



# STATE OF IOWA

## IOWA DENTAL BOARD

TERRY E. BRANSTAD, GOVERNOR  
KIM REYNOLDS, LT. GOVERNOR

PHIL MCCOLLUM  
INTERIM DIRECTOR

### CONTINUING EDUCATION ADVISORY COMMITTEE

Updated 9/26/2014

\*New Information in blue

### AGENDA

**Date/Time:** September 30, 2014, 12:00 P.M.

**Location\*:** Iowa Dental Board, 400 SW 8<sup>th</sup> St., Suite D, Des Moines, Iowa  
(Committee Members May Participate in Person or by Telephone)

**Members:** *Lori Elmitt, Board member, chair; Steven Fuller, D.D.S.; George North, D.D.S.; Marijo Beasler, R.D.H.; Eileen Cacioppo, R.D.H.; Kristee Malmberg, R.D.A.; Jane Slach, R.D.A.*

- I. CALL MEETING TO ORDER – ROLL CALL**
- II. COMMITTEE MINUTES**
  - a. *July 15, 2014 – Teleconference*
- III. CONTINUING EDUCATION COURSE APPLICATIONS FOR REVIEW**
  - a. *See course list*
- IV. CONTINUING EDUCATION SPONSOR APPLICATIONS FOR REVIEW**
  - a. *See sponsor list*
- V. OTHER BUSINESS**
  - a. *2015 Meeting Dates*
  - b. *Request Regarding Continuing Education Credit – Des Moines District Dental Society (\*Additional information submitted)*
- VI. OPPORTUNITY FOR PUBLIC COMMENT**
- VII. ADJOURN**

\*Committee members may participate by telephone or in person.

If you require the assistance of auxiliary aids or services to participate in or attend the meeting because of a disability, please call the Board office at 515/281-5157.

Please Note: At the discretion of the Committee Chair, agenda items may be taken out of order to accommodate scheduling requests of Committee members, presenters or attendees or to facilitate meeting efficiency.

## Continuing Education Course Applications for Review

1. **Alpha Orthodontics** – “*Advances in Clinical Dentistry: Implications for the Dental Hygienist*” – Requested 6 hours
2. **Carl Sandburg College – West Central Illinois Healthcare Continuing Education** – “*Healthy Workplace Environments – For Healthcare Workers*” – Instruction from 8:00AM – 5:00PM
3. **Cedar Valley Dental Implant Club** – *Untitled (implants)* – Requested 2 hours
4. **Dental Prosthetic Services** – “*2014 Dental Sleep Medicine Symposium: A Collaborative Approach to Managing OSA*” – Requested 7 hours
5. **Eastern Iowa Community College** – “*Use of Fluoride for Caries Prevention*” – Requested 2 hours
6. **James Fili, D.D.S., M.S.** – “*Laser-Assisted New Attachment (LANAP) for Periodontal Regeneration... A Breakthrough in Periodontal Treatment*” – Requested 2 hours
7. **Iowa Dental Assistants Association** – “*HPV*” – Requested 2 hours
8. **IDPH** – “*Iowa School-based Dental Sealant Contractor’s Meeting*” – Requested 4 hours
9. **Kiess Kraft Dental Lab** – “*The Next Step to Implant Dentistry is Coming to Omaha*” – Requested 2 hours
10. **Kiess Kraft Dental Lab** – “*Use of Oral Appliance for Snoring and Obstructive Sleep Apnea*” – Requested 2 hours
11. **Kiess Kraft Dental Lab** – “*Clinical Anatomy of the Maxilla Using Cone Beam Computed Tomography and Cadaveric Anatomy*” – Requested 2 hours
12. **Mercy Cedar Rapids** – “*2014 Fall Cancer Care Update for Dental Health Professionals*” – Requested 2 hours
13. **John Mergen, D.D.S., M.S.** – “*Preventive and Interceptive Orthodontic Treatment*” – Requested 1 hour
14. **John Mergen, D.D.S., M.S.** – “*Patient Cooperation (The True Influence of Treatment)*” – Requested 1 hour
15. **John Mergen, D.D.S., M.S.** – “*Pros and Cons of Conventional Braces vs. Invisalign*”
16. **John Mergen, D.D.S., M.S.** – “*Adult Orthodontic Treatment Options*”
17. **John Mergen, D.D.S., M.S.** – “*Importance of Referral Timing for Growing Patients*” – Requested 1 hour” – Requested 1 hour” – Requested 1 hour
18. **North Central Iowa Dental District** – “*Sleep Apnea*” – Requested 3 hours
19. **Sirona Dental System** – “*Sirona Galileos Training*” – Requested 4 hours

## Continuing Education Course Applications for Reconsideration

1. **Sarah Bauer, R.D.H.** – “*Sugar, Sugar, Sugar*” – Requested 3 hours. Additional information has been submitted as requested at the 3/26/2014 CEAC meeting.

2. **Universal Therapy Group** – *“TMJ Disorder Evaluation and Treatment and Occupational Hazards Related to Dentistry”* – Requested 2 hours. Additional information has been submitted as requested at the 3/26/2014 CEAC meeting.
3. **Oral Surgeons, P.C.** – *“Precision, Productivity & Profitability of Implant Prosthodontics in Private Practice* – Requested 8 hours
4. **Southeast Iowa District Dental Society** – *“Dental Sleep Medicine”* – Requested 3 hours

### **Continuing Education Sponsor Recertification Applications for Review**

1. American Dental Institute
2. CPR & the Works
3. Delta Dental of Iowa
4. Eastern Iowa Community Colleges
5. Ft. Dodge District Dental Society – Dr. Brian Fleshner
6. GSC Home Study Courses
7. Hawkeye Community College
8. MetLife Dental
9. Northeast Iowa Community College
10. Oral Arts Dental Laboratory
11. Oral Surgery Associates of Iowa City
12. Spring Park Dental Implant Study Club
13. University District Dental Society
14. UNMC College of Dentistry Continuing Education
15. Linn County Dental Society



# STATE OF IOWA

## IOWA DENTAL BOARD

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KIM REYNOLDS, LT. GOVERNOR

PHIL MCCOLLUM  
INTERIM DIRECTOR

### CONTINUING EDUCATION ADVISORY COMMITTEE

#### MINUTES

July 15, 2014

Conference Room

400 S.W. 8<sup>th</sup> St., Suite D

Des Moines, Iowa

#### **Committee Members**

Lori Elmitt, Board Member  
Steven Fuller, D.D.S.  
George North, D.D.S.  
Eileen Cacioppo, R.D.H.  
Marijo Beasler, R.D.H.  
Kristee Malmberg, R.D.A.  
Jane Slach, R.D.A.

#### **July 15, 2014**

Present  
Present  
Present  
Present  
Present  
Absent  
Present

#### **Staff Members**

Christel Braness, Angela Davidson

### **I. CALL MEETING TO ORDER – JULY 15, 2014**

The meeting of the Continuing Education Advisory Committee was called to order at 12:03 p.m. on Tuesday, July 15, 2014. The meeting was held by electronic means in compliance with Iowa Code section 21.8. The purpose of the meeting was to review meeting minutes, requests for continuing education courses and sponsor approval, and other committee-related matters. It was impractical to meet in person with such a short agenda. A quorum was established with six (6) members present.

Roll Call:

<u>Member</u>	<u>Beasler</u>	<u>Cacioppo</u>	<u>Elmitt</u>	<u>Fuller</u>	<u>Malmberg</u>	<u>North</u>	<u>J. Slach</u>
Present	x	x	x	x		x	x
Absent					x		

### **II. COMMITTEE MINUTES**

- *March 26, 2014 – Teleconference*
- *June 10, 2014 – Teleconference*

- ❖ MOVED by ELMITT, SECONDED by FULLER, to APPROVE the minutes as submitted. Motion APPROVED unanimously.

### III. CONTINUING EDUCATION COURSE APPLICATIONS FOR REVIEW

- Oral Surgeons, P.C., Implant Institute – *“The Role of the Dental Hygienist in Routine Dental Implant Maintenance”* – Requested 3 hours
  - Oral Surgeons, P.C., Implant Institute – *“Advancement in Digital Impressions”* – Requested 2 hours
- ❖ MOVED by CACIOPPO, SECONDED by FULLER, to recommend APPROVAL for the courses as submitted. Motion APPROVED unanimously.
  - Janet Blad – *“Preventing Chronic Pain: A Human Systems Approach”* – Requested 20 hours

Ms. Cacioppo stated that there is no provision in the rules, which allows approval of continuing education credit for this course. Ms. Beasler agreed with Ms. Cacioppo in that there was not a dental application to the course; the information was too generic to be eligible for continuing education credit to dental professionals.

- ❖ MOVED by CACIOPPO, SECONDED by BEASLER, to recommend DENIAL for the course as submitted. Motion APPROVED unanimously.
- Amber Lembergo/DANB – *“Sedation in Pediatric Dentistry”* – Requested hours left blank

Ms. Cacioppo recommended the course be approved for 12 hours of self-study credit, as there were only 26 pages of material for review.

Ms. Beasler asked about the review of continuing education courses for dental assistants. Ms. Braness reported that the Board has oversight of continuing education courses for all dental professionals in Iowa pursuant to Iowa Administrative Code 650. Ms. Braness reported that review of continuing education courses for dental professionals applies to requirements for renewal of licenses, registrations, and permit holders.

Ms. Cacioppo and Ms. Elmitt questioned how many continuing education hours to award for a self-study course of this nature. Ms. Slach pointed out that DANB issued Ms. Lembergo a certificate of completion for 12 continuing education hours. Ms. Slach stated this would be appropriate to meet the self-study hours allowed.

Ms. Elmitt expressed some reluctance to award 12 hours for a course that only involves reading and reviewing material. Ms. Elmitt asked about what the others thought. Ms. Cacioppo was initially inclined to award 10 hours; however, she was open to awarding 12 hours of credit since Board rules allow for a maximum of 12 hours of home-study. Ms. Slach reported that DANB is particular about how they award continuing education hours; Ms. Slach indicated that she would stand by the recommendation from DANB.

- ❖ MOVED by CACIOPPO, SECONDED by FULLER, to recommend APPROVAL of 12 hours of credit for the course as submitted. Motion APPROVED unanimously.
  - Johnson County Public Health – *“Age 1 Dental Visits: All You Need to Know”* – Requested 2 hours

Ms. Cacioppo reported that there is no information about the presenter. Ms. Cacioppo and Ms. Beasler stated that additional information was needed prior to making a final decision.

- ❖ MOVED by BEASLER, SECONDED by ELMITT, to request additional information about the presenters. Motion APPROVED unanimously.
  - Spring Park Oral & Maxillofacial Surgeons Study Club – *“OSHA/Infection Prevention 2014”* – Requested 2 hours
- ❖ MOVED by CACIOPPO, SECONDED by FULLER, to recommend APPROVAL for the course as submitted. Motion APPROVED unanimously.
  - Johnson County Public Health – *“Age 1 Dental Visits: All You Need to Know”* – Requested 2 hours

Ms. Braness asked to revisit this course. Ms. Elmitt noticed that information about the presenter was included in the hard copy of the course requests. Unfortunately, it appears that one or two pages did not get included when the information was scanned and distributed for review. Ms. Braness provided an overview of the speaker’s credentials. Tejasi Avasare, B.D.S., Masters student in Dental Public Health at the University of Iowa College of Dentistry, and Ms. Eileen Tosh, R.D.H. would be presenting.

Ms. Cacioppo indicated that Ms. Tosh is an I-Smile coordinator. Ms. Cacioppo asked for more information about the presenter, who was a dentist. Ms. Braness reviewed the information pertaining to the speaker, who was a dentist.

❖ MOVED by CACIOPPO, SECONDED by BEASLER, to recommend APPROVAL for following review of the information related to the presenters. Motion APPROVED unanimously.

- Iowa Primary Care Association – *“Pregnancy and Oral Health”* – Requested 1.5 hours

❖ MOVED by CACIOPPO, SECONDED by FULLER, to recommend APPROVAL for the course as submitted. Motion APPROVED unanimously.

- University of Iowa, Dept. of Emergency Medicine – *“Iowa Emergency Medical Responder”* – Requested 62 hours

Ms. Cacioppo reported that the CPR portion of the class was the only portion, which seemed applicable for continuing education hours for dental professionals. Dr. North and Ms. Elmitt agreed. The course is not directed towards application in dental offices.

Ms. Cacioppo reported that Iowa Administrative Code 650—Chapter 25 allows licensees, registrants and permit holders a maximum of three (3) hours of continuing education credit for CPR recertification; therefore, the CPR portion of the course should be awarded three (3) hours of credit.

❖ MOVED by CACIOPPO, SECONDED by ELMITT, to recommend APPROVAL for 3 hours for the CPR portion of the course, provided evidence of certification in CPR is obtained following course completion. Motion APPROVED unanimously.

