CONTENTS

Review

Clinical indices for orthodontic mini-implants
Mitsuru Motoyoshi ................................................................. 407

Original

Degradation resistance of silorane, experimental ormocer and dimethacrylate resin-based dental composites
Luis Felipe J. Schneider, Larissa Maria Cavalcante, Nick Silikas and David C. Watts ......................................................... 413

Spectrophotometric analysis of the expression of secreted aspartyl proteinases from Candida in leukoplakia and oral squamous cell carcinoma
Shweta Rehani, Nirmala N. Rao, Anjali Rao, Sunitha Carmelio, Suma H. Ramakrishnaiah and Peralam Y. Prakash ................. 421

Estimation of serum beta carotene levels in patients with oral submucous fibrosis in India
Ashish Aggarwal, Arvind Shetti, Vaishali Keluskar and Anjana Bagewadi ................................................................. 427

Prevalence of bifid mandibular condyle in a Turkish population
Halil Sahman, Ahmet E. Sekerci, Elif T. Ertas, Meryem Etoz and Yildiray Sisman ................................................................. 433

Asymptomatic radiopaque lesions of the jaws: a radiographic study using cone-beam computed tomography
Masao Araki, Naoyuki Matsumoto, Kunihiito Matsumoto, Masaaki Ohnishi, Kazuya Honda and Kazuo Komiyama ................. 439

Genetic polymorphism of MUC7 in individuals with aggressive or chronic periodontitis

Asymptomatic oral human papillomavirus (HPV) infection in women with a histopathologic diagnosis of genital HPV
Andrea P. Peixoto, Gubio S. Campos, Leila B. Queiroz and Silvia I. Sardi ................................................................. 451

The effect of orally administered ketamine on requirement for anesthetics and postoperative pain in mandibular molar teeth with irreversible pulpitis
Nasser Kaviani, Abbasali Khademi, Iraj Ebtehaj and Zahed Mohammadi ................................................................. 461

Genetic polymorphism of Fcγ-receptors IIa, IIIa and IIIb in South Indian patients with generalized aggressive periodontitis
Veenu Madaan Hans and Dhoom Singh Mehta ................................................................. 467

Intravascular papillary endothelial hyperplasia of the oral cavity
Harumi Inoue, Yuji Miyazaki, Kentaro Kikuchi, Masahiro Fujinami, Noriaki Yoshida, Fumio Ide, Hideaki Sakashita and Kaoru Kusama ................................................................. 475

Clinical evaluation of guided tissue regeneration combined with autogenous bone or autogenous bone mixed with bioactive glass in intrabony defects
Vikender S. Yadav, Satish C. Narula, Rajinder K. Sharma, Shikha Tewari and Renu Yadav ................................................................. 481
Prevalence of a second canal in the mesiobuccal root of permanent maxillary first molars from an Indonesian population
Harry H. Peeters, Ketut Suardita and Darmawan Setijanto .................................................. 489

An investigation of accidental ingestion during dental procedures
Kenichi Obinata, Takafumi Satoh, Alam Mohammad Towfik and Motoyasu Nakamura ................... 495

Comparative assessment of subjective image quality of cross-sectional cone-beam computed tomography scans
Kıvanç Kamburoğlu, Sema Murat, Eray Kolsuz, Hakan Kurt, Seleen Yüksel and Candan Paksoy ................ 501

High concentration of sodium butyrate suppresses osteoblastic differentiation and mineralized nodule formation in ROS17/2.8 cells
Akira Morozumi .................................................................................................................. 509

Comparison of the sealing ability of mineral trioxide aggregate and Portland cement used as root-end filling materials
Shahriar Shahi, Hamid R. Yavari, Saeed Rahimi, Mahsa Eskandarinezhad, Sahar Shakouei and Mahsa Unchi ................. 517

Short Communication

Bilateral, asymmetric anomalies of the anterior bellies of digastric muscles
Yosuke Yamazaki, Masahiro Shibata, Tatsuo Ushiki, Keitaro Isokawa and Noboru Sato ....................... 523

Case Report

Evolution of an aneurysmal bone cyst: a case report
Sonia V. Behal ....................................................................................................................... 529

Endoscopic minimally invasive management of a periradicular lesion invading the maxillary sinus
Silvio Taschieri, Massimo Del Fabbro, Stefano Corbella, Tommaso Weinstein, Gabriele Rosano and Igor Tsesis ................ 533