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LETTERS

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- 418** *At a recent meeting of the International Association for Dental Research, researchers report there is no connection between exposure to dental aerosols and related respiratory illness. According to an article in the February issue of the journal Pediatrics, adhering to risk-reduction guidelines during pediatric procedural sedation can reduce the risk of sedation-related adverse events. JADA readers respond to the January Question of the Month.*



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- 429 Curing-Light Intensity and Depth of Cure of Resin-Based Composites Tested According to International Standards**
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- 435 How Xylitol-Containing Products Affect Cariogenic Bacteria**
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The authors examine the effect of xylitol on levels of Streptococcus mutans and S. sobrinus.

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- 442 Comparing Methods for Diagnosing Temporomandibular Joint Disk Displacement Without Reduction**
Rüdiger Emshoff, M.D., D.M.D., and colleagues
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- 452 Clinical Utility of a Genetic Susceptibility Test for Severe Chronic Periodontitis: A Critical Evaluation**
Gary Greenstein, D.D.S., M.S.; Thomas C. Hart, D.D.S., Ph.D.
Drs. Greenstein and Hart review controlled clinical trials that assessed the association between specific genotypes and the patient's susceptibility to increased bleeding on probing, periodontitis and loss of teeth or dental implants.

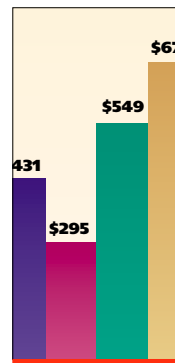


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- 460 The Integrity of Bonded Amalgam Restorations: A Clinical Evaluation After Five Years**
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The authors examine the clinical performance of bonded amalgam restorations after five years of clinical service and compare it with that of nonbonded amalgam restorations.

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468 Circulatory Dynamics During Dental Extractions in Normal, Cardiac and Transplant Patients
 Lucio Montebugnoli, M.D., D.D.S.; Carlo Prati, M.D., D.D.S., Ph.D.
In this study, the authors evaluate the relationship between the circulatory dynamics of patients with heart disease and their cardiac status when they undergo dental extraction procedures.



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 Thomas P. Wall, M.A, M.B.A.; L. Jackson Brown, D.D.S., Ph.D.;
 Richard J. Manski, D.D.S., M.B.A., Ph.D.
This article is the first of two that focus on recent changes in the funding of dental services in the United States.

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 Lawrence J. Dario, B.S.C.E., D.M.D.; Paul J. Cucchiaro, B.S.E.E.;
 Anthony J. Deluzio, B.S.C.E., M.S.C.E.
Dr. Dario and colleagues describe a new noninvasive electronic instrument they developed to test implant stability and improve the assessment process.

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491 *JADA's continuing education program highlights curing-light intensity and depth of cure of resin-based composites, the effect of xylitol on Streptococcus mutans and S. sobrinus levels, the clinical utility of a genetic susceptibility test and the integrity of bonded amalgam restorations after five years.*

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