#### **IV. CONTINUING EDUCATION CONTINUING EDUCATION SPONSOR APPLICATIONS FOR REVIEW**

- *Clinton Dental Study Club*
- *Compliance Training Partners*
- *Continuing Education Studies, Inc.*
- *Creighton University School of Dentistry*
- *Des Moines District Dental Society*
- *Dickinson County Dental Society*
- *Dynamic Dental Educators*
- *Eastern Iowa Periodontics, P.C.*
- *Fort Dodge Oral & Maxillofacial Surgery, P.C.*
- *Kirkwood Community College*
- *Frank I. Molsberry Dental Study Club*
- *G. V. Black Dental Study Group of Des Moines*
- *Great River Oral & Maxillofacial Surgery, P.C.*

- *Homestead Schools, Inc.*
- *Institute for Natural Resources*
- *IIowa Study Club*
- *Iowa Academy of General Dentistry*
- *Iowa Dental Association*
- *Iowa Society of Orthodontists*
- *Iowa Western Community College*
- *Johnson County Dental Society*
- *Midwest Gnathostatic Research & Study Group*
- *Oral Surgeons, P.C.*
- *The Proctor & Gamble Company*
- *Scott County Dental Society*
- *Sioux City Dental Society*
- *Tallcorn Dental Symposium*
- *University of Iowa College of Dentistry*
- *Western Iowa Technical Community College*
- *Impact Dental Training, LLC*
- *Iowa Lakes Community College*
- *Ultradent Seminars*

Ms. Braness reported that the applications for sponsor status were applications for recertification of currently-approved sponsors. Ms. Braness asked if the committee would want to review these as a group since they had been awarded sponsor status by the Board previously.

Ms. Cacioppo had some questions and concerns about a couple of the sponsor applications.

Ms. Cacioppo inquired about Continuing Education Studies, Inc. There is a reference to one dentally-related course. Ms. Cacioppo asked if the course would be AGD-approved. Ms. Braness stated that AGD approval does not necessarily factor in to whether a sponsor or course should be approved in Iowa. Ms. Braness reiterated that approved sponsors are subject to the provisions in Iowa Administrative Code 650—Chapter 25 regarding eligibility of courses for credit. If ineligible courses are offered, sponsors must inform attendees that continuing education credit will not be offered.

Ms. Cacioppo asked Dr. North about the application from the Tallcorn Dental Symposium. Ms. Cacioppo asked if one of the speakers, Dr. Fred Riddle, was the same Dr. Riddle, who previously served on the Board. Ms. Braness confirmed that it was the same person. Dr. North was not certain why the Tallcorn Dental Symposium, of which he is listed as an officer, would even request for credit for this particular course.

Ms. Cacioppo expressed some concerns that the application referenced two (2) hours of continuing education credit for the course, “Various Aspects of Practice Administration”, taught by Dr. Riddle. Iowa Administrative Code 650—Chapter 25 does not allow continuing education credit for courses that focus on practice management.

Ms. Cacioppo asked staff if the letter to this sponsor could specifically address this course in relation to Board rules. Ms. Braness stated that the standard letter includes references to these requirements; however, staff could include a reference to this course and Board requirements for continuing education course approval. Ms. Cacioppo stated that she would prefer having the addition given that the application indicated credit having been awarded. Ms. Braness affirmed that these concerns could be addressed in writing.

Ms. Cacioppo and Dr. North recommended that the approval letter to the Tall Corn Dental Symposium include a specific reference to the eligibility of courses for approval. In particular, the letter should reference the course in question and provide additional information regarding course approval.

- ❖ MOVED by CACIOPPO, SECONDED by NORTH, to recommend APPROVAL for all sponsor applications as submitted with additions to the approval letters as noted. Motion APPROVED unanimously.

## **V. OPPORTUNITY FOR PUBLIC COMMENT**

No comments were received.

## **VI. ADJOURN**

- ❖ MOVED by ELMITT, SECONDED by CACIOPPO. Motion APPROVED unanimously.

The Continuing Education Advisory Committee adjourned the meeting at 12:23 p.m.

## **NEXT MEETING OF THE COMMITTEE**

The next meeting of the Continuing Education Advisory Committee is scheduled for September 30, 2014. The meeting will be held at the Board office, and by teleconference.

These minutes are respectfully submitted by Christel Braness, Program Planner 2, Iowa Dental Board.

APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM

RECEIVED

SEP 02 2014

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

IOWA DENTAL BOARD

Note: A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: Alpha Orthodontics / Dr. Dean Leonard

Address: 1453 4<sup>th</sup> Street SE, Mason City IA 50401

Phone: 641-423-2172 Fax: 641-421-4166 E-mail: dynette@alpha-smiles.com

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): Orthodontic Practice

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: Advances in Clinical Dentistry: Implications for the Dental Hygienist

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: November 7, 2014

Hours of instruction: 6

#5143  
\$10.

7. Provide the name(s) and briefly state the qualifications of the speaker(s): - see attached  
Dr. Joseph O'Neil - past faculty University - Author of articles featured in The Journal of Clinical Orthodontics, Pegasus Award recipient.  
Dr. Dean Leonard; Diplomate of the American Board, Active Orthodontist and president of Alpha Orthodontics.

8. Please attach a program brochure, course description, or other explanatory material.

9. Name of person completing application: Dynette Niebuhr, RDA  
Title: Office Manager / Alpha Orthodontics Phone Number: 507-377-0222  
Fax Number: 507-373-6071 E-mail: dynette@alpha-smiles.com  
Address: 1651 West Main Street Albert Lea, MN 56007  
Signature: Dynette Niebuhr, RDA Date: 8/25/14

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov). Continuing education guidelines and rules are also available on the Board's website. A course is generally acceptable and does not need to go through this formal approval process if it is directly related to clinical practice/oral health care.

Pursuant to Iowa Administrative Code 650—25.3(5), please submit the application for approval 90 days in advance of the commencement of the activity. The Board shall issue a final decision as to whether the activity is approved for credit and the number of hours allowed. The Board may be unable to issue a final decision in less than 90 days. Please keep this in mind as you submit courses for prior approval.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

Iowa Dental Board  
Continuing Education Advisory Committee  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687

## Course Description

### ***Advances in Clinical Dentistry: Implications for the Dental Hygienist***

In this 6 hour session, Dr. Joseph O'Neil and Dr. Dean Leonard will discuss the multi-faceted role of the dental hygienist in patient management involving restorative dentistry and contemporary orthodontic therapy. Topics will include management of temporary anchorage devices, transpalatal appliances, and other newer orthodontic appliances as well as the entire spectrum of contemporary restorative dentistry from laminate veneers, implants, and prosthetic replacement of missing teeth. Comprehensive handouts and support materials will be provided to each hygienist who attends.

#### Presenters:

Dr. Joseph O'Neil has served on the faculties of five universities and has spoken to dental and orthodontic groups throughout North America, Australia and Japan. His articles have appeared in *Dental Economics*, *The Journal of Clinical Orthodontics*, and *The American Journal of Orthodontics and Dentofacial Orthopedics*. Dr. O'Neil is a nationwide recipient of the Pegasus Award for Creativity from the Council for the Advancement and Support of Education. He currently serves as Director of Practice Administration, Department of Orthodontics, at the Louisiana State University School of Dentistry. Dr. O'Neil is also an advisor to the Torrance Center for Creativity at the University of Georgia.

Dr. Dean Leonard has been in the private practice of orthodontics for 32 years and is a Diplomate of the American Board of Orthodontics. He has extensive experience in all facets of orthodontic treatment. He has a particular interest in the early adoption of technology to improve patient outcomes; starting with digitization of patient records in the late 1980s and aligner therapy in the 1990s. Since 2000, Dr Leonard has been at the leading edge of predetermined virtual tooth movement (Invisalign and SureSmile), lasers in dentistry, 3D radiographic modeling (CBCT) and 3D light scanning to create virtual diagnostic models.

APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM

IOWA DENTAL BOARD

400 S.W. 8th Street, Suite D

Des Moines, IA 50309-4687

515-281-5157

www.dentalboard.iowa.gov

RECEIVED

SEP 15 2014

IOWA DENTAL BOARD

**Note:** A fee of \$10 *per course* is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: Carl Sandburg College - West Central Illinois Healthcare Continuing Education

Address: 2051 Tom L. Wilson Blvd, Galesburg, IL 61401

Phone: (309) 341-5469 Fax: (309) 345-3526 E-mail: ssager@sandburg.edu

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): Community College

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self-assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

# 245193  
\$10.

4. Course Title: Healthy Workplace Environments – For Healthcare Workers

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: Handling Emotional Trauma, Conflict Resolution, Recognizing Burnout, Critical Debriefing, Stress Reduction via Massage Therapy, Yoga and Aromatherapy.

6. Course date: 10 October 2014 Hours of instruction: 8:00 a.m. – 5:00 p.m.

7. Provide the name(s) and briefly state the qualifications of the speaker(s): (see attached Bios)

8. Please attach a program brochure, course description, or other explanatory material. (see attached Agenda and Learning Objectives)

9. Name of person completing application: Steven Sager

Title: Director, Business & Community Education Phone Number: (309 341-5469)

Fax Number: (309) 345-3526 E-mail: ssager@sandburg.edu

Address: 2051 Tom L. Wilson Blvd, Galesburg, IL 61401

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov). Continuing education guidelines and rules are also available on the Board's website. A course is generally acceptable and does not need to go through this formal approval process if it is directly related to clinical practice/oral health care.

Pursuant to Iowa Administrative Code 650—25.3(5), please submit the application for approval 90 days in advance of the commencement of the activity. The Board shall issue a final decision as to whether the activity is approved for credit and the number of hours allowed. The Board may be



## Healthy Workplace Environments – For Healthcare Workers

Friday, October 10, 2014, 8:00 a.m. – 5:00 p.m.  
Carl Sandburg College, Crist Student Center  
2400 Tom L. Wilson Blvd. Galesburg, IL 61401

### Agenda

- 8:00 a.m. Recognizing Burnout**  
Rhonda Nelson  
Vice President of Behavioral Health Services, Bridgeway Inc.
- 9:00 a.m. Critical Debriefing After Stressful Events**  
Aimee Anderson  
Director of Outpatient/Crisis, Bridgeway, Inc.
- 10:00 a.m. Handling Emotional Trauma**  
Tasha Easley  
SASS Coordinator & Outpatient Clinician, Bridgeway Inc.
- 11:00 a.m. Conflict Resolution**  
Mary Landgren  
Outpatient Therapist, Bridgeway Inc.
- 12:00 p.m. Lunch/Networking**
- 1:00 p.m. Team Building**  
Linda Lee  
Carl Sandburg College
- 3:00 p.m. Benefits of Massage Therapy**  
Sandra Matassa  
Healing Touch Massage, Galesburg, IL
- 3:30 p.m. YOGA/Aromatherapy**  
Laura Bush, Sally Scott, Leanne Simpson  
Knit 102, Galesburg, IL
- 4:30 p.m. Evaluations & Certificates**

### Event Objectives

- ❖ Define emotional trauma.
- ❖ Steps in recognizing emotional trauma.
- ❖ Recognize how to help someone who is experiencing emotional trauma.
- ❖ Identify assertiveness skills.
- ❖ Recognize signs and symptoms of burnout.
- ❖ Identify solutions to addressing burnout.
- ❖ Describe research on debriefing models.
- ❖ Recognize the important factors in debriefing staff.

- ❖ Discuss critical factors in debriefing dynamics.
- ❖ Relate how strong team are formulated through open communication, trust and accountability.
- ❖ Practice team building strategies via group activities.
- ❖ Recognize the benefits on massage therapy and essential oils on reducing stress and overall well-being.
- ❖ Recognize the benefits of Yoga for stress reduction.
- ❖ Practice simple Yoga poses that can be implemented during work day break periods.
- ❖ Identify beneficial aromatherapy practices that address stress reduction and encourage relaxation.

**West Central Illinois Healthcare Continuing Education**  
**Crist Student Center, Carl Sandburg College**  
**Healthy Workplace Environments – For Healthcare Workers**  
**10 October, 2014**  
**8:00 a.m. – 5:00 p.m.**

**MEET THE SPEAKERS**

**Rhonda Nelson, M.S.Ed., L.C.P.C.**, is the Vice President of Behavioral Health Services for over 25 years. She has worked as a child and adolescent therapist and for the past 15 years she has been the administrator for the clinical services at Bridgeway.

**Aimee Anderson, M.S., QMHP**, is the Director of Outpatient/Crisis and has worked in community mental health services for over 15 years in several areas to include vocational, crisis and youth crisis services. Aimee believes in recovery and least restrictive treatment with the goal of putting ourselves out of business by helping people move forward towards their personal goals.

**Tasha Easley M.S., L.C.P.C.**, is a SASS Coordinator and Outpatient Clinician at Bridgeway for 4 years. Tasha has worked as an outpatient therapist for children, adolescents and adults and for the past five months has been the SASS Coordinator at Bridgeway. SASS is a youth crisis program used over the entire state of Illinois for children and adolescents who present with a mental health crisis.

**Mary Landgren M.A, L.C.P.C.**, has provided outpatient therapy to adolescents and adults for over 4-years and facilitates the court ordered anger management group at Bridgeway.

**Linda Lee** is the Associate Director of Educational Technology and Innovation at Carl Sandburg College in Galesburg, IL. Linda holds various technology certifications as is a University of IL Master Online Teacher. Linda continues to teach technology courses while managing technology support and innovation for the academic side of the college. For the past 20 years she has served as facilitator for a myriad of professional development seminars through the Center for Agriculture, Business and Industry/Business & Community Education division of Carl Sandburg College. For over 20 years, she has been a certified trainer for several different software packages and traveled across the country conducting training workshops.

