

List of Academic Exhibits

The 78th Annual Meeting of The Japanese Orthodontic Society

Presentation No.	Submission No.	Name of Author	Name of Author's Institution	Title of Abstract	Category
AE-001	20013	KO Shih-Hsien	Department of Orthodontics, China Medical University Hospital Medical Center, Taiwan, (R.O.C.)	Re-evaluation of initial lateral cephalometric analyses from a retrospective examination	01. Craniofacial morphology
AE-002	20028	WU Yanran	Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, Osaka University	Retinoic acid deficiency results in midfacial defects with elevated apoptosis and decreased cell proliferation	01. Craniofacial morphology
AE-003	20031	KI Hye-Rim	Department of Orthodontics, Dankook University	Comparison of alveolar bone thickness in mandible between skeletal Class III and Class I malocclusions	01. Craniofacial morphology
AE-004	20032	TRAKANANT Supaluk	Division of Orthodontics, Niigata University Graduate School of Medical and Dental Sciences, Japan	MicroRNAs are involved in midfacial development	01. Craniofacial morphology
AE-005	20037	YOUNGIL KIM	Department of Orthodontics, Pusan National University Dental Hospital, Yongs	Relationship between the maxillofacial skeletal pattern and the morphology of the mandibular symphysis	01. Craniofacial morphology
AE-006	20038	KANG Minji	Dept. of Orthodontics, Gangnam Severance Dental Hospital, The Institute of Craniofacial Deformity, College of Dentistry, Yonsei University	CBCT analysis of lower anterior alveolar bone thickness in Class III regarding vertical skeletal pattern	01. Craniofacial morphology
AE-007	20039	KANG Minji	Dept. of Orthodontics, Gangnam Severance Dental Hospital, The Institute of Craniofacial Deformity, College of Dentistry, Yonsei University	Comparison of different midsagittal plane configurations for evaluating craniofacial asymmetry by expert preference	01. Craniofacial morphology
AE-008	20051	MITSUI Silvia Naomi	Department of Orthodontics and Dentofacial Orthopedics, Institute of Biomedical Sciences, Tokushima University Graduate School	Rogdi plays an important role during bone and enamel development	01. Craniofacial morphology

List of Academic Exhibits

The 78th Annual Meeting of The Japanese Orthodontic Society

Presentation No.	Submission No.	Name of Author	Name of Author's Institution	Title of Abstract	Category
AE-009	20025	YANG Shin-Sheng	Department of Orthodontic Sciences, Tokyo Medical and Dental University (TMDU) Graduate School	PQBP1, a splicing factor related to intellectual disability, affects skeletal development and bone structure	02. Growth and development
AE-010	20034	FAHIM Fady H.	Faculty of Dentistry, Cairo University	Palatally erupted maxillary lateral incisors may be a causative factor of mandibular deficiency	02. Growth and development
AE-011	20041	KIM Sujin	Dept. of Orthodontics, Gangnam Severance Dental Hospital, The Institute of Craniofacial Deformity, College of Dentistry, Yonsei University	Prediction of long-term success of orthopedic treatment in skeletal Class III malocclusion	02. Growth and development
AE-012	20015	TSAI Chi-Yang	Department of Orthodontics, Taipei Medical University Hospital	Masticatory hypofunction effects induced by BTXA injection of hippocampal neurons in developing rats	03. Oral physiology
AE-013	20023	JANG Hyo Jin	(Bio)medical Research Institute, Pusan National University Hospital, Busan, Republic of Korea	Effects of active mandibular exercise after orthognathic surgery: a non-randomized controlled trial	03. Oral physiology
AE-014	20052	THANT Lay	Division of Orthodontics, Niigata University Graduate School of Medical and Dental Sciences	Localization of type XII collagen and fibromodulin in periodontal ligament during orthodontic tooth movement	03. Oral physiology
AE-015	20026	BADRAKHKHUU Nomin	Department of Maxillofacial Orthognathics, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University	Association between malocclusion and academic performance among Mongolian adolescents	04. Etiology and epidemiology
AE-016	20056	GU Yebo	Section of Orthodontics, Division of Oral Health, Growth and Development, Faculty of Dental Science, Kyushu University	Chronic systemic exposure of PgLPS induces long bone loss and cognitive decline in middle-aged mice	04. Etiology and epidemiology

List of Academic Exhibits

The 78th Annual Meeting of The Japanese Orthodontic Society

Presentation No.	Submission No.	Name of Author	Name of Author's Institution	Title of Abstract	Category
AE-017	20057	KHUREL-OCHIR Tsendsuren	Department of Orthodontics and Dentofacial Orthopedics, Tokushima University Graduate School	Immunoregulatory role of p21 on the development of osteoarthritis in the temporomandibular joint	04. Etiology and epidemiology
AE-018	20000	EIHSUHLAING Ei	Department of Orthodontics, Okayama University Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences	Periodontal ligament fibroblast mechanotransduction: Intracellular Ca ²⁺ signaling in tooth movement-initiated alveolar bone remodeling	05. Biomechanics
AE-019	20027	BAEK Seung-Hak	Department of Orthodontics, School of Dentistry, Seoul National University	Effects of rewinding coil on reverse direction on the force-deflection characteristics of nickel-titanium closed-coil springs	05. Biomechanics
AE-020	20055	NGUYEN Tuan A	Department of Orthodontics and Dentofacial Orthopedics (Orthodontics) - Nagasaki University - Graduate School	Comparison of the mechanics of space closure between the reversed L-loop and the teardrop loop	05. Biomechanics
AE-021	20033	SHEN Weiren	Division of Orthodontics and Dentofacial Orthopedics, Tohoku University Graduate School of Dentistry	Local injections of high-dose diabetic medicine exendin-4 inhibit orthodontic tooth movement of mice	06. Histology
AE-022	20049	NUGRAHA Alexander Patera	Division of Orthodontics and Dentofacial Orthopedics, Department of Translational Medicine, Tohoku University Graduate School of Dentistry	C-X-C Receptor 7 Agonist as C-X-C Ligand 12 Inhibitor Ameliorates Osteoclastogenesis and Bone Resorption	06. Histology
AE-023	20050	MARAHLEH ASEEL	Orthodontics and Dentofacial Department, Tohoku University	TNF- α ; enhances osteocyte RANKL expression and promotes osteoclast formation during orthodontic tooth movement	06. Histology
AE-024	20014	WANG Ziyi	Department of Orthodontics, Okayama University Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences	Circadian rhythm impact mechanical force induced changes of spatial distribution of sclerostin	07. Biochemistry and molecular biology

