

Table of Contents

March 2009 Volume 9 Issue 1

- 1 **A 3D finite element analysis of stress in the interphase of restoration-tooth structure due to polymerization shrinkage**
Shuiwen Zhu, Jianping Fan, and Cheng Wang
- 9 **Dimensional accuracy of autopolymerized resin applied using the brush-on technique**
Shigeru Hanatani, Naoyuki Shibuya, DMD, Ema Muraishi, Daigo Hayashi, Tomoko Osada, Yohei Sato, Chikahiro Ohkubo, and Toshio Hosoi
- 15 **A three-unit posterior resin-bonded fixed partial denture seated one year after extraction of second molar: A clinical report**
Hiroyasu Koizumi, Naomi Tanoue, Daisuke Nakayama, Takaya Ishii, and Hideo Matsumura

June 2009 Volume 9 Issue 2

- 19 **Fusion of inorganic materials to enamel and porcelain surfaces with Nd:YAG laser**
Akinori Nagasawa, Hiroyasu Koizumi, Daisuke Nakayama, Hiromasa Kazama, Hideo Matsumura, and Koji Nishikawa
- 23 **Effect of surface abrasion and silica coating on tensile bond strength of a resin cement to zirconia ceramics**
Lei Zhu, Toru Nikaido, Shuzo Kitayama, Masaomi Ikeda, Richard M. Foxton, and Junji Tagami
- 31 **ICJD News**

September 2009 Volume 9 Issue 3

- 33 **Handling efficiency of autopolymerized resin applied using the brush-on technique**
Yasunori Suzuki, Hikari Chiba, Natsuko Kamada, Daisuke Kurihara, Yukari Kanki, Yoshiya Miyama, Toshio Hosoi, and Chikahiro Ohkubo
- 39 **Seven-year clinical evaluation of indirect restorations made of the Estenia composite**
Hideaki Shiono, Hiroyasu Koizumi, Masakazu Hirata, Michiya Ayano, Daisuke Nakayama, and Hideo Matsumura
- 44 **ICJD News**

December 2009 Volume 9 Issue 4

- 45 Effect of convergent light-irradiation on microtensile bond strength of resin composite to dentin**
Shinichiro Ogisu, Ryuzo Kishikawa, Alireza Sadr, Kazunari Matoba,
Norimichi Inai, Masayuki Otsuki, and Junji Tagami
- 55 Effects of alkali-ion water on single species *Streptococcus mutans* biofilm**
Mariko Gyo, Ayako Okada, Masahiro Ono, Junji Tagami, and Khairul Matin
- 61 Cariogenic biofilms can develop secondary caries within a week time in an undisturbed condition in vitro indicating high caries risk**
Fahimeh Hayati, Ayako Okada, Junji Tagami, and Khairul Matin