**Sandra Matassa** began her massage therapy career in 2012, having graduated near the top of her class from Carl Sandburg College with over 700 hours of massage training. She is fluent in trigger point, Swedish, deep tissue, prenatal and therapeutic hot stone massage. Sandra has experience doing on-site corporate massage. She enjoys having a successful private practice in Galesburg, IL. Clients appreciate her firm, strong touch and her intuition. She has learned that no two sessions are alike. Everyone has their own set of life experiences and a unique relationship to their body, which deeply affects their personal massage style preferences and needs. This understanding has enabled Sandra to utilize her training to tailor each massage session to the needs of her clients. Sandra has deep roots in her family of Native American healers and believes in the body's ability to heal itself and that massage therapy is one of the many paths to restoring health and wholeness to the body. She is also a strong supporter of self-care. As a cancer survivor, she is planning on learning more about oncology massage. In addition to massage, Sandra enjoys road biking, reading and gardening.

**Laura Bush** first discovered hatha Yoga in 1993 through a YMCA class in Champaign, IL and has since studied with Iyengar and Ashtanga instructors. Teaching in the Galesburg area since 2002, she earned her 200-hour Yoga teacher certification in 2011, and leads a weekly Thursday evening class at Knit 102. Laura enjoys sharing the benefits of yoga with students of all ages and abilities.

**Sally Scott** discovered Yoga through home practice over 15 years ago and ventured out into Galesburg's supportive yoga community. Feeling the positive effects of her own Yoga practice, she began the journey of Yoga education in 2008. Leading practice, 10:00 a.m. Tuesday – Saturday at Knit 102 Yarn, Yoga & More, fills Sally's need to share the benefits of Yoga with all levels and encourages all to find Yoga on their path to good health and well-being. Sally is a Galesburg Small Business owner and finds Yoga an integral part of her day.

**Leanne Simpson** has enjoyed Yoga since 2003 after accidentally & gratefully entering the Yoga room instead of the Cardio Room at Western Illinois University. After practicing for five (5) years, she received a certification in 2008 and has been teaching ever since. Leanne leads a weekly practice Tuesday nights at Knit 102 in Galesburg. Her goal is to further her practice as well as her students!

**APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM**

**IOWA DENTAL BOARD**  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

**Note: A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.**

1. Name of organization or person requesting approval: Cedar Valley Dental Implant Club  
Address: 526 Bluegrass Court Cedar Falls Ia 50613  
Phone: 319 266 3393 Fax: 319 266 6000 E-mail: reese@CFU.net

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): Dentists - Cedar Valley Implant Study Club

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: \_\_\_\_\_

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: 11-5-14 Hours of instruction: 2

#7590  
\$10

7. Provide the name(s) and briefly state the qualifications of the speaker(s): \_\_\_\_\_

Derek Pagel, Zimmer Dental representative,

8. Please attach a program brochure, course description, or other explanatory material.

9. Name of person completing application: Shawn E Reese DDS MS PC

Title: Periodontist/owner Phone Number: 319-266-3393

Fax Number: 319-266-6002 E-mail: reese@cfu.net

Address: 526 Bluegrass Court Cedar Falls Ia 50613

Signature: Shawn E. Reese Date: \_\_\_\_\_

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov). Continuing education guidelines and rules are also available on the Board's website. A course is generally acceptable and does not need to go through this formal approval process if it is directly related to clinical practice/oral health care.

Pursuant to Iowa Administrative Code 650—25.3(5), please submit the application for approval 90 days in advance of the commencement of the activity. The Board shall issue a final decision as to whether the activity is approved for credit and the number of hours allowed. The Board may be unable to issue a final decision in less than 90 days. Please keep this in mind as you submit courses for prior approval.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

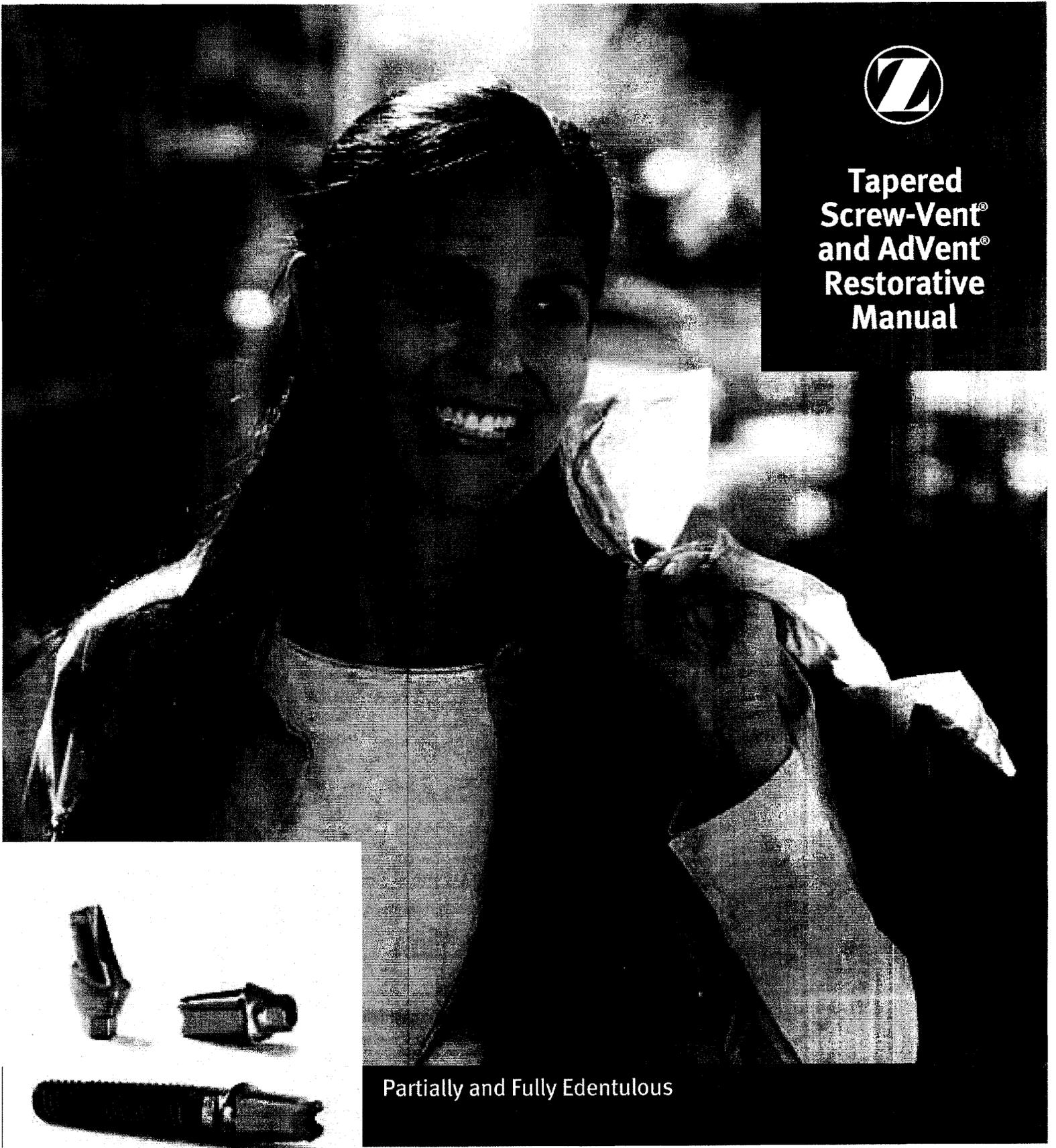
**Iowa Dental Board  
Continuing Education Advisory Committee  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687**

**Cedar Valley Dental Implant Club: Zimmer Dental, Implants**

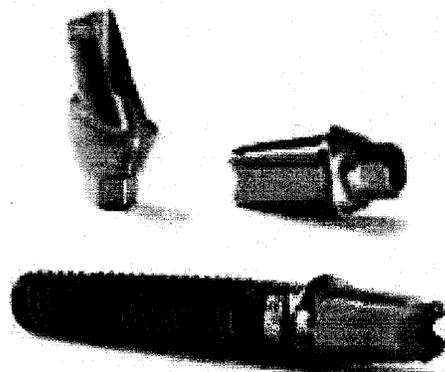
Due to the volume of materials provided with this course request, the manual, in its entirety, will be scanned and posted to the Board's website for further review for those who are interested. You may access the materials at <http://www.dentalboard.iowa.gov/board/meetings/index.html>. Please refer to the September 30, 2014 meeting date for the meeting materials.



**Tapered  
Screw-Vent®  
and AdVent®  
Restorative  
Manual**



Partially and Fully Edentulous



## Table of Contents

### General Information

Overview	1
Restorative Options	2
Surgical Procedures and Healing Components	4
Selecting Abutments	6
Abutment Flowchart	8

### Restorative Procedures

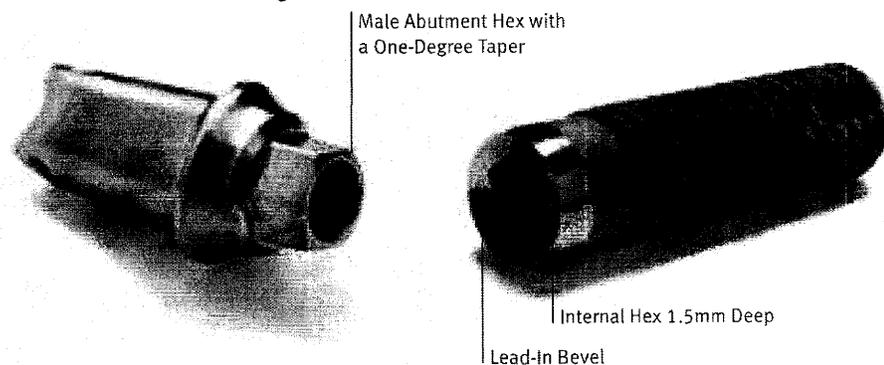
Indirect or Closed-Tray Transfer Technique	12
Direct or Open-Tray Transfer Technique	15
Immediate Impression Transfer Technique	18
<i>Hex-Lock™</i> Plastic Temporary Abutments	20
<i>Hex-Lock</i> Contour Abutment System	26
<i>Hex-Lock</i> Abutment System	32
Angled Abutment System	40
“Cast-To” Gold Abutment System, Engaging	52
<i>PureForm™</i> Ceramic System	60
Tapered Abutment System	68
<i>Locator®</i> Overdenture Attachment System	80
Ball Abutment System	86
Immediate Bar Fabrication	96
Non-Engaging Gold Abutment System	104

### Information

Prosthetic Armamentaria and Auxiliary Components	109
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\*Note: Images shown in the catalog may not be to scale.

Figure 1

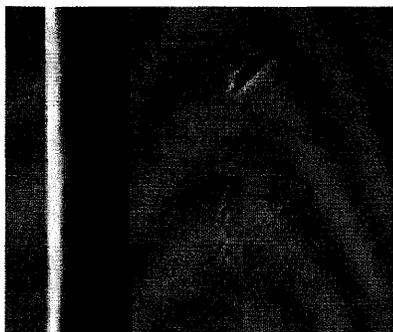


The Prosthetic Products Manual for *Tapered Screw-Vent* and *AdVent* product lines is designed to provide a detailed overview of the prosthetic procedures applicable to these implant systems. It also applies to prosthetics used for *Screw-Vent*® Implants that feature the proprietary internal hex with friction-fit connection.

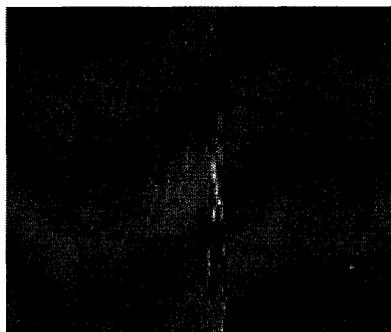
### Overview of the internal hex with friction-fit connection

Abutments for the internal hex implants have a male hex that tapers one degree from the base of the abutment body to the bottom of the hex (Figure 1). As the abutment is seated into the implant under applied torque, the abutment hex frictionally engages the walls of the implant's internal hex. The result is a friction-fit that virtually eliminates rotation between components. Scanning Electron Micrographs reveal the intimate fit that results in a virtual "cold weld" of components (Figures 2, 3).

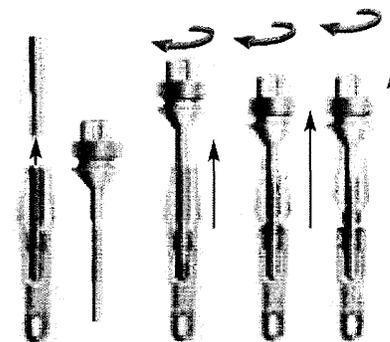
- 1.5mm deep internal hex distributes forces deeper within the implant, minimizing stress concentrations.
- Lead-in bevel improves ability to seat the abutment properly (Figure 1).
- Connection virtually eliminates rotational micromovement, tipping and effects of occlusal vibration on the abutment, the leading causes of screw loosening.
- Low profile of the internal connection improves esthetics and allows for a better emergence profile.
- Once the friction-fit is established, abutments can only be unseated from the implant with a special Abutment Removal Tool (Figure 4).
- Three prosthetic platforms are available for *Tapered Screw-Vent* Implants: 3.5mmD, 4.5mmD and 5.7mmD, and two *AdVent* prosthetic platforms: 4.5mmD and 5.7mmD.
- Components of both 5.7mmD platforms are cross-compatible. The 4.5mmD platform components are not.



**Figure 2** - SEM at 50X magnification shows intimate contact of the internal hex implant at both the beveled implant/abutment interface and the hexagonal engagement area.



**Figure 3** - SEM at 150X magnification displays the mechanical interlock in the hexagonal engagement area between the flats of the implant and abutment.



