COMMENTARY

974 Editorial: Optimal Oral Health: A Need to Make a Distinction
M. Glick, D.M. Meyer
Drs. Glick and Meyer stress the need to define optimal oral health in a contextual framework that includes social, financial and other determinants.

975 Letters: JADA readers explore management of ankylosed primary molars and the usefulness of jaw kinesthesiology in monitoring temporomandibular disorders.

JADA LANDMARK SERIES

990 Acid-Etch Technique: How the Introduction of the Acid-Etch Technique Revolutionized Dental Practice
D.T. Zero
Dr. Zero provides a commentary about a 1971 article published in The Journal of the American Dental Association by Dr. Michael Buonocore regarding the discovery of the acid-etch technique to condition the enamel surface as a means of retaining pit-and-fissure sealants.

COVER STORY

997 Resin Infiltration: Minimally Invasive Resin Infiltration of Arrested White-Spot Lesions: A Randomized Clinical Trial
The authors conduct a randomized, single-masked clinical trial to assess the appearance of arrested white-spot lesions treated with resin infiltration.

CLINICAL PRACTICE

1006 Pain Update: Dental Treatment for Patients With Neuropathic Orofacial Pain
G.D. Klasser, H.A. Gremillion, J.B. Epstein
Dr. Klasser and colleagues describe a 56-year-old woman with acute dental pain in the left mandibular molar area.

1010 Diagnostic Challenge: Asymptomatic Oral Mucosal Lesions
J.M. Baglino, F. Alawi, E.T. Stoopler
The authors ask readers to diagnose a case of a patient who underwent evaluation of multiple asymptomatic white patches affecting her oral mucosa.

RESEARCH

1014 Adverse Reactions: Adverse Drug and Device Reactions in the Oral Cavity: Surveillance and Reporting
A.J. Zavras, G.E. Rosenberg, J.D. Danielson, V.M. Cartos
Dr. Zavras and colleagues describe the U.S. Food and Drug Administration’s MedWatch program, the safety surveillance system for drugs and devices in the United States.

1022 Health Information Technology: Dental Care Providers’ and Patients’ Perceptions of the Effect of Health Information Technology in the Dental Care Setting
O. Asan, Z. Ye, A. Acharya
The authors conduct a study to explore dental care providers’ interactions with electronic health records during patient visits.
1030 Antibiotic Prophylaxis: Acceptance Among and Impact on Dental Practitioners and Patients of American Heart Association Recommendations for Antibiotic Prophylaxis
P.B. Lockhart, N.B. Hanson, H. Ristic, A.R. Menezes, L. Baddour
Dr. Lockhart and colleagues examine the acceptance of changes in American Heart Association guidelines for the prevention of infective endocarditis among dentists and the impact of the changes on dentists and their patients.

1036 Critical Summaries: Use of Chlorhexidine Varnish to Prevent Root Caries May Benefit Some Patients
D. Leader
Dr. Leader provides a critical summary of a systematic review in which investigators found limited evidence of the effectiveness of chlorhexidine varnish in preventing root caries.

TRENDS
1038 Untreated Dental Caries: The Impact of the Great Recession on Untreated Dental Caries Among Kindergarten Students in North Carolina
R. Abecassis, A.M. Kranz, R.G. Rozier
The authors conduct a study to determine the impact of the Great Recession on untreated dental caries in kindergarten-aged children in North Carolina.

JOURNAL SCAN
1048 Current Literature: This feature offers summaries of studies in the current dental and medical literature on topics such as direct pulp capping and computer-assisted guidance for tobacco-use cessation.
B.L. Pihlatrøm

PERSPECTIVES
1062 A Better Practice: The Four-Step Postrecession Growth Plan
R.P. Levin
Dr. Levin describes four steps that dentists can take to increase practice productivity.

1064 Ethical Moment: What Are the Ethical Issues Involved in Providing a Five-Year Treatment Plan for a Patient Who Is Planning to Retire in a Year?
D.E. Brooks
Dr. Brooks examines the ethical issues involved in providing a long-range treatment plan for a patient who is planning to retire within a year.

CONTINUING EDUCATION
1067 JADA's continuing education program highlights minimally invasive resin infiltration of arrested white-spot lesions, adverse drug and device reactions in the oral cavity, dentists' and patients' perceptions of health information technology in the dental care setting, and acceptance of changes in the American Heart Association guidelines for antibiotic prophylaxis.

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