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Combination of Acetaminophen/Codeine Analgesics Does Not Avoid Bleaching-Induced Tooth Sensitivity: A Randomized, Triple-Blind Two-Center Clinical Trial

FM Coppla • M Rezende • E de Paula • PV Farago • AD Loguercio • S Kossatz • A Reis

Clinical Relevance: The use of an opioid analgesic drug was not capable of preventing tooth sensitivity arising from in-office dental bleaching.

doi: <http://dx.doi.org/10.2341/17-092-C>

Longitudinal Evaluation of Radiopacity of Resin Composites: Influence of Photoactivation and Accelerated Photoaging

AD Cruz • IAM Costa • FS Calazans • MF Aguiar • MO Barceleiro

Clinical Relevance: Radiopacity has been considered an unchangeable property with great significance for assessing the quality of a restoration by radiographic images. Any changes in this property over time, under the influence of photoactivation and photoaging, might affect radiographic diagnosis.

doi: <https://doi.org/10.2341/16-240-L>

Effect of Chlorhexidine Treatment Prior to Fiber Post Cementation on Long-Term Resin Cement Bond Strength

M Durski • M Metz • G Crim • S Hass • R Mazur • S Vieira

Clinical Relevance: The addition of chlorhexidine application prior to adhesive cementation appears to be effective in enhancing the long-term push-out strength with glass fiber posts in all root thirds in vitro.

doi: <http://dx.doi.org/10.2341/16-241-LR2>

Fatigue Failure Load of Restored Premolars: Effect of Etching the Intaglio Surface of Ceramic Inlays With Hydrofluoric Acid at Different Concentrations

T Missau • AB Venturini • GKR Pereira • C Prochnow • LF Valandro • MP Rippe

Clinical Relevance: Etching with hydrofluoric acid at different concentrations (1%, 5%, 10%) does not affect the fatigue failure load of premolars restored with feldspar inlays (milled by a computer-aided design / computer-aided manufacturing system). Thus, those acids might be used for ceramic etching.

doi: <http://dx.doi.org/10.2341/16-345-L>

Degradation of Multimode Adhesive System Bond Strength to Artificial Caries-Affected Dentin Due to Water Storage

AC Follak • LL Miotti • TL Lenzi • RO Rocha • FZM Soares

Clinical Relevance: When using multimode adhesives on sound dentin, clinicians can choose to use either an etch-and-rinse or a self-etch strategy in terms of bond strength; however, on caries-affected dentin, bonding degradation will be greater irrespective of etching mode.

doi: <http://dx.doi.org/10.2341/17-129-L>