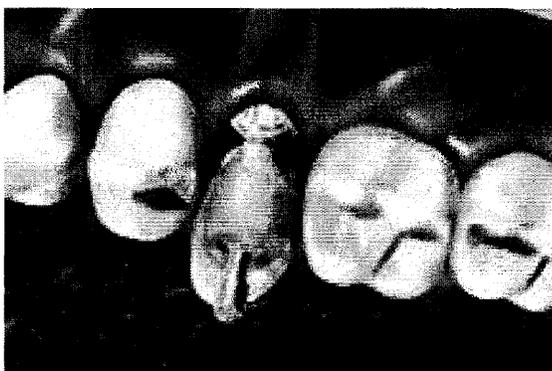
**Figure 4** - To remove a fully seated friction-fit abutment from the implant, the abutment screw must first be unthreaded and removed from the abutment body. An Abutment Removal Tool [TLRT] is then threaded through the abutment and into the implant. As the tool continues rotating, it will disengage the friction-fit connection and gently lift the abutment body off the implant.



### Abutment for cemented crown

Implant-supported prosthesis

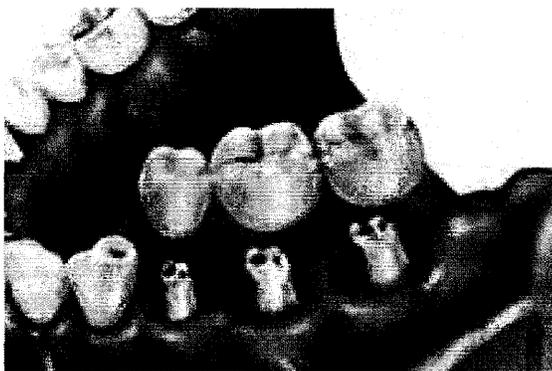
- The prosthesis is removable only by the dentist.
- Interdigitates with the implant's hex for anti-rotational stability.
- Forms a friction-fit that virtually eliminates the major causes of screw loosening.
- Prosthetic design should reflect cosmetic and hygiene considerations.
- Provides restorative ease and flexibility with *Hex-Lock Contour*, *Hex-Lock*, *Angled* and *"Cast-To" Gold* Abutment options.



### Abutment for screw-retained crown or combined post & crown

Implant-supported prosthesis

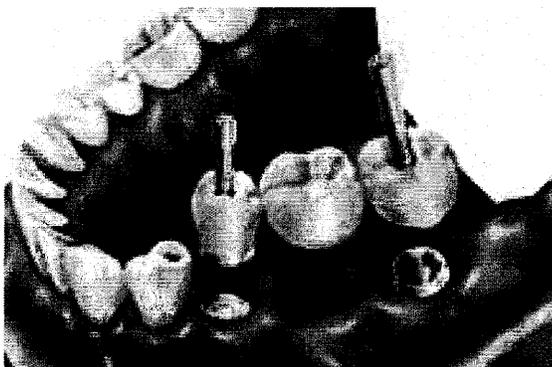
- The prosthesis is removable only by the dentist.
- Interdigitates with the implant's hex for anti-rotational stability.
- Forms a friction-fit that virtually eliminates the major causes of screw loosening.
- Prosthetic design should reflect cosmetic and hygiene considerations.
- Provides options for screw-retained crown and combined post & crown.
- Abutment type: *"Cast-To" Gold* Abutment.



### Abutment for fixed partial dentures

Implant-supported prosthesis

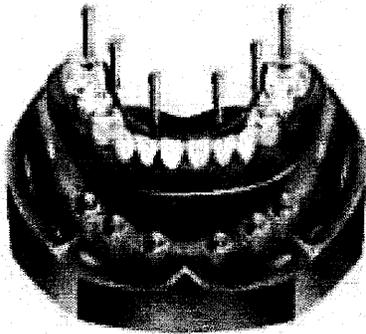
- The prosthesis is removable only by the dentist.
- Interdigitates with the implant's hex for anti-rotational stability.
- Forms a friction-fit that virtually eliminates the major causes of screw loosening.
- Prosthetic design should reflect cosmetic and hygiene considerations.
- Provides restorative ease and flexibility with *Hex-Lock Contour*, *Hex-Lock*, *Angled* and *"Cast-To" Gold* Abutment options.



### Abutment for screw-retained fixed partial denture

Implant-supported prosthesis

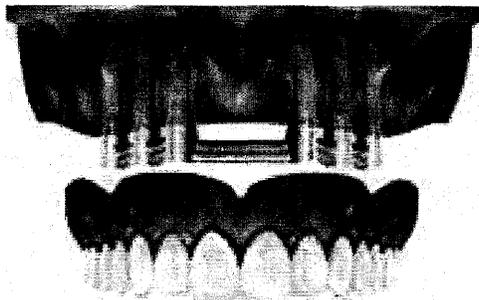
- The prosthesis is removable only by the dentist.
- Prosthetic design should reflect cosmetic and hygiene considerations.
- Abutment types: *Tapered Abutment*, *Non-Engaging Gold Abutment* or *AdVent Bar Copings*.



### Screw-retained denture

Implant-retained, implant-supported prosthesis

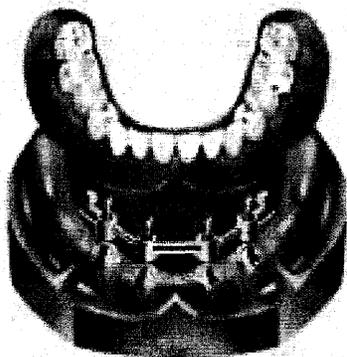
- This prosthesis is recommended primarily for the mandible.
- The prosthesis is removable only by the dentist.
- The secure fit offers the psychological advantage of a fixed prosthesis.
- Five to six implants are preferred for the mandibular prosthesis.
- Six to ten implants are preferred for the maxillary prosthesis.
- Prosthetic design should reflect cosmetic and hygiene considerations.
- Abutment types: Tapered Abutment, Non-Engaging Gold Abutment or *AdVent* Bar Copings.



### Bar overdenture

Implant-retained, implant-supported prosthesis

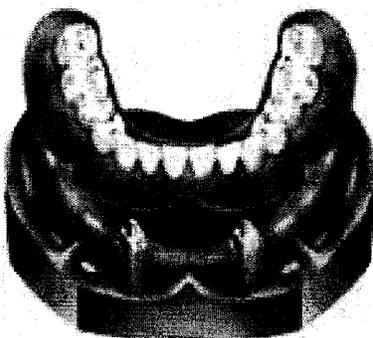
- This prosthesis is recommended for the maxilla and mandible.
- The overdenture is removable by the patient to facilitate hygiene and eliminate stress on the implant/prosthetic system when removed.
- The overdenture is stable and feels natural to the patient.
- Four to six implants are preferred for the mandibular prosthesis.
- Six to ten implants are preferred for the maxillary prosthesis.
- Various attachments are used to affix the denture to the bar.
- Abutment types: Tapered Abutment, Non-Engaging Gold Abutment or *AdVent* Bar Copings.



### Ball bar overdenture

Implant-retained, tissue-supported prosthesis

- This prosthesis is recommended primarily for the mandible.
- The overdenture is removable by the patient to facilitate hygiene and eliminate stress on the implant/prosthetic system when removed.
- Slight prosthetic movement, but is stable and feels natural to the patient.
- Four implants are preferred for the Ball Bar Overdenture.
- Abutment types: Tapered Abutment, Non-Engaging Gold Abutment or *AdVent* Bar Copings. *Locator* Bar Attachments and Castable ball patterns also available.



### Ball abutment or Locator abutment overdenture

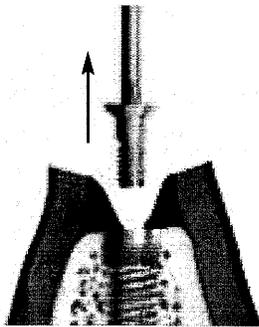
Implant-retained, tissue-supported prosthesis

- This prosthesis is recommended primarily for the mandible.
- The overdenture is removable by the patient to facilitate hygiene and eliminate stress on the implant/prosthetic system when removed.
- Denture movement is necessary, due to the limited number of implants.
- Retained by Ball Abutments or *Locator* Abutments on two implants.
- Two implants are required for a Ball Abutment or *Locator* Abutment Overdenture.
- Abutment type: Ball Abutment, *Locator* Abutment.

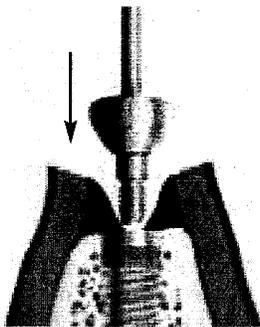
### Submerged (two-stage) surgical protocol

The submerged surgical protocol is the traditional method of placing root-form dental implants. Two-stage implant designs come preattached to a fixture mount, and are presterilized in double-vial packaging. After the implant is placed, the fixture mount is removed and a low-profile Titanium Surgical Cover Screw is threaded into the top of the implant. The soft tissue is then sutured over the implant, which remains submerged until osseointegration is achieved. A second surgery is then performed to expose the top of the implant. At this time, the cover screw is removed and a transmucosal Healing Collar is attached to the implant. Healing Collars are available in 3mm, 5mm and 7mm lengths, and in diameters of 3.5mm, 4.5mm, 5.5mm, and 6.5 mm. The soft tissue is sutured around the Healing Collar and allowed to heal. Once the peri-implant soft tissue sulcus has formed, prosthetic procedures are initiated by removing the Healing Collar to gain access to top of the implant.

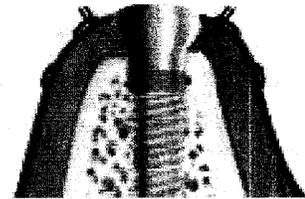
### Placing a Healing Collar at the second-stage surgery



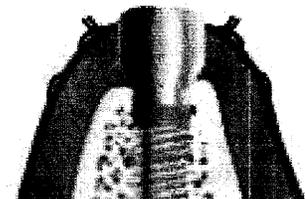
After the top of the implant is surgically exposed, unthread the Titanium Surgical Cover Screw from the implant with a 1.25mmD Hex Tool.



Select a 3mm- or 5mm-long Healing Collar according to the thickness of the surrounding soft tissue. Use a 1.25mmD Hex Tool to thread the Healing Collar into the implant.



Suture the soft tissue around the Healing Collar.

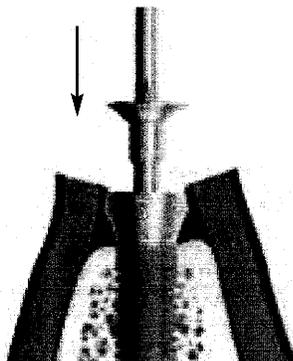


### Non-submerged (one-stage) surgical protocol

The one-stage surgical protocol eliminates the implant-uncovering, second-stage surgery mentioned above. The *AdVent* Implant features a 3mm high machined neck which in standard implant placement is supracrestal. If clinical conditions warrant it, the implant can also be placed with up to 2mm of its machined neck subcrestal to allow for either an esthetic type restoration or to accommodate for variations in soft tissue height or prosthesis fabrication.

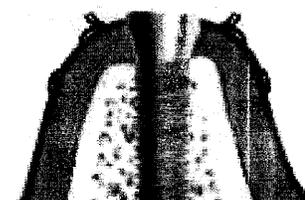
Included with the implant is an Extender [AVE or AV6E] which can be used to maintain soft tissue opening when the top of the implant is placed subgingival. It can also be utilized with select bar overdenture components (only 4.5mmD platform) to provide a variety of abutment height options.

### Placing a healing component at the first-stage surgery

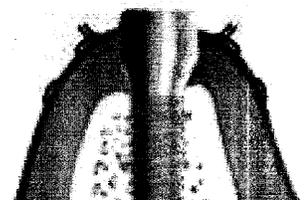


At time of implant placement thread the Titanium Surgical Cover Screw [AVSC or AV6SC] into the implant with a 1.25mmD Hex Tool.

A 3mmL Implant Extender [AVE or AV6E], which extends 1mmL past the implant interface, can be attached to the implant prior to placement of the Surgical Cover Screw. The extender increases the transmucosal portion of the implant by 2mmL in areas of thick mucosa.

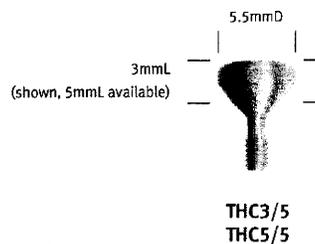
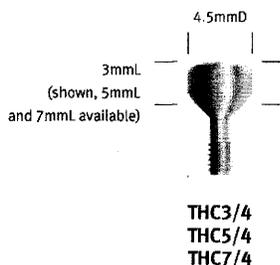
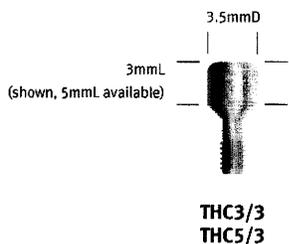


Suture the soft tissue around the Implant or healing component.

