Open to all licensed U.S. dentists, JADA’s monthly Continuing 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).

The University of Colorado is an ADA Continuing Education Recognition Program (CERP) Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. Concerns or complaints about a CE provider may be directed to the provider or to ADA CERP at www/ada.org/cerp.

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 Dental Medicine. 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/jadace.

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 704-713

OUTCOMES OF IMPLANTS AND RESTORATIONS PLACED IN GENERAL DENTAL PRACTICES: A RETROSPECTIVE STUDY BY THE PRACTITIONERS ENGAGED IN APPLIED RESEARCH AND LEARNING (PEARL) NETWORK

1. In this study, what was the most common reason for implant placement?
   A. congenitally missing tooth
   B. endodontic failure
   C. fractured tooth
   D. advanced periodontitis

2. When excessive bone loss was considered in the analysis, what percentage of implants in this study were classified as failures?
   A. 25.6 percent
   B. 18.7 percent
   C. 11.1 percent
   D. 6.3 percent
3. What odds ratio was reported for implant failure in sites with preexisting chronic inflammation?
   A. 2.42
   B. 2.17
   C. 2.01
   D. 1.88

4. What was the survival rate for implant restorations in this study?
   A. 97.8 percent
   B. 93.9 percent
   C. 89.1 percent
   D. 84.6 percent

CE ARTICLE 2–PAGES 714-721
CLINICAL AND RADIOGRAPHIC SUCCESS OF MINERAL TRIOXIDE AGGREGATE COMPARED WITH FORMOCRESOL AS A PULPOTOMY TREATMENT IN PRIMARY MOLARS: A SYSTEMATIC REVIEW AND META-ANALYSIS

1. What clinical success rate did the authors report for treatment of primary molars with formocresol?
   A. 99.6 percent
   B. 98.8 percent
   C. 92.3 percent
   D. 89.1 percent

2. What radiographic success rate did the authors report for treatment of primary molars with mineral trioxide aggregate (MTA)?
   A. 99.3 percent
   B. 97.9 percent
   C. 96.2 percent
   D. 95.1 percent

3. What was the relative risk for likelihood of radiographic success in treatment of primary molars with MTA compared with treatment with formocresol?
   A. 1.67
   B. 1.22
   C. 1.09
   D. 0.88

4. Which one of the following was not used as an inclusion criterion for the clinical trials included in this study?
   A. consistent use of same formulations for MTA and formocresol
   B. use of rubber dam for isolation
   C. achievement of complete hemostasis
   D. use of a stainless steel crown as a final restoration

CE ARTICLE 3–PAGES 722-730
PAIN-RELATED WORRY IN PATIENTS WITH CHRONIC OROFACIAL PAIN

1. Which one of the following was taken as a pain medication by the largest percentage of participants in this study?
   A. muscle relaxants
   B. opioid analgesics
   C. benzodiazepines
   D. nonopioid analgesics

2. What was the mean score for the worst pain in the preceding week?
   A. 7.9
   B. 6.7
   C. 6.1
   D. 5.3
3. Which one of the following was significantly related to higher scores for worst pain in the preceding week?
   A. state anxiety score on the State-Trait Anxiety Inventory
   B. yes on the Worry Domain Pain
   C. score on the Penn State Worry Questionnaire
   D. use of pain medication

4. Pain catastrophizing was statistically significantly associated with each of the following except which one?
   A. worst pain level in the preceding week
   B. pain interference with general activity or normal work routine
   C. least pain level in the preceding week
   D. pain duration

CE ARTICLE 4–PAGES 731-736
ORAL HEALTH AND CHANGES IN WEIGHT AND WAIST CIRCUMFERENCE AMONG COMMUNITY-DWELLING OLDER ADULTS IN BRAZIL

1. What was the incidence of weight loss among participants in this study?
   A. 15.8 percent
   B. 13.5 percent
   C. 11.1 percent
   D. 9.4 percent

2. Which one of the following was not associated significantly with changes in waist circumference?
   A. age
   B. edentulism
   C. years of education
   D. smoking status

3. In the logistic regression model for weight loss, which one of the following factors had the greatest adjusted relative risk ratio?
   A. less than 150 minutes of weekly physical activity
   B. age of 80 years or older
   C. two or more chronic diseases
   D. edentulism

4. Which one of the following factors in the logistic regression model for waist circumference loss was statistically significant?
   A. less than 150 minutes of weekly physical activity
   B. age of 80 years or older
   C. two or more chronic diseases
   D. edentulism
JADA CONTINUING DENTAL EDUCATION PROGRAM
ANSWER SHEET
JULY 2014

1. Please print your name and address:

Last name______________________________________First name__________________________________Initial___________
Street address______________________________________________________Suite or Apt. #___________________________
City_________________________________State_____________ZIP code_______________Country_______________________
ADA member no.____________________________________________________________________________________________
Daytime phone number (_________)______________________________________________________________

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

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

☑ Check #________made payable (in U.S. funds drawn on U.S. banks) to UC School of Dental Medicine
☑ VISA ☑ M/C ☑ American Express
Credit card # ____________________________________________________ Exp. date______________
Signature _____________________________________________________________________________

3. Check (☑) the answer to each question for each article you select. You may complete one or more articles.

☐ CE Article 1  ☐ CE Article 2  ☐ CE Article 3  ☐ CE Article 4

<table>
<thead>
<tr>
<th>Q1.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☑</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Q2.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☑</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Q3.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☑</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Q4.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☑</td>
</tr>
</tbody>
</table>

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

Mail answers and participation fee to this address:
University of Colorado School of Dental Medicine
Continuing Dental Education—attn.: JADA
Mailstop F839
13065 E. 17th Ave., Room 104
Aurora, Colo. 80045
Alternatively, you may complete the test online at www.ada.org/jadace.