

Poster Presentations



Date: Sep 24 & 25

Place: 5F Room 501 + 502

Communication Time

Each presenter is required standing by the poster

- Even-numbered poster boards: 15:30-15:45 on September 24 and 12:00-12:30 on September 25, both.
- Odd-numbered poster boards: 15:45-16:00 on September 24 and 12:30-13:00 on September 25, both.

ID	Poster Title and Presenters
Central Pain Mechanism	
EB1	<p>An ultrastructural evidence for the expression of P2X3 receptor in astrocytes in the rat trigeminal caudal nucleus</p> <p>School of Dentistry, Kyungpook National University, Department of Anatomy and Neurobiology¹⁾ Won Mah¹⁾, Sang Man Lee¹⁾, Yi Sul Cho¹⁾, Jin Young Bae¹⁾</p>
EB2	<p>Changes of insular cortical local circuits in the model rats that receive ablation of unmyelinated primary sensory fibers by capsaicin injection</p> <p>School of Dentistry, Nihon University, Department of Endodontics¹⁾ School of Dentistry, Nihon University, Department of pharmacology²⁾, Division of Oral and Craniomaxillofacial Research, Nihon University³⁾ Division of Advanced Dental Treatment, Dental Research Center, Nihon University⁴⁾ Shota Murayama¹⁾, Masayuki Kobayashi^{2,3)}, Bunnai Ogiso^{1,4)}</p>
EB3	<p>Changes of neural activity responding to dental pulp stimulation in an inferior alveolar nerve transection model</p> <p>Nihon University School of Dentistry, Department of Pharmacology¹⁾ Nihon University School of Dentistry, Department of Pediatric Dentistry²⁾, Nihon University School of Dentistry, Department of Orthodontics³⁾ Satoshi Fujita¹⁾, Risako Kato¹⁾, Hiroko Nakamura²⁾, Mari Kaneko³⁾, Masayuki Kobayashi¹⁾</p>
EB4	<p>Spatiotemporal profiles of cortical excitation induced by mechanical stimulation of the periodontal ligament during experimental tooth movement</p> <p>Nihon University School of Dentistry, Orthodontics¹⁾ Nihon University School of Dentistry, Pharmacology²⁾ Mari Kaneko^{1,2)}, Eri Horinuki^{1,2)}, Noriyoshi Shimizu¹⁾, Masayuki Kobayashi²⁾</p>
EB5	<p>Peripheral interactions between cannabinoid and opioid receptor agonists in a model of inflammatory mechanical hyperalgesia</p> <p>University of Maryland School of Dentistry, Neural and Pain Sciences¹⁾ Kyung Hee University, School of Dentistry, Oral Medicine²⁾ Q-Schick Auh²⁾, Yang Hyun Chun²⁾, Ohannes K Melemedjian¹⁾, Jin Y Ro^{1,2)}</p>
EB6	<p>Unknown transcripts regulated by capsaicin application in rat trigeminal ganglion</p> <p>Matsumoto Dental University Hospital¹⁾, Matsumoto Dental University, Oral Anatomy & Neuroscience²⁾ Emi Ohki¹⁾, Masayo Okumura²⁾, Osamu Tadokoro²⁾, Eiji Kondo²⁾</p>

