Dankook University	Reliability and validity of mandibular posterior asymmetry index in panoramic radiography compared with cbct.	29. Asymmetry