

CONTENTS



page 301

VIEWS

- 270** **When Pigs Fly: Confronting the New Era of Disease Transmission**
JADA Editor Michael Glick, D.M.D., urges dental care providers to participate in the multidisciplinary task of disease tracking and reporting.

LETTERS

- 274** *JADA readers explore heart rate variability, intramuscular parecoxib sodium and dental entrepreneurship.*

NEWS

- 289** *Unsupervised hygiene practice is not improving access to dental care in Colorado, according to a new ADA study. Smokers produce as much as four times the amount of cyclo-oxygenase-2 in oral mucosal cells lining their mouths as do nonsmokers, according to a recent article in the journal Cancer Research.*

SPECIAL REPORT

- 301** **Voices From the Front: Dentists Share Their Stories of War**
Craig Palmer
The Journal marks the two-year anniversary of the commencement of war by presenting stories of dentists serving in Afghanistan and Iraq.

RESEARCH

- 311** **A Three-Year Clinical Evaluation of Two-Bottle Versus One-Bottle Dentin Adhesives**
Tar C. Aw, D.D.S., M.S., and colleagues
The authors compare the clinical performance of two one-bottle adhesives and a two-bottle adhesive for restoration of noncarious cervical lesions.
- 323** **Assessing the Accuracy of Caries Diagnosis via Radiograph: Film Versus Print**
Linda L. Otis, D.D.S.; Robert G. Sherman, D.M.D.
Drs. Otis and Sherman determine if proximal caries diagnoses from bitewing radiographic images printed on photographic paper are comparable with diagnoses made using traditional radiographic film images.



CLINICAL PRACTICE

- 331** **The Clinical Significance and Management of Apical Accessory Canals in Maxillary Central Incisors**
Mian K. Iqbal, B.D.S., D.M.D., M.S., and colleagues
This article highlights the clinical significance and management of accessory canals located in the apical one-third of maxillary central incisors.
- 337** **Root Resorption and Ankylosis Associated With Guided Tissue Regeneration**
Patricia Ramos Cury, D.D.S., M.S., Ph.D., and colleagues
The authors describe a clinical case of root resorption following guided tissue regeneration that involved the use of a bioabsorbable membrane.

OBSERVATIONS

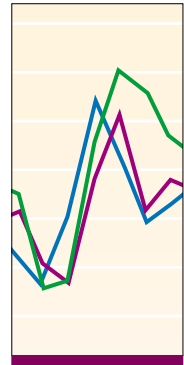
- 343** **The State of Fixed Prosthodontic Impressions: Room for Improvement**
Gordon J. Christensen, D.D.S., M.S.D., Ph.D.
Dr. Christensen explores several commonly occurring impression problems and offers potential solutions.



DENTISTRY & MEDICINE

347 The Patient With a Heart Murmur: Evaluation, Assessment and Dental Considerations

Eric Lessard, D.M.D.; Muhamed Saric, M.D., Ph.D.; and colleagues
In this review article, the authors provide in-depth background information to broaden clinicians' understanding of heart murmurs in their patients.



page 357



PRACTICE MANAGEMENT

357 Dental Practice: Prices, Production and Profits

Albert H. Guay, D.M.D.
Dr. Guay explores the relationship of dental fee increases, physicians' fee increases and overall price increases.

A BETTER PRACTICE

362 Measuring Patient Satisfaction

Roger Levin, D.D.S., M.B.A.
Dr. Levin stresses the importance of measuring patient satisfaction.



TRENDS

364 Parental Perceptions of Their Preschool-Aged Children's Oral Health

Bhavna S. Talekar, B.D.S., M.P.H., and colleagues
Dr. Talekar and colleagues examine parental perceptions of their children's oral health status and factors correlated with these perceptions of health.

373 Assessing Oral Cancer Knowledge Among Dental Students in South Carolina

Gabrielle F. Cannick, B.S.; Alice M. Horowitz, Ph.D.; and colleagues
The authors survey dental students to assess their knowledge of oral cancer risk and nonrisk factors and diagnostic signs, symptoms and examination procedures.

CONTINUING EDUCATION

379 *JADA's continuing education program highlights apical accessory canals in maxillary central incisors; dental patients with heart murmurs; dental practice prices, production and profits; and parental perceptions of their children's oral health.*

ADVANCES IN DENTAL PRODUCTS

383 The Clinical Performance of Professionally Dispensed Bleaching Gel With Added Amorphous Calcium Phosphate

Martin Giniger, D.M.D., Ph.D., and colleagues
The authors measure how the addition of amorphous calcium phosphate to a 16 percent carbamide peroxide bleaching gel affects tooth color and dentinal hypersensitivity.

DENTISTRY & THE LAW

393 Antitrust Revisited: The Pitfalls of the Messenger Model

Peter M. Sfikas, J.D.
Mr. Sfikas examines a recent Federal Trade Commission case that illustrates the hazards of the Messenger Model when used with a large network of health care professionals. Also appearing this month is the quarterly Ethical Moment feature.

296 **CYBERNEWS**

415 **FOR THE DENTAL
PATIENT**

416 **INDEX TO
ADVERTISERS**

399 **CLASSIFIED
ADVERTISING**