

5月18日(日) [第4会場]

May 18th (Sun.) Room 4 (Meeting Room 101 (C))

■ 13 : 30 ~ 14 : 10 Oral Presentation (International) 1

Removable Prosthodontics, Fixed Partial Denture

Chairperson: Akiko Shimada (Osaka Dental University)

- IO-1 Changes in the flexural strength and surface characteristics of different zones of multilayered translucent zirconia on aging
○ Jeong-Min Ham¹⁾, Yu-Sung Choi¹⁾, Jong-Hyuk Lee¹⁾, Seung-Ryong Ha²⁾, Myung-Sik Hong²⁾, Jong-Min Lee¹⁾, Min-Woo Chu¹⁾, Hyo-Jung Kim¹⁾
(¹⁾Department of Prosthodontics, College of Dentistry, Dankook University, ²⁾Department of Prosthodontics, Dankook University Jukjeon Dental Hospital)
- IO-2 Dental Polyetheretherketone (PEEK) bonding bridge repair of missing right upper central incisor tooth : a case report
○ Sa Sun^{1,2)}, Jie Liu^{1,2)}
(¹⁾School of Stomatology, Qingdao University, ²⁾Department of Stomatology, The Affiliated Hospital of Qingdao University, Qingdao University)
- IO-3 *In silico* analysis of resin-bonded fixed dental prostheses fabricated by strength-gradient multilayered zirconia
○ Okkar Kyaw¹⁾, Masanao Inokoshi^{2,3)}, Satoshi Yamaguchi⁴⁾, Manabu Kanazawa^{1,5)}
(¹⁾Department of Gerodontology and Oral Rehabilitation, Graduate School of Medical and Dental Sciences, Institute of Science Tokyo, ²⁾Department of Oral Devices and Materials, Graduate School of Medical and Dental Sciences, Institute of Science Tokyo, ³⁾Oral Science Center, Institute of Science Tokyo, ⁴⁾Department of Dental Biomaterials, Graduate School of Dentistry, Osaka University, ⁵⁾Clinic of General, Special Care and Geriatric Dentistry, Center for Dental Medicine, University of Zurich)
- IO-4 Evaluation of Flexural strength of denture base resin using 3D printed zirconia mesh reinforcement
○ Eun Bin Choi, Chang Mo Jeong, Mi Jung Yun, Jung Bo Huh, So Hyun Lee, Dae Sung Kim (Pusan National University Prosthodontics)

■ 14 : 10 ~ 14 : 40 Oral Presentation (International) 2 Biology, material

Chairperson: Guang Hong (Tohoku University)

- IO-5 Ce-BNC induced metal charge transfer mimicking Bioenzyme activity for chronic wound healing
○ Xiao Min Xia^{1,2)}, Xue Li^{1,2)}, Jie Liu^{1,2)}
(¹⁾The Affiliated Hospital of Qingdao University, ²⁾Qingdao University)
- IO-6 Rapid polymerizing pH-responsive multifunctional hydrogel for periodontal disease treatment and periodontal bone regeneration
○ Rui Mu¹⁾, Yingnan Tian²⁾, Shijia Huang¹⁾, Minxin He¹⁾, Lei Jin^{1,2)}
(¹⁾Department of Orthodontics & Prosthodontics, The Second Affiliated Hospital of Zhejiang University School of Medicine, ²⁾Department of Stomatology, The First Affiliated Hospital of Nanjing Medical University)
- IO-7 Multi-method Assessment of Inter-rater Reliability in Dental Implant Stability Measurements
○ So Young Cho, Jungbo Huh, Changmo Jeong, Mijung Yun, Sohyoun Lee, Daesung Kim (Pusan National University Dental Hospital Prosthodontics)

■ 14 : 40 ~ 15 : 20 Oral Presentation (International) 3 Others

Chairperson: Masaru Kaku (Niigata University)

- IO-8 The effect of video games on temporomandibular disorders in junior and senior high school students
○ Fares Moustafa¹⁾, Akira Nishiyama²⁾, Hiroyuki Ishiyama¹⁾, Kenji Fueki¹⁾
(¹⁾Graduate School of Medical and Dental Science, Department of Masticatory Function and Health Science, Institute of Science Tokyo, ²⁾Graduate School of Medical and Dental Science, Department of General Dentistry, Institute of Science Tokyo)
- IO-9 Objective evaluation in dental digital sculpting education
○ Juan Marcelo Rosales, Kaori Eguchi, Masaru Kaku
(Division of Bio-Prosthodontics, Faculty of Dentistry & Graduate School of Medical and Dental Sciences, Niigata University)
- IO-10 Revolutionizing the Fabrication of Implant-Supported Complete-Arch Prosthesis with Intraoral Scanners
○ Yoshiatsu Tanaka, Hajime Hirata, Yoshihiro Tanaka
(Tohoku/Hokkaido Branch)
- IO-11 Analyzing the changes of transplanted and recipient bone tissues focusing on osteocyte network reconstruction and bone quality
○ Nila Tun, Masako Nagasawa, Tong Tong Zhang, Katsumi Uoshima
(Division of Bio-Prosthodontics, Graduate School of Medical and Dental Science, Niigata University)