Peripheral Pain Mechanism	
EC1	<p>First statistical analysis of 1,005 patients diagnosed at an Orofacial Pain-Liaison Clinic</p> <p>Shizuoka City Shimizu Hospital, Department of Oral Surgery¹, Tokyo Women's Medical University Medical Center East² Hiroko Ikeda¹, Masako Ikawa¹, Kazuo Yamada², Aya Michibara¹, Kouji Takamori¹, Shinobu Ikeuchi¹</p>
EC2	<p>Prevalence and associated factors of orofacial pain in children and adolescents: a questionnaire study</p> <p>Faculty of Dentistry, Trisakti University, Prosthodontics¹, Academic Center of Dentistry Amsterdam, Oral Kinesiology² Carolina Marpaung^{1,2}, Maurits van Selms², Frank Lobbezoo²</p>
Statistics	
EC3	<p>The use of pre-treatment analgesia by patients receiving root-canal-treatment in the National Dental Practice-Based Research Network</p> <p>University of Minnesota, School of Dentistry, Div of TMD and Orofacial Pain¹, University of Minnesota, School of Medicine, Neurology², HealthPartners Institute for Education and Research³, University of Minnesota, School of Dentistry, Division of Endodontics⁴, The Dental Specialists, Private Practice⁵, University of Minnesota, School of Public Health, Division of Epidemiology and Community Health⁶ Flavia P Kapos¹, Donald R Nixdorf^{1,2,3}, Alan S Law^{4,5}, Ruby H Nguyen⁶</p>
Case Report	
EC4	<p>Orofacial pain and headache attributed to acute glaucoma</p> <p>Nihon University School of Dentistry, Department of Oral Diagnostic Sciences¹, Nihon University Dental Hospital, Division of Orofacial Pain Clinic² Mariko Ikeda^{1,2}, Noboru Noma^{1,2}, Yoshiki Imamura^{1,2}, Naohiko Sekine^{1,2}, Ryutaro Kohashi^{1,2}</p>
EC5	<p>Facial pain induced by narrowing of the parotid duct: Two case report</p> <p>Nihon University School of Dentistry, Department of Oral Diagnostic Sciences¹, Tomomi Yamadera¹, Akiko Okada¹, Haruna Kono¹, Ryutarou Kohashi¹, Yoshiki Imamura¹</p>
EC6	<p>A study on recurrent orofacial pain after neurovascular decompression surgery for trigeminal neuralgia</p> <p>Nihon University School of Dentistry, Department of Oral Diagnostic Sciences¹ Haruna Kono¹, Akiko Okada¹, Tomomi Yamadera¹, Yuka Sato¹, Yoshiki Imamura¹</p>
EC7	<p>Orofacial pain due to Eagle's syndrome and temporomandibular disorders: A case report</p> <p>Kyung Hee University School of Dentistry, Orofacial Pain and Oral Medicine¹ Mi-Jin Hwang¹, Yeon-Hee Lee¹, Q-Schick Auh¹, Jung-Pyo Hong¹, Yang-Hyun Chun¹, Soo-Kyung Kang¹</p>
EC8	<p>A case of giant-cell (temporal) arteritis that presented difficulty in diagnosis</p> <p>Keio University, School of Medicine, Department of Dentistry and Maxillofacial Surgery¹, Showa University, School of Dentistry, Department of Oral and Maxillofacial Surgery², Kawasaki Municipal Ida Hospital, Department of Dentistry & Oral surgery³ Hitoshi Sato^{1,2}, Mariko Inoue¹, Hironori Saisu¹, Wataru Muraoka³, Tastuo Shirota², Taneaki Nakagawa¹, Koichi Wajima¹</p>

Sleep	
EC9	<p>Evaluation of the compliance and sleep quality of oral appliances fabricated by different materials for patients with OSAS: A pilot study</p> <p>Kyushu Dental University, Division of Occlusion & Maxillofacial Reconstruction¹⁾ Eri Makihara¹⁾, Ryuichiro Miyajima¹⁾, Toshihiro Kawano¹⁾, Shogo Tsuda¹⁾, Yoshito Shima¹⁾, Takafumi Watanabe¹⁾, Shin-ichi Masumi¹⁾</p>
EC10	<p>Sleep related breathing disorders treatment of temporo-mandibular disorders patient with anterior repositioning splint: A case report</p> <p>Kyung Hee University School of Dentistry, Orofacial Pain and Oral Medicine¹⁾, Tok Talk Dental Clinic²⁾ Jin-Suk Kim^{1,2)}, Mi-Jin Hwang¹⁾, Chi-Hyuk Ahn¹⁾, Yeon-Hee Lee¹⁾, Q-Schick Auh¹⁾, Yang-Hyun Chun¹⁾, Jung-Pyo Hong¹⁾, Soo-Kyung Kang¹⁾</p>
BMS	
EC11	<p>Evaluation of sleep quality using self-reported questionnaires in patients with burning mouth syndrome</p> <p>School of Dentistry, Chonbuk National University, Department of Oral Medicine¹⁾, School of Dentistry, Chonbuk National University, Institute of Oral Bioscience²⁾ Jung-Yong Jin¹⁾, Bong-Jik Suh^{1,2)}, Kyung-Eun Lee^{1,2)}</p>
EC12	<p>Trigger point injection of the anterior belly of digastric muscle for burning mouth syndrome: A case report</p> <p>Kyung Hee University, School of Dentistry, Oral Medicine¹⁾ Chi-Hyuk Ahn¹⁾, Mi-Jin Hwang¹⁾, Yeon-Hee Lee¹⁾, Soo-Kyung Kang¹⁾, Q-Schick Auh¹⁾, Yang-Hyun Chun¹⁾, Jung-Pyo Hong¹⁾</p>
EC13	<p>Spatial and temporal brain responses to noxious heat thermal stimuli in burning mouth syndrome</p> <p>Nihon University School of Dentistry, Department of Oral Diagnostic Sciences¹⁾ Takahiro Shinozaki¹⁾, Ryutaro Kohashi¹⁾, Akiko Okada¹⁾, Noboru Noma¹⁾, Yoshiki Imamura¹⁾</p>
EC14	<p>Heat, capsaicin sensation and TRPV1 genome SNPs in human</p> <p>Matsumoto Dental University, Oral Anatomy & Neuroscience¹⁾, Matsumoto Dental University Hospital²⁾ Nozomu Okamoto¹⁾, Masayo Okumura¹⁾, Emi Ohki²⁾, Osamu Tadokoro¹⁾, Eiji Kondo¹⁾</p>
Saliva	
EC15	<p>Metabolomic profiling in saliva of healthy Malaysian adults</p> <p>University of Technology MARA, Oral Medicine¹⁾, Hospital Sultan Haji Ahmad Shah Dentistry²⁾, Bundaberg Base Hospital, General Medicine³⁾, International Medical University, School of Pharmacy⁴⁾, Bruker (Malaysia) Sdn Bhd⁵⁾ Yoshinobu Shoji¹⁾, Han Hing Lee²⁾, Lee Chee Yen³⁾, Chee Onn Leong⁴⁾, Iven Yap⁴⁾, Chin Hoe Teh⁵⁾</p>
EC16	<p>Factors influencing on the xerostomia symptom in the patients with temporomandibular disorder</p> <p>Kyungpook National University, Dental Hospital, Department of Oral Medicine¹⁾ Ki-Mi Kim¹⁾, Jin-Seok Byun¹⁾, Jae-Kwang Jung¹⁾</p>
EC17	<p>MRI diagnosis of 1526 TMJs: disc displacements and osteoarthritis</p> <p>Osaka University Graduate School of Dentistry, Fixed Prosthodontics¹⁾ Ryota Takaoka¹⁾, Daisuke Moriguchi¹⁾, Yukiko Koishi¹⁾, Yuki Senzaki¹⁾, Koichiro Uno¹⁾, Shoichi Ishigaki¹⁾, Hirofumi Yatani¹⁾</p>

