CONTINUING EDUCATION PROGRAM
The Journal of the American Dental Association
May 2013

Also available online at “www.ada.org/1314.aspx”

Open to all licensed U.S. dentists, JADA’s monthly Continuing Dental Education Program now offers Journal readers a chance to earn up to four (4) CE credits each month—double the previous total. Four articles in each issue of JADA are designated as CE vehicles, identified with our CE logo. Read one or more of the articles and answer the related questions in this section. If you correctly answer three of the four questions per article, you now earn one (1) hour of CE credit per article—or a total of four (4) credit hours for all four articles. This is effective as of March 2013 for all active CE tests (in other words, the current month and the previous 11 months).

Your entry is graded by the faculty at the University of Colorado School of Dentistry, a provider of CE credit recognized by the ADA’s Continuing Education Recognition Program and the Academy of General Dentistry.

Record your answers on the form provided at the end of this section, clip the completed form and attach your address label from this issue of JADA. Mail the form and the appropriate fee to the UC School of Dentistry. You will be notified by mail of your score and the credits awarded—information that you must forward to your state dental board.

You also can participate in JADA’s CE program online. Visit “www.ada.org/1314.aspx.”

For ADA-member dentists, the monthly participation fee is $15; the nonmember fee is $20. You may pay by check drawn on a U.S. bank, money order or credit card. The fee is the same whether you answer questions for one article or for all four.

Credit for the CE program expires one year from the date of publication (both print and online). Duplicate submissions will be disregarded, whether electronic or paper.

Credits issued for participation in the CE activity may not apply toward license renewal in all licensing jurisdictions. It is the responsibility of each participant to verify the CE requirements of his or her licensing or regulatory agency. This is effective as of March 2013 for all active CE tests (in other words, the current month and the previous 11 months).

Any questions? Call 1-800-736-1911.

CE ARTICLE 1–PAGES 478-485

DIABETES AND TOOTH LOSS: AN ANALYSIS OF DATA FROM THE NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY, 2003-2004

1. What percentage of survey participants 50 years or older who reported having diabetes was totally edentulous?
   A. 39 percent
   B. 28 percent
   C. 21 percent
   D. 16 percent

2. What was the mean number of missing teeth among dentate participants 50 years or older who reported having diabetes?
   A. 13.4
   B. 11.7
   C. 9.8
   D. 6.1

3. On the basis of the multiple linear regression analysis for number of missing teeth among adults 50 years or older, what was the adjusted odds ratio associated with diabetes, after adjustment for other variables?
   A. 2.50
   B. 2.25
   C. 2.00
   D. 1.75
4. In this age group, what percentage of cases of edentulism did the authors estimate could be linked with diabetes?
   A. 18 percent
   B. 16 percent
   C. 14 percent
   D. 12 percent

CE ARTICLE 2–PAGES 486–490
THE PREVALENCE OF TEMPOROMANDIBULAR DISORDERS IN PATIENTS WITH LATE WHIPLASH SYNDROME WHO EXPERIENCE OROFACIAL PAIN: A CASE-CONTROL SERIES STUDY

1. Which one of the following was diagnosed most frequently among participants in the late whiplash syndrome (LWS) group?
   A. myofascial pain
   B. disk displacement with reduction
   C. disk displacement without reduction
   D. osteoarthritis

2. What percentage of participants in the LWS group had not received a diagnosis of temporomandibular disorder (TMD)?
   A. 29 percent
   B. 21 percent
   C. 14 percent
   D. 6 percent

3. What percentage of participants in the control group had not received a diagnosis of TMD?
   A. 29 percent
   B. 21 percent
   C. 14 percent
   D. 6 percent

4. Of the following, which one was associated with a significantly greater percentage of patients in the LWS group than in the control group?
   A. disk displacement with reduction
   B. disk displacement without reduction
   C. osteoarthritis
   D. no TMD diagnosis

CE ARTICLE 3–PAGES 495–506
TREATMENTS FOR HYPERSENSITIVE NONCARIOUS CERVICAL LESIONS: A PRACTITIONERS ENGAGED IN APPLIED RESEARCH AND LEARNING (PEARL) NETWORK RANDOMIZED CLINICAL EFFECTIVENESS STUDY

1. For the group of patients receiving sealants, what was the mean clinically measured sensitivity score at the immediate posttreatment assessment?
   A. 3.5
   B. 2.5
   C. 1.5
   D. 0.5

2. At the six-month follow-up assessment, what was the median improvement in patient-reported sensitivity for the sealant group?
   A. 4
   B. 3
   C. 2
   D. 1
3. On the basis of intention-to-treat analyses, which statement accurately summarizes the study's conclusions about clinically measured sensitivity after six months?
   A. Improvement was significantly greater for the dentifrice group than for either the sealant group or the restoration group.
   B. Improvement was significantly greater for the restoration group than for either the sealant group or the dentifrice group.
   C. Improvement was significantly greater for the sealant group than for either the dentifrice group or the sealant group.
   D. Improvement was significantly greater for both the sealant group and the restoration group than for the dentifrice group.

4. Based on intention-to-treat analyses, which statement accurately summarizes the study's conclusions about patient-reported sensitivity after six months?
   A. Improvement was significantly greater for the dentifrice group than for either the sealant group or the restoration group.
   B. Improvement was significantly greater for the restoration group than for either the sealant group or the dentifrice group.
   C. Improvement was significantly greater for the sealant group than for either the dentifrice group or the sealant group.
   D. Improvement was significantly greater for both the sealant group and the restoration group than for the dentifrice group.

**CE ARTICLE 4–PAGES 517–526**

**AN EVALUATION OF 10 PERCENT AND 20 PERCENT BENZOCAIN GELS IN PATIENTS WITH ACUTE TOOTHACHES: EFFICACY, TOLERABILITY AND COMPLIANCE WITH LABEL DOSE ADMINISTRATION DIRECTIONS**

1. What percentage of patients who received the 20 percent benzocaine gel was classified as responders in this study?
   A. 87.3 percent
   B. 81.1 percent
   C. 73.9 percent
   D. 62.4 percent

2. What percentage of patients who received the (vehicle) placebo gel was classified as responders?
   A. 70.4 percent
   B. 57.2 percent
   C. 31.9 percent
   D. 20.3 percent

3. What was the median time elapsed from baseline to meaningful pain relief for the patients who received 10 percent benzocaine gel?
   A. 7.7 minutes
   B. 5.6 minutes
   C. 4.4 minutes
   D. 3.8 minutes

4. What percentage of patients applied 400 milligrams or less of the study gel?
   A. 92.2 percent
   B. 88.2 percent
   C. 79.3 percent
   D. 73.1 percent
1. Please place the pressure-sensitive label from the front cover of JADA over the shaded area below, or PRINT your name and address:

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2. Total administrative fee enclosed:  □ $15 ADA Member  □ $20 ADA Nonmember

I wish to pay the administrative fee by the following method:

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4. □ Check here if you wish us to send a copy of your test results directly to the Academy of General Dentistry.

**Mail answers and participation fee to this address:**

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Continuing Dental Education—attn: JADA  
Mailstop F839  
13065 E. 17th Ave., Room 104  
Aurora, Colo. 80045

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