
Table of Contents

January-June 2019 Volume 19 Issue 1

- 1 Effects of hydrophilic and hydrophobic surface modifications on poly(methyl methacrylate) denture base resins**
Shigeki Mitsuda, Satoshi Ino, Tomotaro Nihei, Yasushi Umeda, Mitsuhiro Watanabe, Osamu Takai, and Hideo Honma
(published online, March 1, 2019)

- 9 Evaluation of cleaning efficacy-related properties of root canal irrigant activation using a computer-controlled hot tip powered with a diode laser**
Tomoyuki Hongo, Satoshi Watanabe, Kanako Yao, Kazuhisa Satake, and Takashi Okiji
(published online, April 1, 2019)

- 17 Suppression of opportunistic infectious bacteria by lactic acid bacteria and antibacterial drugs**
Takuya Nakano, Susumu Imai, Takumi Ishikawa, Tomohiko Terai, Takekazu Okumura, Nobuhiro Hanada, and Hiroshi Kawahara
(published online, April 16, 2019)

- 27 Dental treatment service supplement in four townships in Chin state in Myanmar**
Ryoko Otsuka, Yoshiaki Nomura, Sasara Ebara, Pa Kar, Nang Khab Lian, Thang Hau Mung, Niang Hu Ching, Pau Lam Thawn, Zaw Myint Naing, Ryo Hasegawa, Khin Maung, and Nobuhiro Hanada
(published online, May 1, 2019)

- 33 Change of dentin surface by low-power irradiation of erbium-doped yttrium aluminum garnet laser**
Akira Nakane, Masayuki Otsuki, and Junji Tagami
(published online, May 1, 2019)

- 39 Effect of radiotherapy on resin composite adaptation to the cavity wall and elastic modulus of dentin**
Takako Yoshikawa, Makoto Arakawa, and Junji Tagami
(published online, May 16, 2019)

- 45 Real time measurement of stress by electroencephalogram during contentious mouth opening**
Ryoko Otsuka, Yoshiaki Nomura, Ayako Okada, Masahide Uraguchi, Hisanori Tadokoro, Tetsuya Nagai, Yoshihito Fujii, Masahiro Miura, Ryo Kawachi, Masashi Yamamoto, Taketoshi Wakana, and Nobuhiro Hanada
(published online, June 1, 2019)

July-December 2019 Volume 19 Issue 2

- 51 Micrographic and spectroscopic analyses of the application of methyl methacrylate-*p*-styrene sulfonic acid copolymer-based desensitizing agents to bovine dentin**
Atsushi Kameyama, Akiko Haruyama, Yuichi Nakazawa, Masahiro Furusawa, and Takashi Muramatsu
(published online, July 16, 2019)
- 59 Effect of light curing method and thermal cycling on resin composite adaptation to the cavity wall**
Takako Yoshikawa, Alireza Sadr, and Junji Tagami
(published online, September 30, 2019)
- 65 Bonding of auto-polymerized poly(methyl methacrylate) resin to polyamide thermoplastic resin**
Hidemasa Shimpo and Chikahiro Ohkubo
(published online, October 16, 2019)
- 71 Stress distribution in crown and root dentin associated with different crown materials and thicknesses**
Chiharu Shin, Daizo Okada, Reiko Ogura, Ling Huang, Kunihiko Mizusawa, Keiichi Yoshida, and Hiroyuki Miura
(published online, December 1, 2019)
- 77 Medical-dental and hospital-clinic collaboration in Iwate Prefecture in Japan**
Ayako Okada, Yoshiaki Nomura, Erika Kakuta, Ryoko Otsuka, Hiroshi Maekawa, Hideki Daikoku, Nobuhiro Hanada, and Tamotsu Sato
(published online, December 1, 2019)