

Vol. 22, Nº 1 (2019)

Contact Adress:

Prof. Dr.Sérgio Eduardo de Paiva Gonçalves
Department of Restorative Dentistry
São José dos Campos School of Dentistry
UNESP - Univ Estadual Paulista
Av. Eng. Francisco José Longo, 777
Jd. São Dimas - São José dos Campos-SP
Fone: +55 (12) 3947-9051 - e-mail: sergio@fosjc.unesp.br
<http://ojs.fosjc.unesp.br/index.php/cob/index>

EDITORIAL

Prof. Carlos de Paula Eduardo - **Page 1 to 8**

LITERATURE REVIEW

Biosafety measures in dental practice: Literature Review

Ana Amélia Barbieri, Fernanda Feitosa, Carolina Judica Ramos, Symone Cristina Teixeira - **Page 9 to 16**

ORIGINAL ARTICLE

Stress distribution and failure load of multilayer and monolayer glass ceramic

Karen Cristina Archangelo, Marcela Moreira Penteado, Amanda Maria De Oliveira Dal Piva, Andrea Souza Nogueira, João Paulo Mendes Tribst, Alexandre Luiz Souto Borges - **Pages 17 to 22**

Effect of different root dentin pretreatment protocols on the bond strength of fiber posts cemented with core buildup material

Rowaida Naeem, Maged Zohdy, Tarek Salah - **Pages 23 to 30**

Effect of Polyethylene Terephthalate Tongue Scraper on Oral Levels of Volatile Sulfur Compounds: a randomized clinical trial

Mônica Barbosa Leal, Joelmir da Silva Góes, Andrea Gomes Dellovo, Carla Rocha São Mateus, Guilherme de Oliveira Macedo - **Pages 31 to 38**

Antimicrobial effect of methylene blue formulations with oxygen carrier at different pHs: preliminary study

Jessica Klöckner Knorst, Gabriela Scarton Barriquello, Marcos Antonio Villetti, Roberto Christ Vianna Santos, Karla Zanini Kantorski - **Pages 39 to 45**

Water sorption and solubility of a nanofilled composite resin protected against erosive challenges

Katharina Maciel Ferreira Villaça Maia, Felipe Vilasboas Rodrigues, Janaina Emanuela Damasceno, Rodrigo Vitória da Costa Ramos, Vivian Leite Martins, Max José Pimenta Lima, Andrea Nóbrega Cavalcanti - **Pages 46 to 54**

Use of Cone Beam Computed Tomography to Identify the Morphology of Maxillary and Mandibular Premolars in Chennai Population

Rajamohan Rajakeerthi, Malli Suresh Babu Nivedhitha - **Pages 55 to 62**

Clinical and Radiographic evaluation of mixture of Zinc Oxide powder and Nanohydroxyapatite as an obturating material in primary molars

Pratyusha Kottapalli, Ghanashyam Prasad Madu, Naga Radhakrishna Ambati, Deepthi Bolla, Venkata Sandeep Rayala, V.k.raviteja Narra - **Pages 63 to 69**

Titanium Dioxide and Polyethylmethacrylate electrospun nanofibers: assessing the technique parameters and morphological characterization

Jessica Dias Santos, Tabata Prado Sato, Aline Lins de Lima, Andrea Souza Nogueira, Cristiane Campos Costa Quishida, Alexandre Luiz Souto Borges - **Pages 70 to 78**

Microleakage of high viscosity glass-ionomer and glass-carbomer with and without coating before and after hydrothermal aging

Aslı Patir-Münevveroğlu, Alev Özsoy, Beyza Balli-Akgöl, Ruhan Bozatlioğlu, Pelin Korkut, Büşra Uysal, Mutlu Özcan - **Pages 79 to 87**

Fracture strength of teeth with access cavity preparation with operating microscope or on buccal surfaces

Yohanna Campos D'amico, Ulisses Xavier da Silva Neto, Vânia Portela Ditzel Westphalen, Everdan Carneiro, Alexandre Kowalczyk - **Pages 88 to 93**

The impact of at home and in-office bleaching agents on the color stability of bulk-fill composite resins

Rodrigo Máximo Araújo, Elisângela Costa Lemes, Rubens Ferri Pachito, Fernanda Alves Feitosa - **Pages 94 to 102**

Systemic Health Characteristics and Self-Reported Xerostomia among Nursing Facility Residents in Iowa-US and Sao Paulo-Brazil

Erica Recker, Mariana Sarmet Smiderle Mendes, Derec Blanchette, Deborah Dawson, Howard Cowen, Jennifer Hartshorn, Jarbas Francisco Fernandes dos Santos, Leandro Notari Chester, Daniel Caplan, Leonardo Marchini - **Pages 103 to 110**

Proximal retention grooves may increase early fracture strength of ART restorations

Érica Priscila Fernandes, Maria Cristina Carvalho de Almendra Freitas, Paula Vanessa Pedron Oltramari-Navarro, Ricardo de Lima Navarro, Rafael Menezes-Silva, Linda Wang, José Roberto Pereira Lauris, Maria Fidela de Lima Navarro - **Pages 111 to 117**

Biaxial flexural strength of different types of monolithic zirconia

Shereen Nossair, Tarek Salah, Kamal Ebeid - **Pages 118 to 123**

SYSTEMATIC REVIEW**Restorative strategies for weakened roots: Systematic review and Meta-analysis of *in vitro* studies**

Gislene Corrêa, Lucas Pradebon Brondani, Rafael Sarkis Onofre, César Dalmolin Bergoli - **Pages 124 to 134**

CASE REPORT**Minimally invasive aesthetic rehabilitation in composite resin: report of two clinical cases**

Priscila Regis Pedreira, Janaina Emanuela Damasceno, Josué Junior Araújo Pierote, Diogo Dressano, Giselle Maria Marchi - **Pages 135 to 142**