

Research Article

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The Effect of Ozone Gas on Dentin Shear Bond Strength

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Author(s): Yasemin Yavuz*, Omer Cellik, Emrullah Bahsi, Bayram Ince

Introduction The basic aim in the prevention of dental decay is to reduce the factors creating decay and to increase the protective approaches [1]. Complete elimination cannot be provided of the pathogen bacteria in the dentin to remove the decay lesion. When minimally invasive cavity design is planned to prevent excessive substance loss, this problem becomes more ...

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A Comparative Study of the Efficiency of two Different Glass Ionomer Using ART Technique in a Group of Egyptian Children with Autistic Spectrum Disorder

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Author(s): Ghada A Elbaz*, Mohamed Sherif M Salah Eldin, Walaa H M Mabrok

Introduction Atraumatic restorative treatment (ART) is an alternative treatment for dental caries used to remove demineralized and insensitive outer carious dentin with hand instruments only. Therefore, no electricity or anesthesia is required and pain, usually experienced in conventional cavity preparation, is kept to a minimum. Originally, ART was developed for u ...

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Impact of Early Nasal Obstruction in Histological Development of and Physiological State

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Author(s): Guy Stéphane Padzys*, Jean Marc Martrette, Marie Trabalon

Introduction Nasal obstruction is considered a risk factor in sleep-disordered breathing [1–3], which has a very negative impact on quality of life in children and adults with increased daytime sleepiness [4]. This symptom resembles that of obstructive sleep apnea (OSA) caused by episodes of upper airway obstruction leading to episodic hypercapnic hypoxia which alt ...

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Case Report

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Rehabilitation of Surgically Resected Soft Palate with Interim Velopharyngeal Obturator

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Author(s): Bilal Ahmed*

Introduction The morphology of jaws are made in such way that they aid in both function and aesthetics of a person. The main function of the soft palate is that it separates the nasal and oral part of pharynx that in turn aids in speech and swallowing. The velopharyngeal (VP) valve consists of soft palate, lateral walls of pharynx and posterior walls of pharynx. Dur ...

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