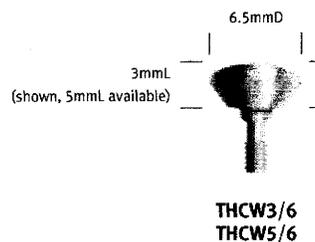
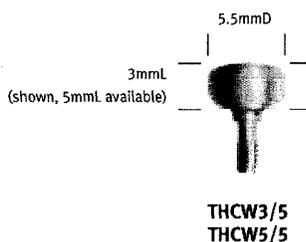
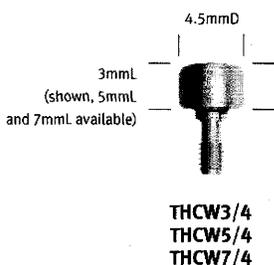


**Healing Collars for Tapered Screw-Vent and Screw-Vent Implants**

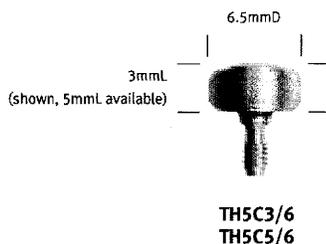
**3.5mmD Platform**



**4.5mmD Platform**



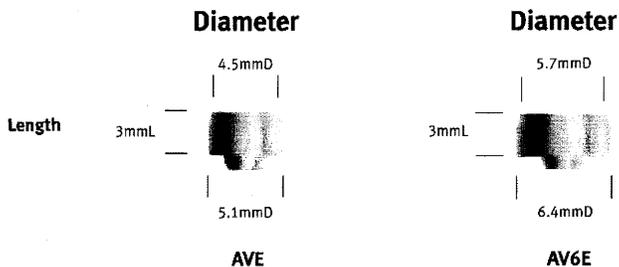
**5.7mmD Platform\***



\*Note: 5.7mmD platform components are also compatible with AdVent 5.7mmD platform.

**Implant Extender for AdVent Implants with 4.5mm and 5.7mm platform diameters**

**4.5mmD and 5.7mmD Platform Diameter**

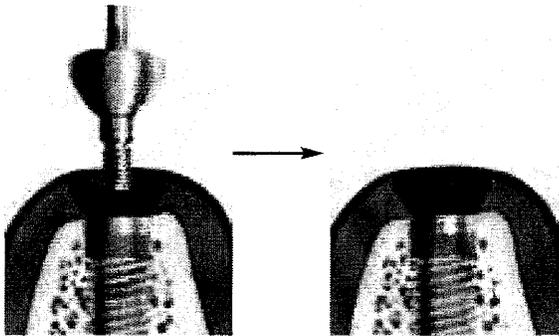


**“Cement-to” and screw-receiving abutment systems**

All hex-engaging abutments achieve a friction-fit with the implant, regardless of the implant’s design or type of connection. The abutments are assemblies that consist of a one or two-piece abutment body and an abutment screw. The base of the abutment body contains an external hex that interdigitates with the mating internal hex of the implant. This engagement prevents rotation when the abutment screw is threaded into the implant. To complete seating and fully engage the friction-fit, the abutment screw must be tightened to 30 Ncm. These components require the Removal Tool [TLRT2] to assist in the removal of the hex-engaging component from the implant once the abutment screw has been removed.

All non-engaging components consist of a one-piece base with an Abutment Screw [NEA3G and NEA4G] or an abutment body and screw machined in one piece, commonly referred to as a One-Piece Abutment [TAC series and BAC series]. These components do not engage the hex of the implant and can only be used for multiple-unit splinted restorations or attachment overdentures.

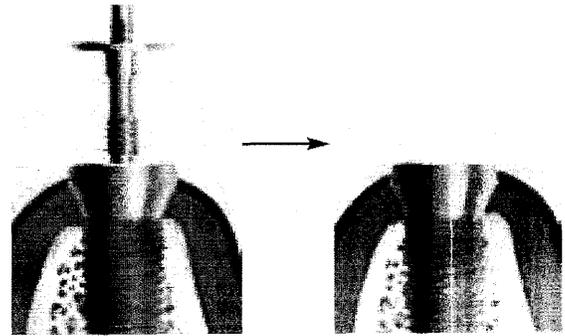
**Two-Stage, Submerged Surgical Protocol**



Remove the Healing Collar or provisional prosthesis placed at time of first- or second-stage surgery.

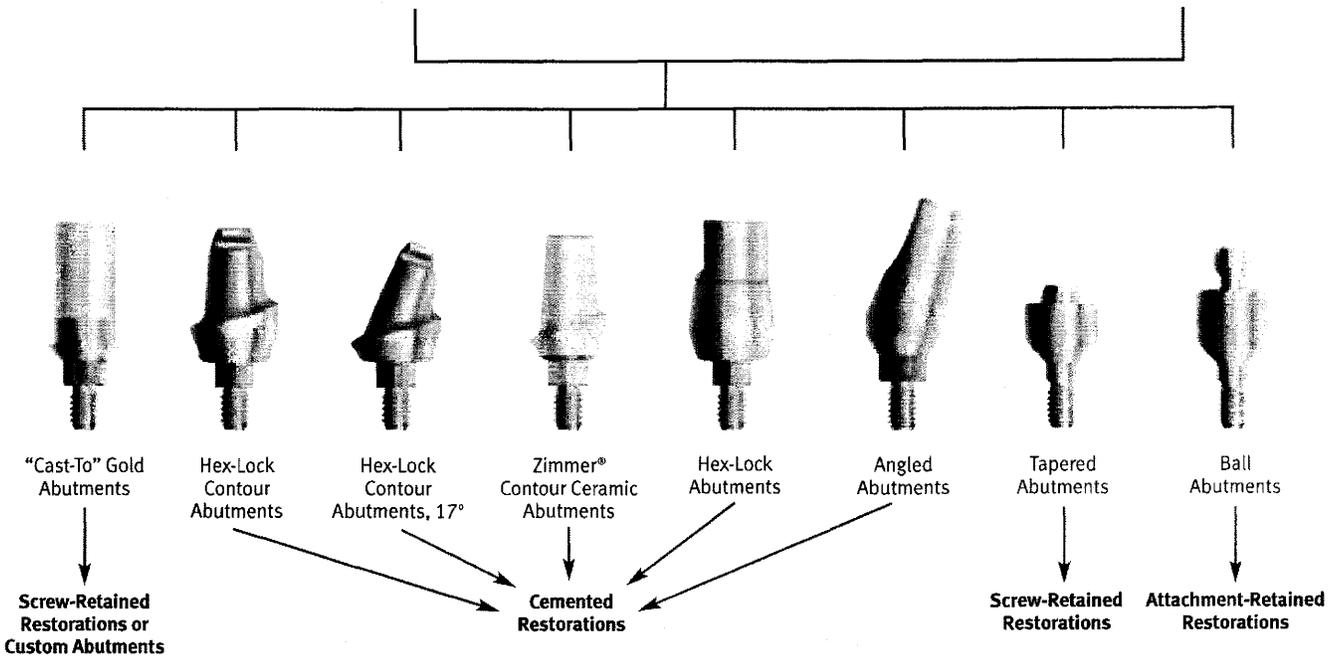
Attach the abutment directly to the implant.

**One-Stage, Non-Submerged Surgical Protocol (5.7mmD platform)**



Remove the Surgical Cover Screw [AV6SC] (and Implant Extender [AV6E] if attached) from the implant.

Attach the abutment directly to the implant. The Implant Extender [AV6E] cannot be used in the restorative phase.

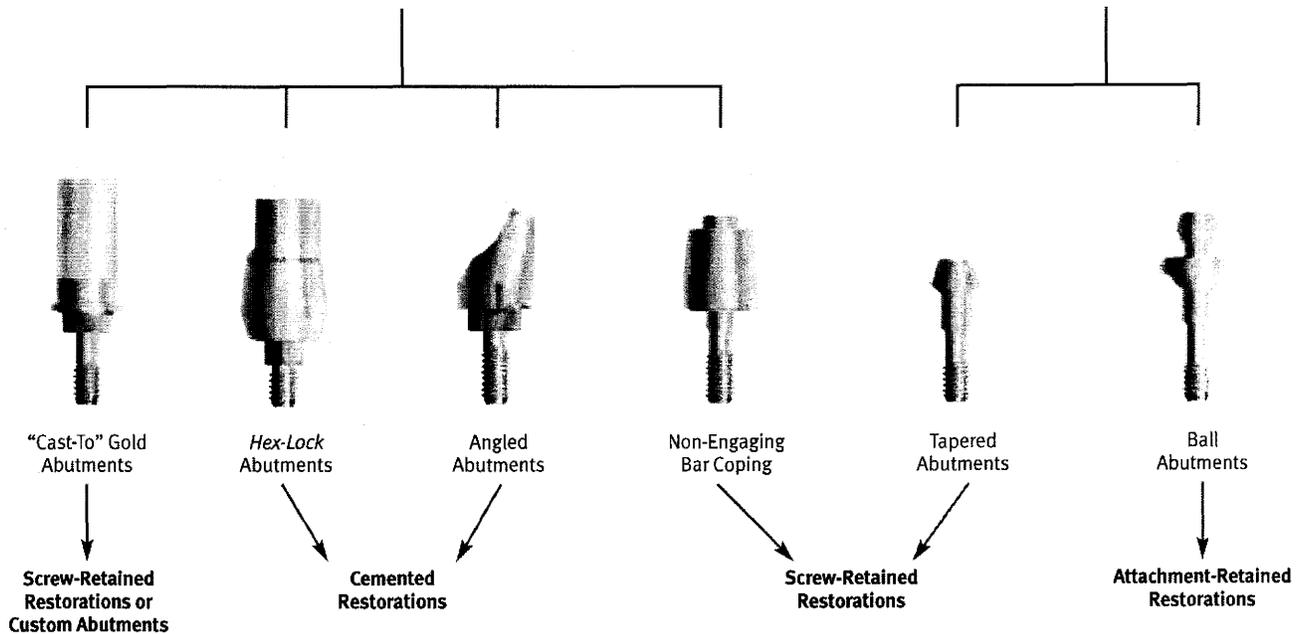
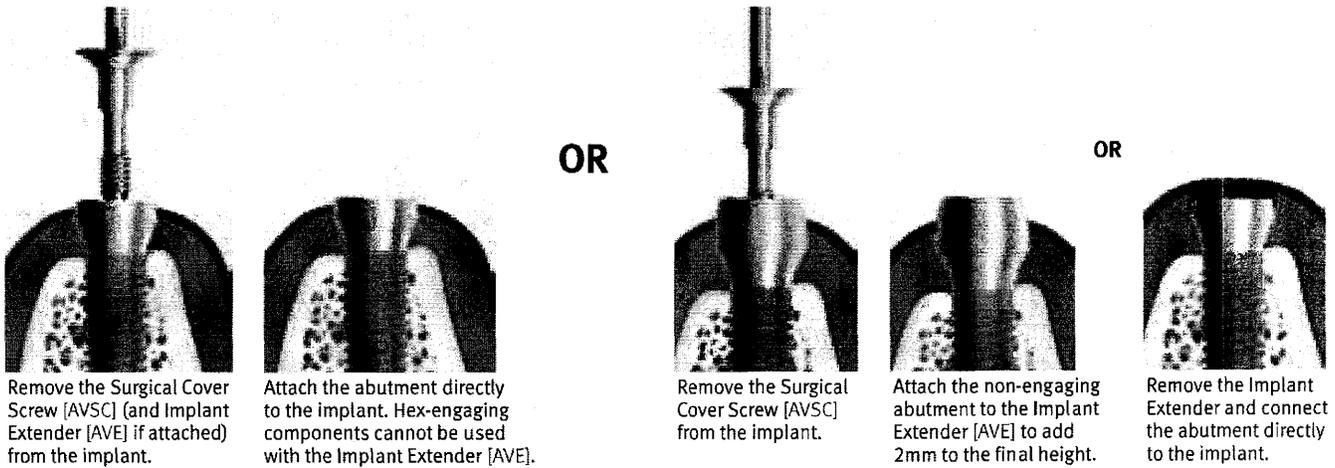


**“Cement-to” and screw-receiving abutment systems**

All hex-engaging abutments achieve a friction-fit with the implant. The abutments are assemblies that consist of a one- or two-piece abutment body and an abutment screw. The base of the abutment body contains an external hex that interdigitates with the mating internal hex of the implant. This engagement prevents rotation when the abutment screw is threaded into the implant. To complete seating and fully engage the friction-fit, the abutment screw must be tightened to 30 Ncm. These components require the Removal Tool [TLRT2] to assist in the removal of the hex-engaging component from the implant once the abutment screw has been removed.

All non-engaging components consist of a one-piece base with an Abutment Screw [AVGC3 and AVGC5] or an abutment body and screw machined in one piece, commonly referred to as a One-Piece Abutment [AVACT, AVACT3 and AVBA]. These components do not engage the hex of the implant and can only be used for multiple-unit splinted restorations or attachment overdentures.

**One-Stage, Non-Submerged Surgical Protocol**



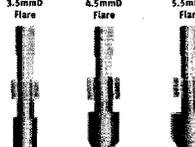
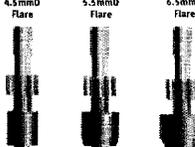
Zimmer Dental offers a full range of easy-to-use components to meet all your restorative needs. To use this guide, choose the column for the implant platform you wish to restore. You can follow the column down each page to identify the appropriate healing collars, transfer components and abutments for the type of restoration you are restoring: cement-retained, screw-retained or overdenture. Provisional abutments are also available.

- *Tapered Screw-Vent* Implants are offered with three color-coded prosthetic platforms: 3.5mmD, 4.5mmD & 5.7mmD.
- *AdVent* Implants feature a 4.5mmD platform that is different from the *Tapered Screw-Vent* 4.5mmD platform, and a 5.7mmD platform that utilizes *Tapered Screw-Vent* 5.7mm prosthetics.
- *Tapered Screw-Vent* (and soon *AdVent*) Implants are packaged with a proprietary Fixture Mount/Transfer which functions as a fixture mount, an impression post and/or a preparable temporary abutment. These parts can also be purchased individually.

