# Table of Contents

## March 2007  Volume 7  Issue 1

1. **Effect of resin-coating technique on coronal leakage inhibition in endodontically treated teeth**  
   Rena Maruoka, Toru Nikaido, Masaomi Ikeda, Richard M. Foxton, and Junji Tagami

7. **Regulation of osteoprotegerin and receptor activator of nuclear factor-kappa B ligand by interleukin-10 in human dental follicle cells**  
   Hong Qian, Xuepeng Chen, Yingchun Bi, Yan Wang, Yinzhong Duan, and Zuolin Jin

15. **Model-based biomechanical dental implant optimization in bone-implant system**  
   Jian-Ping Geng, Wei Xu, and Wei-Qi Yan

23. **A three-dimensional finite element analysis of a tilted molar as a fixed partial denture abutment**  
   Jun Jia, Yuanyuan Duan, Shao Feng Zhang, Jipeng Liu, Lei Jin, and Jianxue Zhou

27. **The difference of antibacterial effect of neem leaves and stick extracts**  
   Widowati Siswomihardjo, Siti Sunarintyas Badawi, Masahiro Nishimura, and Taizo Hamada

31. **Importance of diagnosis by computer tomography for mini dental implants planning: A clinical report**  
   Masahiro Nishimura, Shinsuke Sadamori, Fumio Suehiro, Kensuke Sekiya, Haruki Nishimura, and Taizo Hamada

## June 2007  Volume 7  Issue 2

35. **Expression and effect of tumor necrosis factor-α in human dental follicle cells in vitro**  
   Yingchun Bi, Zhu Lin, Zuolin Jin, Hong Qian, Xuepeng Chen, Yongkuan Zhang, and Xueying Han

43. **Quantitative analysis of occlusal force balance in intercuspal position using the Dental Prescale system in patients with temporomandibular disorders**  
   Shinsuke Sadamori, Hiroo Kotani, Hitoshi Abe kura, and Taizo Hamada

48. **Preparatory Meeting of the 3rd International Congress on Adhesive Dentistry**  
   Ji-hua Chen

49. **Color stability against accelerated aging of alumina- and leucite-based ceramic materials**  
   Jing Cao, Hui-ming He, and Zhong-yi Wang
September 2007 Volume 7 Issue 3

53  In-vitro study of the fracture resistance of denture base resin with resilient reline material  Satoshi Ino, Toshihiko Tamura, Ken Odagiri, Naho Hamano, Tomonaga Watanabe, Yuki Katsumata, Satoru Hojo, and Minoru Toyoda

59  Upstream stimulatory factor 1 regulates OPN mRNA expression in odontoblasts  Li-an Wu, Ling-ying Wen, Fu-sheng Yang, and Xiao-jing Wang

64  Invitation to the 3rd International Congress on Adhesive Dentistry  Ji-hua Chen

65  Cast rest joint used as a movable connector between single restoration and adjacent pontic  Atsushi Mikami, Hiroyasu Koizumi, Yumi Ishikawa, Naomi Tanoue, and Hideo Matsumura

December 2007 Volume 7 Issue 4

69  In vitro pulp chamber temperature rise during fabrication of provisional restorations on different types of teeth  Chao Xie, Zhong-yi Wang, Hui-ming He, and Ying Han

75  A detachable silicon obturator fitted after bilateral maxillectomy: A clinical report  Yohsuke Taira, Souichi Yanamoto, Goro Kawasaki, Shinichi Yamada, and Mitsuru Atsuta

79  Potency of ozonated alkali-ion water in inactivating cariogenic bacteria  Ayako Okaka, Toru Nikaido, Mariko Gyo, Kanako Shida, Junji Tagami, and Khairul Matin

87  Non-vascularized bone isograft using GFP transgenic mice  Cheng Lin, Bao-lin Liu, Yan-pu Liu, Xiao-hui Liu, Xiao-guang Hu, Yan-liang Wang, and De-lin Lei