



## CONTENTS

### **Original**

<b>Use of fluid filtration method to evaluate the effect of master cone size on the apical seal of severely curved root canals</b>	
Saeed Moradi, Reza Disfani, Hani Baziar, Farzaneh Daneshvar, and Hamid Jafarzadeh .....	93
<b>Effect of alcohol consumption status and alcohol concentration on oral pain induced by alcohol-containing mouthwash</b>	
Anurag Satpathy, Shivamurthy Ravindra, Amit Porwal, Abhaya C. Das, Manoj Kumar, and Indranil Mukhopadhyay .....	99
<b>Nasal immunization with the 40-kDa outer membrane protein of <i>Porphyromonas gingivalis</i> plus cholera toxin induces protective immunity in aged mice</b>	
Yu Cai, Tomoko Kurita-Ochiai, Ryoki Kobayashi, Tomomi Hashizume, and Masafumi Yamamoto .....	107
<b>Effect of ammonium hexafluorosilicate application for arresting caries treatment on demineralized primary tooth enamel</b>	
Yumiko Hosoya, Katsumi Tadokoro, Hideji Otani, Kiyoshi Hidaka, Takashi Inoue, Masashi Miyazaki, and Franklin R. Tay .....	115
<b>Psychometric properties and performance of the Oral Health Impact Profile (OHIP-14s-ar) among Sudanese adults</b>	
Nadia Khalifa, Patrick F. Allen, Neamat H. Abu-bakr, and Manar E. Abdel-Rahman .....	123
<b>Biochemical composition of carious dentin and different layers of sound dentin</b>	
Larissa Magnus, Marisa Maltz, Caren Bavaresco, Lucelen F. Bastos, and Lina N. Hashizume .....	133
<b>Periodontal status, salivary immunoglobulin, and microbial counts after short exposure to an isolated environment</b>	
Balwant Rai and Jasdeep Kaur .....	139
<b>Prevalence of drug-resistant opportunistic microorganisms in oral cavity after treatment for oral cancer</b>	
Kaoru Yamashita, Masaru Ohara, Taro Kojima, Rumi Nishimura, Tetsuji Ogawa, Takamune Hino, Mitsugi Okada, Shigeaki Toratani, Nobuyuki Kamata, Motoyuki Sugai, and Masaru Sugiyama .....	145
<b>Mycological and histological associations of <i>Candida</i> in oral mucosal lesions</b>	
Pragati B. Hebbar, Anuradha Pai, and Sujatha D .....	157
<b>Release and systemic accumulation of heavy metals from preformed crowns used in restoration of primary teeth</b>	
Hiroe Kodaira, Kohachiro Ohno, Naoko Fukase, Midori Kuroda, Shiki Adachi, Motohiro Kikuchi, and Yoshinobu Asada .....	161
<b>Are referred inaccessible human primary molar teeth really inaccessible?</b>	
Naser Asl Aminabadi, Alireza Sighari Deljavan, Mohammad Samiei, and Zahra Jamali .....	167

**Laser therapy and needling in myofascial trigger point deactivation**

Luciana Uemoto, Marco Antonio C. Garcia, Cresus Vinicius D. Gouvêa, Oswaldo V. Vilella, and Thays A. Alfaya ..... 175

**Case Report****Invasive cervical root resorption 15 years after modified Widman flap surgery**

Shuichi Sato, Akira Hasuike, Naoto Yoshinuma, and Koichi Ito ..... 183

**Acute apical periodontitis and vertical root fracture of the same tooth: a case report**

Babacar Touré and Yves Boucher ..... 187