**Tissue Healing**

	3.5mmD Platform	4.5mmD Platform	5.7mmD Platform*	AdVent 4.5mmD Platform
Healing Collar (3mm length pictured. Part #'s for 3mmL, 5mmL & 7mmL are listed)	 THC3/3 THC5/3 THC3/4 THC5/4 THC3/5 THC5/5	 THCW3/4 THCW5/4 THCW7/4 THCW3/5 THCW5/5 THCW3/6 THCW5/6	 TH5C3/6 TH5C5/6	 AVE (Implant Extender)

**Impression Transfer**

	3.5mmD Platform	4.5mmD Platform	5.7mmD Platform*	AdVent 4.5mmD Platform
Indirect Transfer (w/ screw for Closed Tray Impressions)	 HLT3/3 HLT3/4 HLT3/5	 HLT4/4 HLT4/5 HLT4/6	 HLT5/6	 AVT/4
Direct Transfer (w/ screw for Open Tray Impressions)	 3.5mmD Flare DHT3/3 DHT3/4 DHT3/5	 4.5mmD Flare DHT4/4 DHT4/5 DHT4/6	 5.7mmD Flare DHT5/6	 AVT/4 DHTS
Implant Analog	 IA3	 IA4	 IA5	 AVR

**Provisional Restorations**

	3.5mmD Platform	4.5mmD Platform	5.7mmD Platform*	AdVent 4.5mmD Platform
Plastic Temporary Abutment (w/ screw) can be used for Cement- or Screw-Retained Restorations	 HLPT3	 HLPT4	 HLPT5	
Fixture Mount/ Transfer (w/ screw)	 FMT3	 FMT4	 FMT5	 FMA4

Note: AdVent Implant 5.7mmD platform uses FMA5.

\*Note: 5.7mmD platform components are compatible with AdVent 5.7mmD platform.

**Cement-Retained Restorations, Straight**

	3.5mmD Platform	4.5mmD Platform	5.7mmD Platform*	AdVent 4.5mmD Platform
<b>Zimmer Contour Ceramic Abutment**</b> (w/ screw)	4.5mm flare  ZRA341S	5.5mm flare  ZRA342S	 ZRA451S	 ZRA452S
<b>Hex-Lock Contour Abutment</b> (w/ screw) (Abutments for 4.5mmD x 4.5mm flare are listed but not pictured)	4.5mm flare  ZOA341S	5.5mm flare  ZOA342S	6.5mm flare  ZOA343S	 ZOA451S
			 ZOA441S	 ZOA442S
			 ZOA453S	 ZOA443S
			 ZOA442S	 ZOA443S
			 ZOA561S	 ZOA562S
			 ZOA562S	 ZOA563S
			 ZOA563S	
Note: Impression caps, analogs, provisional copings and waxing copings sold separately by flare diameter. Call for availability.				
	3.5mm Flare	4.5mm Flare	5.5mm Flare	4.5mm Flare
<b>Hex-Lock Abutment</b> (w/ screw)	HLA3/3	HLA3/4	HLA3/5	AVHL/4
				AVHL/6

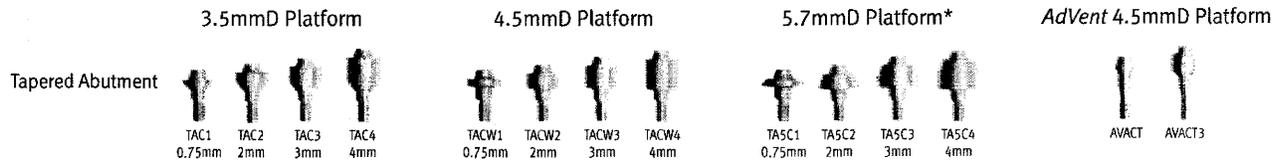
**Cement-Retained Restorations, Angled**

	3.5mmD Platform	4.5mmD Platform	5.7mmD Platform*	AdVent 4.5mmD Platform
<b>Hex-Lock Contour Abutment, 17°</b> (w/ screw) (Abutments for 4.5mmD x 4.5mm flare are listed but not pictured)	4.5mm flare  ZOA341A	5.5mm flare  ZOA342A	6.5mm flare  ZOA451A	 ZOA441A
			 ZOA452A	 ZOA442A
			 ZOA561A	 ZOA562A
			 ZOA562A	
Note: Impression caps, analogs, provisional copings and waxing copings sold separately by flare diameter. Call for availability.				
<b>20° Angled Abutment for 6 and 24 positions</b> (w/ screw)	 AH20/4	 AH20	 AH20W/5	 AH20W
			 ASH20/6	 ASH20
			 ASH20/6	
				 AVH20/4

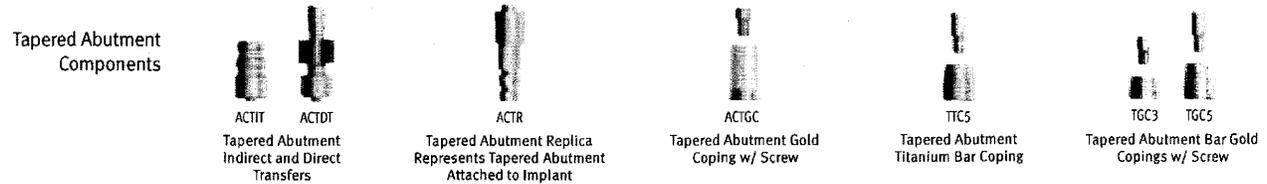
**Custom Restorations**

	3.5mmD Platform	4.5mmD Platform	5.7mmD Platform*	AdVent 4.5mmD Platform
<b>"Cast-To" Gold Abutment w/ screw</b>				
<b>Single-Unit Restorations (Engaging)</b>	 HLA3G	 HLA4G	 HLA5G	 AVGA
<b>Multi-Unit Restorations (Non-Engaging)</b>	 NEA3G	 NEA4G		 AVGC3 Bar Gold Coping w/ Screw
*Note: 5.7mmD platform components are compatible with AdVent 5.7mmD platform.				
**Call for availability.				

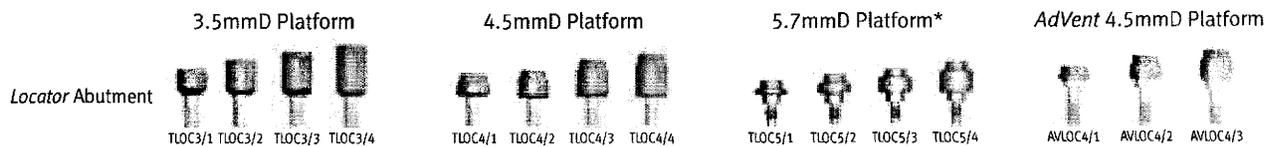
**Screw-Retained Restorations**



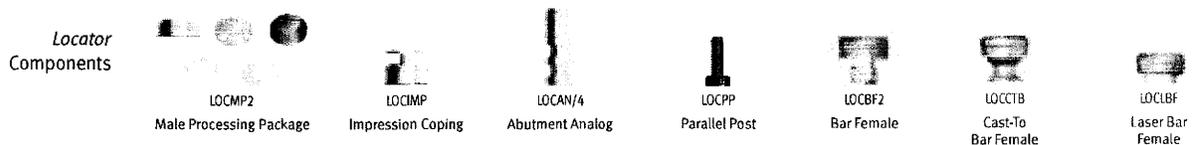
Note: Use AVE for additional 2mm of collar height when using Tapered Abutments on AdVent Implants. TAC5 and TACW5 also available.



**Overdenture Restorations**

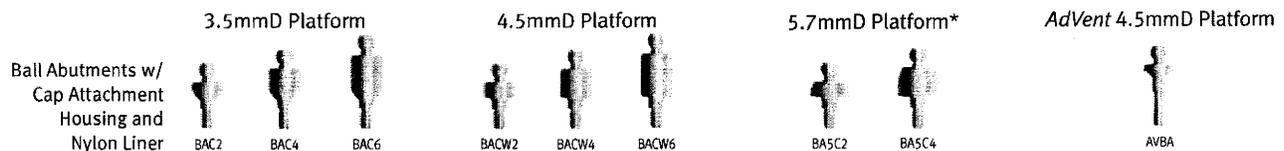


Note: Additional cuff options are available. See product catalog for complete list.



Note: Additional Locator Bar Components and Replacement Males are available. See product catalog.

**Overdenture Restorations**



Note: BAT and BAR not for use with the 5.7mmD platform abutment. Use AVE for additional 2mm of collar height when using Ball Abutments on AdVent Implants.

**Color-Coding for Internal Hex Platform**

The chart below indicates which color corresponds to each Tapered Screw-Vent and Screw-Vent internal hex platform diameter.

- ◆ Green 3.5mm Implant Platform
- ◆ Purple 4.5mm Implant Platform
- ◆ Yellow 5.7mm Implant Platform

\*Note: TSV 4.5mmD platform components are not interchangeable with AdVent 4.5mmD platform. 5.7mmD platform components can be used with TSV or AdVent Implants.

APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM

RECEIVED

SEP 11 2014

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

IOWA DENTAL BOARD

**Note: A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.**

1. Name of organization or person requesting approval: Dental Prosthetic Services, Inc.

Address: 1150 Old Marion Road, NE; Cedar Rapids, Iowa 52402

Phone: 319-393-1990 Fax: 319-393-8455 E-mail: dcurson-vieira@dpsdental.com

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): Dental Laboratory

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: 2014 Dental Sleep Medicine Symposium: A Collaborative Approach to Managing OSA

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: October 10, 2014 Hours of instruction: 7

#053507  
610

7. Provide a detailed breakdown of contact hours for the course or program:  
See Attached

8. Provide the name(s) and briefly state the qualifications of the speaker(s):  
See Attached

9. Please attach a program brochure, course description, or other explanatory material.

10. Name of person completing application: Deborah Curson-Vieira

Title: Marketing & Sales Director Phone Number: 319-393-1990

Fax Number: 319-393-8455 E-mail: dcurson-vieira@dpsdental.com

Address: 1150 Old Marion Road, NE; Cedar Rapids, Iowa 52402

Signature:  Date: September 5, 2014

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov).

You will be contacted after the Continuing Education Advisory Committee has reviewed your request. Please allow a minimum of two to three weeks for a response.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

**Iowa Dental Board  
Advisory Committee on Continuing Education  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687**

## **7. Breakdown of Contact Hours for the Course:**

**8:00am to 12:00pm—We will be running two concurrent sessions. Dentists are limited to session 1 only. Staff may choose from session 1 or session 2.**

### **Session 1—A Collaborative Approach to Managing Obstructive Sleep Apnea**

In the morning session, Dr. Erin Elliot will teach participants the tools and techniques to overcome clinical and administrative obstacles to incorporating sleep apnea therapy into their practice. Learning objectives include:

- Understand the health consequences of untreated OSA;
- Recognize predictors of treatment success so expectations of the dentist, physician, and patient can be properly managed;
- Identify anatomical or behavioral factors that may affect treatment decisions;
- Understand the importance of setting patient expectations from the first meeting;
- Appreciate the importance of treating OSA through a collaborative approach.
- Develop treatment protocols and understand how to manage side effects.

### **Session 2—Dental Sleep Medicine for Staff/Office Managers**

This course is intended for office personnel. Participants will get an overview of dental sleep medicine, including definitions of sleep disordered breathing, how dental offices identify and refer patients for testing, appliance selection and follow-up. Also included in the course is an in-depth discussion of new and existing patient protocol. This involves screening patients from check-in to hygiene checks, working with medical offices to create a referral system and document treatment. There will be limited discussion of updates to billing medical insurance for treatment.

## **1:00pm to 4:00pm—Combined Session**

In the afternoon session, Dr. Stephen Grant and Deanna Miller from Iowa Sleep Center will continue with the theme of creating a collaborative approach to managing OSA. Discussion points will include:

- Who is a typical sleep center patient and how does this benefit you?
- Arrival routes taken by patients, referrals and relationships
- Patients "front door" history, needs of a sleep center and why (BMI, Epworth Sleepiness Scale, Mallampati Classification, etc)
- Journey of a patient in a sleep lab, what to expect from the initial visit through therapy
- How to refer to a sleep center including direct referral and back referral
- Sleep center protocols and screening options
- Predictors of treatment success
- MD and DDS relationship, a successful collaboration
- Sleep specialist perspective of oral appliances
- Home Sleep Testing vs Polysomnogram
- In lab study review and the AHI
- PLMD, Insomnia, Central sleep apnea, CSR and other contraindications of mandibular advancement splints.
- Management of OSA and CPAP therapy

## **8. Speaker Qualifications:**

### **Erin Elliott, DDS**

Dr. Elliott is a graduate of Creighton University Dental School, where she graduated in the top 5 in her class. She is a partner at Post Falls Family Dental Center and Sleep Better Northwest in Post Falls, Idaho.

In addition, Dr. Elliott is an active member of the American Academy of Sleep Medicine and the American Academy of Dental Sleep Medicine. She has authored several articles on dental sleep medicine, including an article published in the October 2012 issue of Dental Economics entitled "Take the Time to Check for Sleep Apnea." She is considered a national expert in this growing field of dentistry and has lectured extensively educating dentists on how to incorporate dental sleep medicine into their practices.