List of Academic Exhibits

The 78th Annual Meeting of The Japanese Orthodontic Society

Presentation No.	Submission No.	Name of Author	Name of Author's Institution	Title of Abstract	Category
AE-025	20016	SEONGSIK Kim	Department of Orthodontics, Pusan National University Dental Hospital, Yangsan, Korea	Melatonin attenuates RANKL-induced osteoclastogenesis via inhibition of Atp6v0d2 through MAPK and NFATc1 signaling pathways	07. Biochemistry and molecular biology
AE-026	20022	MINSWE Nay Myo	Department of Maxillofacial Orthognathics, Division of Maxillofacial and Neck Reconstruction, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University	Aberrant activation of Wnt/ β -catenin signaling in the coronal sutures of an Apert syndrome mouse model	07. Biochemistry and molecular biology
AE-027	20036	WOOSUNG SON	Department of Orthodontics, Pusan National University Dental Hospital, Yangsan, Korea	Fluorinated bioactive Glass nanoparticles	08. Bio-materials
AE-028	20012	YU Jian-Hong	Department of Orthodontics, China Medical University Hospital Medical Center, Taiwan, (R.O.C.)	A study on augmented reality (AR) bracketing	09. Computer
AE-029	20029	HWANG Hye-Won	Department of Orthodontics, Seoul National University Dental Hospital, Seoul	Automated identification of cephalometric landmarks - accuracy and reliability	09. Computer
AE-030	20043	LIM SEUNG-WEON	Department of Orthodontics, Chonnam National University	Registration accuracy between intraoral-scanned crown and cone beam computed tomography-scanned crown in various registration methods	09. Computer
AE-031	20035	DEGUCHI Toru	The Ohio State University College of Dentistry	Accuracy of 3-dimensional printed models from intra-oral scanner and cone beam computed tomography	13. Diagnosis
AE-032	20045	GONZAGA Francine O.	UNIVERSITY Of BRASILIA - UnB Brazil	Electrodiagnosis of peripheral function for the evaluation of mastication in orthodontics: viability study of cases.	13. Diagnosis

List of Academic Exhibits

The 78th Annual Meeting of The Japanese Orthodontic Society

Presentation No.	Submission No.	Name of Author	Name of Author's Institution	Title of Abstract	Category
AE-033	20047	ALBUQUERQUE SOFIA W. C.	UNIVERSITY OF BRASILIA	Digital diagnosis in orthodontics: a qualitative research under the vision of specialists	13. Diagnosis
AE-034	20054	MACIEL Marcia	University of Brasilia	Kinematics for the evaluation of motor performance in the mastication of foods with different textures	13. Diagnosis
AE-035	20017	KAMEDA Takashi	Department of Orthodontics, Nippon Dental University at Niigata	Low temperature-polytetrafluoroethylene coating can improve metallic appearance of titanium wires without changing their mechanical property	14. Orthodontic appliances and treatment mechanics
AE-036	20030	SEO Bo-Yeon	Department of Orthodontics, Seoul National University	Dentoskeletal differences between mini-implant-assisted and tooth-borne rapid palatal expanders in adult orthodontic patients	14. Orthodontic appliances and treatment mechanics
AE-037	20040	KIM Sujin	Dept. of Orthodontics, Gangnam Severance Dental Hospital, The Institute of Craniofacial Deformity, College of Dentistry, Yonsei University	Periodontal consequences of mandibular incisor proclination during presurgical orthodontic treatment in Class III malocclusion patients	15. Surgical-orthodontic treatment
AE-038	20058	NCHATCHAWEACH Supakorn	Section of orthodontics and dentofacial orthopedics, Faculty of dental science, Kyushu university	Lateral maxillofacial characteristics in anterior and mediolateral disc displacement of temporomandibular joints among mandibular asymmetry	16. TMD
AE-039	20042	KIM Kyung-Ho	Dept. of Orthodontics, Gangnam Severance Dental Hospital, The Institute of Craniofacial Deformity, College of Dentistry, Yonsei University	Risk factors associated with open gingival embrasures after orthodontic treatment	19. Retention
AE-040	20044	RATSIRARISOA Tahina	Department of Orthodontics, Mahajanga University	Prevalence of supernumerary teeth in malagasy orthodontic patients	22. Congenital anomaly

List of Academic Exhibits

The 78th Annual Meeting of The Japanese Orthodontic Society

Presentation No.	Submission No.	Name of Author	Name of Author's Institution	Title of Abstract	Category
AE-041	20024	KAMARATIH Anindya	Department of Orthodontic Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Tokyo, Japan	Effect of anterior open bite on gastric emptying rate using solid meal	26. Open bite
AE-042	20018	KAMEDA Takashi	Department of Orthodontics, Nippon Dental University at Niigata	Development of an occlusion-training/rehabilitation assist robot preventing from oral frailty and its motion analysis	31. Others