EC18	TMJ degenerative changes as an occult finding in Cone-beam CT scans for routine dental assessment Facial Pain and Sleep Center (Private Practice) ¹⁾ , Columbia University ²⁾ , Aristotle University ³⁾ , University of Geneva ⁴⁾ Ghabi Kaspo ¹⁾ , Christos Angelopoulos ²⁾³⁾ , Stavros Kiliaridis ⁴⁾
EC19	The long-term effect of anterior reposition splint for temporomandibular joint disc displacement with reduction Mackay Memorial Hospital , Department of Prosthodontics ¹⁾ , Mackay Memorial Hospital , Department of Radiology ²⁾ Huey-Yuan Wang ¹⁾ , Sho-Jen Cheng ²⁾
EC20	Therapeutic mouth rehabilitation training improves maximal interincisor opening and alleviates pain in temporomandibular joint disorder patients College of Medicine, Korea University, Dept of Oral and Maxillofacial Surgery ¹⁾ Aaron Besana ¹⁾ , Hak-Gi Lee ¹⁾ , Ho Kyeong Lim ¹⁾ , Choi Hyok ¹⁾ , Eui Seok Lee ¹⁾
Tests	
EC21	Repeatability of measurements of surface EMG variables during maximum voluntary contraction of the temporalis and masseter muscles in normal adults Chonnam National University Dental Hospital, Gwangju, Korea, Department of Oral Medicine ¹⁾ , GnS International, Daejeon, Korea ²⁾ , Gwangju Health College, Gwangju, Korea, Department of Dental Hygiene ³⁾ , School of Dentistry, Chonnam National University, Gwangju, Department of Dental Education ⁴⁾ , School of Dentistry, Chonnam National University, Gwangju, Korea, Department of Oral Medicine ⁵⁾ Yeong-Gwan Im ¹⁾ , Sang-Ho Han ²⁾ , Ji-Il Park ³⁾ , Hoi-Soon Lim ⁴⁾ , Byung-Gook Kim ⁵⁾ , Jae-Hyung Kim ⁵⁾
EC22	A novel test for assessing oral stereognosis ability - methods and preliminary results School of Dentistry, National Yang-Ming University, Department of Dentistry ¹⁾ , School of Dentistry, National Yang-Ming University, Department of Dentistry ²⁾ Kai-Hsiang Chuang ¹⁾ , Chia-shu Lin ²⁾
EC23	Analyzing relationship between jaw stiffness and heart rate variability Keio University, Department of Dentistry and Oral Surgery ¹⁾ Kawasaki Municipal Ida Hospital Department of Dentistry and Oral Surgery ²⁾ Showa University Department of dentistry and oral surgery ³⁾ Kanako Munakata ¹⁾ Wataru Muraoka ^{1,2)} Hitoshi Sato ³⁾ Hironori Saisu ¹⁾ Sho Usuda ¹⁾ Mariko Inoue ¹⁾ Taneaki Nakagawa ¹⁾ Koichi Wajima ¹⁾
EC24	Validation of the Indonesian version of the oral health impact profile for TMDs (OHIP-TMDs-ID) Prosthodontic Universitas Indonesia ¹⁾ , Vivi Wira ¹⁾ , Laura S Himawan ¹⁾ , Ira Tanti ¹⁾ , Nina Ariani ¹⁾