**Stephen Grant, MD**

Dr. Grant is a graduate of the University of Colorado Health Sciences Center in Denver, Colorado, and completed a Fellowship in Sleep Medicine at Dartmouth Hitchcock Medical Center in Lebanon, New Hampshire. He joined Iowa Sleep in 2009.

Dr. Grant is board-certified in Sleep Medicine and Internal Medicine with both board certifications held under the American Board of Internal Medicine (ABIM). He is an active member of the American Academy of Sleep Medicine, the American Medical Association, and the Association of Medicine and Psychiatry. Dr. Grant also participates in a number of national and local speaking engagements including seminars, radio shows, business leadership forums, and conferences.

**Deanna Miller, RRT-NPS, RST, RPSGT, RCP**

Deanna Miller has been behind the scenes in medicine for over 18 years with the last five years in sleep. Much of Deanna's experience has been in intensive care units and emergency medicine providing care and ventilatory life support. The last several years Deanna has felt the need for patient advocacy and education and has worked on placing herself in a position in which she can assist other healthcare professionals in providing the best care for our patients. Deanna currently works for Iowa Sleep in Business Relations bridging the gap between patient, Provider and Sleep Physician.

**Colleen Digmann**

Colleen Digmann is the Sleep and Orthodontic Supervisor for Dental Prosthetic Services. She oversees the production of sleep appliances as well as works with dental offices to integrate dental sleep medicine into their practices. Prior to joining DPS, Colleen worked as an office manager for a successful dental practice for sixteen years.

RECEIVED

AUG 18 2014

to JDB  
8/15/14

IOWA DENTAL BOARD  
APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

**Note:** A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: EAST IOWA COMMUNITY COLLEGES

Address: 306 WEST RIVER DR. DAVENPORT, IA. 52801

Phone: 563-336-3447 Fax: 563-336-3451 E-mail: MBCIONES@EICC.EDU

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): COMMUNITY COLLEGE

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: USE OF FLUORIDE FOR CARIES PREVENTION

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: 9/18/14

Hours of instruction: 2

7. Provide the name(s) and briefly state the qualifications of the speaker(s): \_\_\_\_\_

SEE ATTACHED.

8. Please attach a program brochure, course description, or other explanatory material.

SEE ATTACHED.

9. Name of person completing application: MARY BRIONES

Title: ASSOC. DIC. HEALTH Phone Number: 563-336-3447

Fax Number: 563-336-3451 E-mail: mbriones@icll.edu

Address: 306 WEST RIVER DR. DAVENPORT, IA. 52801

Signature: Mary Briones Date: 8/15/14

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov). Continuing education guidelines and rules are also available on the Board's website. A course is generally acceptable and does not need to go through this formal approval process if it is directly related to clinical practice/oral health care.

Pursuant to Iowa Administrative Code 650—25.3(5), please submit the application for approval 90 days in advance of the commencement of the activity. The Board shall issue a final decision as to whether the activity is approved for credit and the number of hours allowed. The Board may be unable to issue a final decision in less than 90 days. Please keep this in mind as you submit courses for prior approval.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

**Iowa Dental Board  
Continuing Education Advisory Committee  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687**

## DAVID L. LAMONT

1403 Hillside Drive NW  
Cedar Rapids, IA 52405

319.431.1699

lamontd113@aol.com

### SUMMARY

Top-performing **Sales Representative** with a consistent track record of surpassing established quotas and revenue targets. Consistently gain and maintain strong relationships with medical and dental professionals, resulting in exclusive privileges and opportunities to grow business. Utilize Plan of Action, product knowledge and strong closing skills to increase market growth.

### PROFESSIONAL EXPERIENCE

#### COLGATE ORAL PHARMACEUTICALS

2011- Present

##### Oral Care Consultant

Tasked with building relationships with Dentists and promoting a range of Professional dental products for Colgate Oral Pharmaceuticals selling direct and through a third party distributor sales force. Responsible for all areas of the Colgate professional business including driving professional recommendations, market shares, territory sales results, account penetration, financial return and professional relations.

- Selected for the Children's Marketing Team in January 2014
- Ranked 4<sup>th</sup> in Nation of 126 in sales growth for 2012, 1<sup>st</sup> in Region
- Exceeded Launch goal of new products by 270% in 2012, 1<sup>st</sup> in Region
- Led Region with aligned Henry Schein Iowa center growth vs. 2011, 2012, 2013
- Primary resource for in-depth product knowledge to include Colgate Total to accounts and 3rd party distributor by articulating the science/clinical efficacy and features/benefits of the complete Colgate Oral Pharmaceuticals product line.
- Build and maintain successful working relationship through effective communication with both internal and external customers to include Call Center, Marketing, Henry Schein Dental, and the Dental Professionals.

#### GLAXOSMITHKLINE

2005 – 2010

##### Executive Pharma Sales Representative 2009-2010

Establish and maintain positive relationships with primary care physicians, specialists (Allergist, Pulmonologists and ENT's) in Eastern IA. Engage practitioners with evidence-based medicine in order to promote the use of Advair, Veramyst, Ventolin HFA.

- Facilitate the placement of GSK products on inpatient hospital formularies resulting in increased revenues in a highly competitive market.
- Established access to customers in "no-see" offices resulting in exclusive privileges and opportunities to grow business where competitors could not which led to top 4% National Ranking in 2010.
- Applied dialogue selling to become ranked in top 20% over four year period.

##### Senior Parma Sales Representative 2007-2009

Promoted the use of Advair, Vesicare, Valtrex, Flovent, and Veramyst by targeting primary care physicians, specialists (Allergist, Pulmonologists, OBGYN's, Urologists and ENT's), pharmacists, and hospital staff in Eastern IA.

**DAVID L. LAMONT****PAGE 2****GSK (Continued)**

- Led a successful product launch for Veramyst in the eastern Iowa territory, organized sales call contact information and Rx data, formulated a target list and call schedule for the territory which increased market volume by 15% in launch year.
- Communicated clearly with team members and executed strategies to achieve business goals resulting in a key talent double digit pay increase in 2009, when no raises were given to employees.
- Consistently score expert marks in division call criteria by displaying vast product knowledge and strong closing skills allowing a top 10% ranking in 2009.

**Pharma Sales Representative 2005-2007**

Marketed and sold pharmaceutical products to selected primary care and specialty clinics in Eastern Iowa.

- Designed a 1-year sample template and strategy for the district sales team, which reduced samples by 40% and increased market share by 11%.
- Fulfilled customers' clinical needs by sharing pertinent clinical data and best practices of medical specialists, organizing roundtable discussions, and providing patient assistance information.
- Contributed business plan templates and presentations for the territory, district and regional sales teams helping them to be more proficient at increasing market share.
- Planned speaker programs and promotional events, attended medical conventions which strengthened relationships with healthcare professionals.

**MAGID GLOVE & SAFETY LLC, Chicago, IL****2002 – 2005****District Sales Manager**

Managed an Eastern Iowa territory selling PPE and First Aid Supplies for all Manufacturing Facilities in a highly competitive market. Involved in all aspects of Business (Sales, Marketing, Purchasing, and Accounts Receivables) allowing full understanding of business.

- Increased sales for all consecutive years by focusing on unique solutions and persuasive selling techniques.
- Successfully met with safety directors to analyze and find better solutions for their safety equipment which doubled sales and profit of territory in first two years of employment.
- Demonstrated dynamic relationship building skills to gain #1 Ranking of new accounts in the Nation and Region
- Reduced clients overall safety budgets by 20% which led to increase in sales to become Regional Sales Rep of the week / month.

**CONTINENTAL RESEARCH CORPORATION, St. Louis, MO****2000 – 2002****Sales Representative / Account Executive**

Represented an East Central Iowa territory selling a full line of chemicals to procurement managers at: Hospitals, Nursing Homes, Schools and City / Government organizations.

- Transformed an under-performing territory into the fastest growing territory in the state, increasing East Central Iowa territory by over 600%.
- Demonstrated strong closing skills leading to exceeded sales goals and top 25 Sales rep ranking.
- Created effective routing that improved efficiency and allowed 25% sales increase in first six months.
- Exceeded sales annual goals, resulting in being chosen to attend annual Sales meeting held for top Sales Reps

**EDUCATION**

**BBA, Graceland College, Lamoni, IA, 2000 Co-Captain - Varsity Football**

***Course description / Objectives***

***THE USE OF FLOURIDE FOR CARIES PREVENTION FOR YOUR PATIENTS***

***Presenter; David Lamont - Oral Care Consultant for Colgate***

***This will be a two hour presentation for the dental professional. Mr. Lamont will be showing both powerpoint and hands on on how fluoride works for the prevention of caries and for patient teeth sensitivity. The dental professional will also be shown how fluoride works on demineralized teeth. Know when to recommend take home fluorides.***

## **CONCLUSION**

- ***The dental professional will be able to understand how fluoride interacts on tooth structure***
- ***the dental professional will be able to instruct the patient on the need for fluoride***
- ***understand and see the different strengths of fluoride and why and when to use them***
- ***be able to communicate why seniors as well as small children need fluoride***
- ***understand when to recommend take home fluorides***

**APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM**

**RECEIVED**

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

SEP 12 2014

IOWA DENTAL BOARD

**Note:** A fee of \$10 *per course* is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: JAMES F. PERIO, DDS, MS  
Address: 1660 Embassy West Dr. Dubuque, IA 52002  
Phone: 563-557-7569 Fax: 563-557-7570 E-mail: Jmfperio@aol.com  
Dubuqueperio@govsg.net

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): Private office offering a course

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: "Laser Assisted New Attachment" (LANAP) for Periodontal Regeneration... A Breakthrough in Periodontal Treatment"

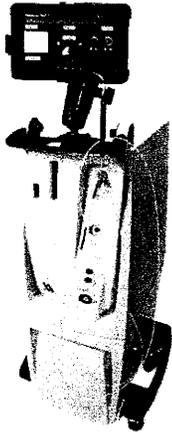
5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: 10/29/14

Hours of instruction: 2

#8529  
\$10



## Make plans to join Dr. Fili for this free course!

Participants will receive 2 CE credits

**Wednesday, October 29th**

Registration - - - - - 5:30

Course - - - - - 6:00

*Drinks and hors d'oeuvres will be served*

### **Dubuque Shooting Society**

10380 U.S. 52 Dubuque, IA 52001

Space is limited!

Please RSVP to Lisa at **(563) 557 - 7569**

or by emailing

**[www.dubuqueperio@yousq.net](mailto:www.dubuqueperio@yousq.net)**

*Dr. Fili is the first periodontist in the state of Iowa to offer LANAP laser treatment. With LANAP, Dr. Fili is now able to offer your patients a minimally invasive surgical approach. This provides more comfort and less fear for your patients.*

**James M. Fili, DDS, MS, PC**  
**Dubuque Periodontics**

1660 Embassy West Drive Suite 225  
Dubuque, IA 52002

[www.dubuqueperiodontics.com](http://www.dubuqueperiodontics.com)

[www.dubuqueperio@yousq.net](mailto:www.dubuqueperio@yousq.net)

(563) 557 - 7569

### Topics Covered Include:

Basic Overview of laser physics

Different dental laser wavelengths on the market and their clinical applications

A minimally invasive laser alternative for treating moderate to advanced periodontal disease

LANAP - the first FDA cleared laser protocol for periodontal regeneration

Overview of the human histology studies documenting new cementum, PDL, connective tissue and bone with the patented LANAP protocol

Case selection for scaling and root planing vs. the LANAP procedure

The use of lasers in dentistry is rapidly increasing. Breakthroughs in the treatment of periodontal disease have made their way into the periodontal literature and the mainstream media.



This course will provide a basic understanding of the various lasers in the dental marketplace and their common uses. In addition, it will focus on positive human histological outcomes for the periodontal regeneration using the PerioLase MVP-7 nd: YAG laser in conjunction with the patented "Laser Assisted New Attachment Procedure", or LANAP.

**APPLICATION FOR POST APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM**

**IOWA DENTAL BOARD**  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
Phone (515) 281-5157  
www.dentalboard.iowa.gov

NOTE: A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.

1. Course Title: HPV-Head, Neck and Oral Cancer. Her assistant sent the wrong power point. She sent one that has been presented
2. Course Subject: to other Dental Professionals titled, "HPV 101: What Dental Health Professionals should know." CEU cards were printed HPV-Head, Neck and Oral Cancer.
  - Related to clinical practice
  - Patient record keeping
  - Risk Management
  - Communication
  - OSHA regulations/Infection Control
  - Other: \_\_\_\_\_
3. Course date: June 14, 2014 Hours of instruction: 2
4. Provide a detailed breakdown of contact hours for the course or program:  
8:30am - 10:30am questions followed presentation at 10:20am.
5. Name of course sponsor: IDAA SE District  
Address: 1765 210<sup>th</sup> St, Oskaloosa, IA 52577
6. Which of the following educational methods were used in the program? Please check all applicable.
  - Lectures
  - Home study (e.g. self assessment, reading, educational TV)
  - Participation
  - Discussion
  - Demonstration

7. Provide the name(s) and briefly state the qualifications of the speaker(s): Dr. Sharon Bertoché - Family Physician who has education regarding HPV prevention and detection. She has given numerous lectures including 20<sup>th</sup> annual cancer conference for dental health professionals and Iowa Concept Consortium 8/2013.
8. Please attach a program brochure, course description, or other explanatory material.
9. Name of person completing application: Jeannene Veenstra<sup>±DAA</sup> - SE District Trustee  
 Title: ±DAA District Trustee Phone Number: 641 673-8894  
 Fax Number: 641 673 8894 E-mail: JV1egs@hotmail.com  
 Address: 1765 210<sup>th</sup> St, Oskaloosa, IA 52577  
 Signature: Jeannene Veenstra Date: 7-17-14

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov). Continuing education guidelines and rules are also available on the Board's website. A course is generally acceptable and does not need to go through this formal approval process if it is directly related to clinical practice/oral health care.

