

In this issue

Research Article

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[Do dental screening and treatments prior to heart valve interventions help prevent prosthetic valve endocarditis? A systematic review](#)

Published On: December 14, 2022 | Pages: 055 - 061

Author(s): Adriana Jacoba Kouwenberg*, G Mensink, MWA Van Geldorp, J Schaap, RG Bentvelsen and JE Bergsma

Routine screening for infectious dental foci prior to elective heart valve replacement may help prevent postoperative Prosthetic Valve Endocarditis (PVE), a potentially fatal complication. This systematic review assesses the effect of routine screening for infectious dental foci on the incidence of postoperative PVE. The Cochrane Library, PubMed and EMBASE databases w ...

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[Chemical surface modification of lithium disilicate needles of a silica-based ceramic after HF-etching and ultrasonic bath cleaning: impact on the chemical bonding with silane](#)

Published On: October 18, 2022 | Pages: 035 - 041

Author(s): A Poulon-Quintin*, F Rouzé l'Alzit, E Ogden, A Large, C Bertrand and M Bartala

Recommendations to obtain the best bonding to silica-based ceramics are to prepare its surface by hydrofluoric-acid HF etching and regular application of a silane. This study investigated how the HF-etching followed by ultrasonic water bath cleaning or by an additional phosphoric acid treatment impacts the adhesion properties of a resin (G-CEM LinkForce®) with a lithi ...

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[Oral impacts of number of natural teeth and posterior occluding pairs on daily](#)

[performance of geriatric population of Bareilly city: A cross-sectional study](#)

Published On: July 30, 2022 | Pages: 012 - 016

Author(s): Nandita Gautam*, Anushtha Kushwaha, Suyash Singh, Siddhant Singh and Sonal Singh

Background: Poor oral health among the elderly has been measured in terms of tooth loss, dental caries, high prevalence rates of periodontal disease, xerostomia, and oral precancer/cancer around the world. Aim: The study's goal is to see how posterior occluding pairs and the total number of natural teeth in the mouth affect everyday activity in the elderly.

Materi ...

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Review Article

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[Hinduism and Prosthodontic Treatment: A Review and a Clinical Report of a Hindu Menopausal Woman](#)

Published On: December 09, 2022 | Pages: 045 - 054

Author(s): Spyridon Stefanos*

Hinduism is one of the world's most populous religions. A matter in everyday dentistry is the use of products and materials that could limit dental treatment options because of religion. Menopause is a specific and critical period in a woman's life when dental restorations or other dental procedures are needed. Some menopausal women face difficulty when performing den ...

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Case Report

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[Evaluation of effects of Forsus Fatigue Resistance device in correction of class II division 1 malocclusion in adolescent patient: A case report](#)

Published On: October 18, 2022 | Pages: 028 - 034

Author(s): Anupama V Jain*, Anand K Patil and Roopak Naik

Introduction: Class II malocclusion is one of the most prevalent malocclusions. The Class II malocclusions are caused

due to forwardly placed maxilla, the backward position of the mandible, or a combination of both these factors. This disparity in skeletal base growth and position can be corrected during growth spurts using functional and fixed functional appliances. ...

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Short Communication

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[Intellectual property safe – First-to-File and First-to-Invent system](#)

Published On: November 10, 2022 | Pages: 042 - 044

Author(s): Cecilia Young*

All countries use the First-to-File system. An inventor may feel very tense about the time race and the physical and cyber security of his intellectual properties. Biomedical researchers and inventors are particularly vulnerable since most of them may not possess enough IT knowledge to maintain cyber security. An Intellectual Property Safe System to protect the initial ...

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[Miths and solutions in digital dental impression](#)

Published On: September 23, 2022 | Pages: 025 - 027

Author(s): Guilherme Cabral*, Luciana M Soares, Hilton Riquieri, Adriano Baldotto Barbosa, Renato Sartori, Eric Padovani, Fabio Costa, Jonas U.R. Schindler, Juliano Arantes Vasconcelos and Diego Henrique de Lima

Nowadays, the process of transferring intra-oral information from the dental office to dental laboratories has been a current reality in dentistry. The number of advantages presented in this process include work accuracy, patient acceptance, a transfer, and storage information facility, three-dimensional visualization, and an increase in time efficiency [1]. ...

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[Inferior dental nerve symptomatology in dental practice needs exclusion of sickle](#)

[cell disease](#)

Published On: August 04, 2022 | Pages: 017 - 019

Author(s): Felix I D Konotey-Ahulu

Sickle cell disease is defined as two abnormal beta-globin genes at least one of which is the sickle cell gene denoted by the capital letter S [1]. Other Abnormal beta-globin-genes are denoted either by capital letters of the alphabet C D E G K ... [2] or by the name of the place where the abnormal haemoglobin was found, for example, Haemoglobins Korle Bu [3], Osu-Chris ...

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Case Study

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[External root resorption of a permanent tooth. Case study](#)

Published On: August 17, 2022 | Pages: 020 - 024

Author(s): Jacel Kotua*, Anna Kuc, Jakub Nawrocki, Alicja Babczyska, Micha Sarul and Joanna Lis

Introduction: External resorptions often occur as a lesion of inflammatory origin. The origin of the process begins on the side of the root cementum and goes towards the pulp of the tooth. The changes consist of the pathological loss of root cement, dentin, and bone surrounding the tooth. The dynamics of the process are enhanced by inflammatory or necrotic pulp change ...

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