You will be contacted after the Continuing Education Advisory Committee has reviewed your request. Please allow a minimum of two to three weeks for a response.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

**Iowa Dental Board  
 Advisory Committee on Continuing Education  
 400 S.W. 8<sup>th</sup> Street, Suite D  
 Des Moines, Iowa 50309-4687**

### **Purpose and Objectives**

The purpose of this program is to offer dental health professionals the opportunity to learn about current issues involved in the early diagnosis and detection of oral lesions.

Upon completion of this program, participants will be able to:

- Identify suspicious lesions of the oral mucosa
  - Understand basic information about the human papillomavirus (HPV)
  - Identify dental patients at high risk for HPV
-

## HPV 101: What Health Professionals Should Know

Sharon Bertruche, MD

## HUMAN PAPILLOMAVIRUS (HPV)

What should we know...

Treated with Antibiotics Bacterial	No cure except vaccine Viral
o Chlamydia	o Hepatitis B (HBV)
o Gonorrhea	o HIV/AIDS
o Syphilis	o Genital Herpes
o Bacterial Vaginosis	o HPV
o Trichomonas	

### SEXUAL EXPOSURE CHART

(If every person has only the same number of partners as you)

Number of Male Partners	Number of High-Risk Partners
1	1
2	3
3	7
4	15
5	31
6	63
7	127
8	255
9	511
10	1023
11	2047
12	4095

## HPV

- o NOT PREVENTED WITH A CONDOM
- o THIS IS THE CAUSE OF CERVICAL CANCER IN WOMEN
- o MOST INFECTED DO NOT KNOW IT, BUT CAN PASS IT ON DURING SEX

Unlike Bacterial STDs, HPV CANNOT BE STOPPED

## STD'S Can Involve the Entire Female Reproductive System

## How have STDs progressed over the years?

**STDs (Sexually Transmitted Diseases)**

- 1980's - use Condoms: Syphilis, Gonorrhea, Chlamydia
- 1990's - use Condoms: HIV, Hepatitis B Virus
- 1990's - Condoms Ineffective: Herpes Virus, HPV

## Total Infected with Viral STDs (United States - 2000)

STD	# Infected
o HSV-1	45,000,000
o HPV	20,000,000
o Hepatitis	3,950,000
o HIV/AIDS	200,000
<b>Total Viral STDs</b>	<b>69,850,000</b>

### STDs: How Common?

- Incidence: new cases per year
- Prevalence: total currently infected
- Reportable: CDC Nationally Notifiable Disease
- Age Group: younger vs older

### Sexually Transmitted Diseases

- Of all infections that are reported to the CDC, approximately 87% are STDs
- 18.9 million new cases of STDs per year
- Over 9 million STDs in 15 to 24 years olds

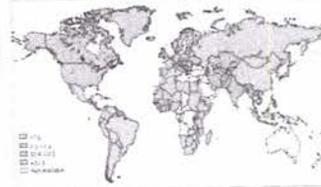


Figure 3. Estimated HPV DNA prevalence by the world region. In comparison, based on a study survey of 75 African countries (27% of the women with normal cytology). Current estimates for global prevalence of HPV are similar to the distribution of HPV prevalence.

### STDs: How Common? Estimated Incidence 2000 Total New STDs: 18,900,000

- |                         |                      |
|-------------------------|----------------------|
| ○ Trichomonas 7,400,000 | ○ Hepatitis B 78,000 |
| ○ HPV 6,200,000         | ○ Syphilis 70,000    |
| ○ Chlamydia 2,800,000   | ○ HIV/AIDS 40,000    |
| ○ HSV-2 1,600,000       | ○ Hepatitis C 25,000 |
| ○ Gonorrhea 718,000     |                      |

### Sexually Transmitted Diseases in Adolescents...

According to the CDC, adolescents (10-19 yr olds) are at higher risk for acquiring STDs than adults

- Multiple sexual partners
- High risk partners
- More susceptible to infection

### How is HPV tested with over 100 strains?

- Common warts- HPV types 1,2,3,4,7,10 these would be fingers, hands and knees etc.
- Genital warts- HPV types 6 and 11
- Abnormal pap smears-  
Low Risk- 6, 11, 42, 43, 45, 49, 51, 61, 70, 72, 81  
High Risk- 16, 18, 31, 33, 35, 39, 42, 43, 45, 56, 58, 59, 68  
(under lined are 50% of cervical cancers)

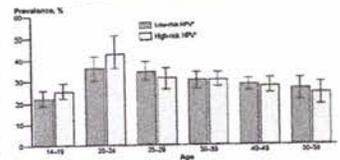
### STDs: How Common? Estimated Prevalence 2000

- |                         |                    |
|-------------------------|--------------------|
| ○ HSV-2 49,000,000      | ○ HIV/AIDS 900,000 |
| ○ HPV 20,000,000        | ○ Trichomonas ?    |
| ○ Hepatitis 2,700,000   | ○ Gonorrhea ?      |
| ○ Chlamydia 1,900,000   | ○ Syphilis ?       |
| ○ Hepatitis B 1,250,000 |                    |

### How Common is HPV Infection

- Over 50% of sexually active women have been infected with approximately 15% showing evidence of current infection
- HPV related mortality is similar to that of HIV for women in the U.S.
- Sexually active adolescents have a high rate of infection and associated abnormal Pap Smears

Human Papillomavirus—Prevalence of High-risk and Low-risk Types Among Females Aged 14–59 Years, National Health and Nutrition Examination Survey, 2003–2006



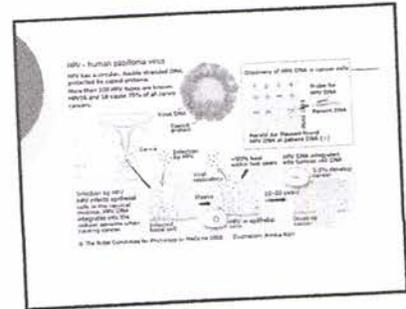
HPV = human papillomavirus.  
NOTE: Only low-risk HPV infections showed. Both high-risk and low-risk HPV types were common in older women.  
SOURCE: Huh W, Cullen CR, Brackley M, Gorman SP, Paauw D, Peier S, et al. Prevalence of genital HPV among females in the United States. The National Health and Nutrition Examination Survey, 2003–2006. JAMA. 2006; 295:2589–2596.

## Pap Smears

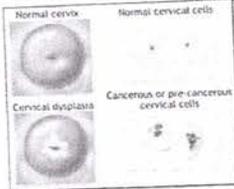
- Normal - ASCUS - LSIL - HSIL - CANCER
- Normal HPV HPV HPV HPV
- 90% will be cured spontaneously over 10 years
- 10% can progress to Cancer which can be avoided:
  - Colposcopy
  - LEEP Procedure

## HPV Positive Oral Cancer

- Majority are positive for HPV 16
- Occur in a younger age group
- Occur more in white males & non-smokers
- Occur in the tonsillar area, base of tongue, & oropharynx
- This is the fastest growing segment of oral cancer



## HPV can appear in normal or pre-cancerous forms



## HPV Negative Oral Cancer

- Occur during the 5-7<sup>th</sup> decade of life
- Occur in the anterior tongue, floor of mouth, mucosa that covers the inside of the cheeks and alveolar ridges
- Occur in patients that use tobacco or drink a lot of alcohol

## Smoking and Drinking Help Promote HPV Invasion

- This effect is additive - one factor alone can be enough to begin the cellular process that leads to cancer

## Risk Factors For Oral Cancer

- Tobacco
- Alcohol
- HPV

## Histology of Oral Cancer

- Majority are epithelial (particularly squamous cell cancer)
- Majority of cervical cancers are also squamous cell
- The cervix and mouth at the cellular level are very similar

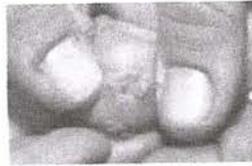
## Having Six or more partners over a lifetime...

- Was associated with a 3.4 times higher risk of oral cancer
- This association increased as the number of partners increased

Tonsillar and base of the tongue cancer have increased every year since 1975.

- o 1992- 75% men aged 20-59 and 70% women had ever had or received oral sex
- o 2002- 90% men aged 25-44 and 88% women reported ever having oral sex with a partner of the opposite sex

## HPV



## "SPREAD THE WORD"

You and your child's health depend on it

## State of Iowa- Chapter 12 Physical Ed and Health Requirements

- o Grades 1-6 Health: instruction...and the characteristics of communicable diseases, including immune deficiency syndrome.
- o Grades 7-8 Health: instruction...communicable diseases, including sexually transmitted diseases and acquired immune deficiency syndrome.
- o Grades 9-12 Health (one unit): instruction...including sexually transmitted diseases, acquired immune deficiency syndrome, crucial health issues, human sexuality, self-esteem, stress management and interpersonal relationships.

HPV is considered a communicable disease. HPV can be passed from one person to another through physical contact.

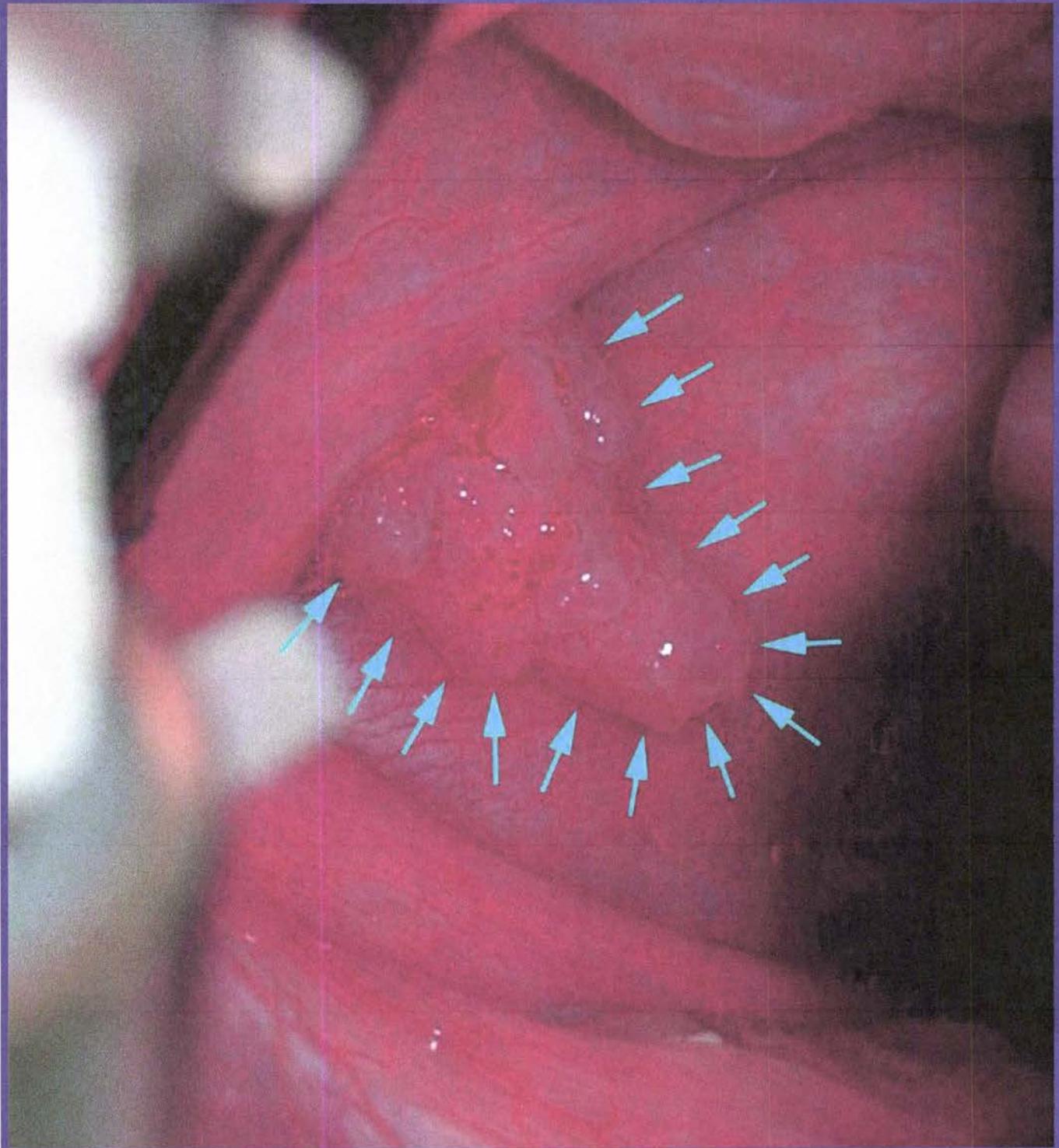


## CHALLENGES

- o Political- Help change Chapter 12 requirements to include HSV & HPV
- o School System- to include HSV & HPV in education programs
- o Healthcare Professional- talk with patients who are parents to encourage communication
- o Parents- talk with your children- don't joke

## oral cancer



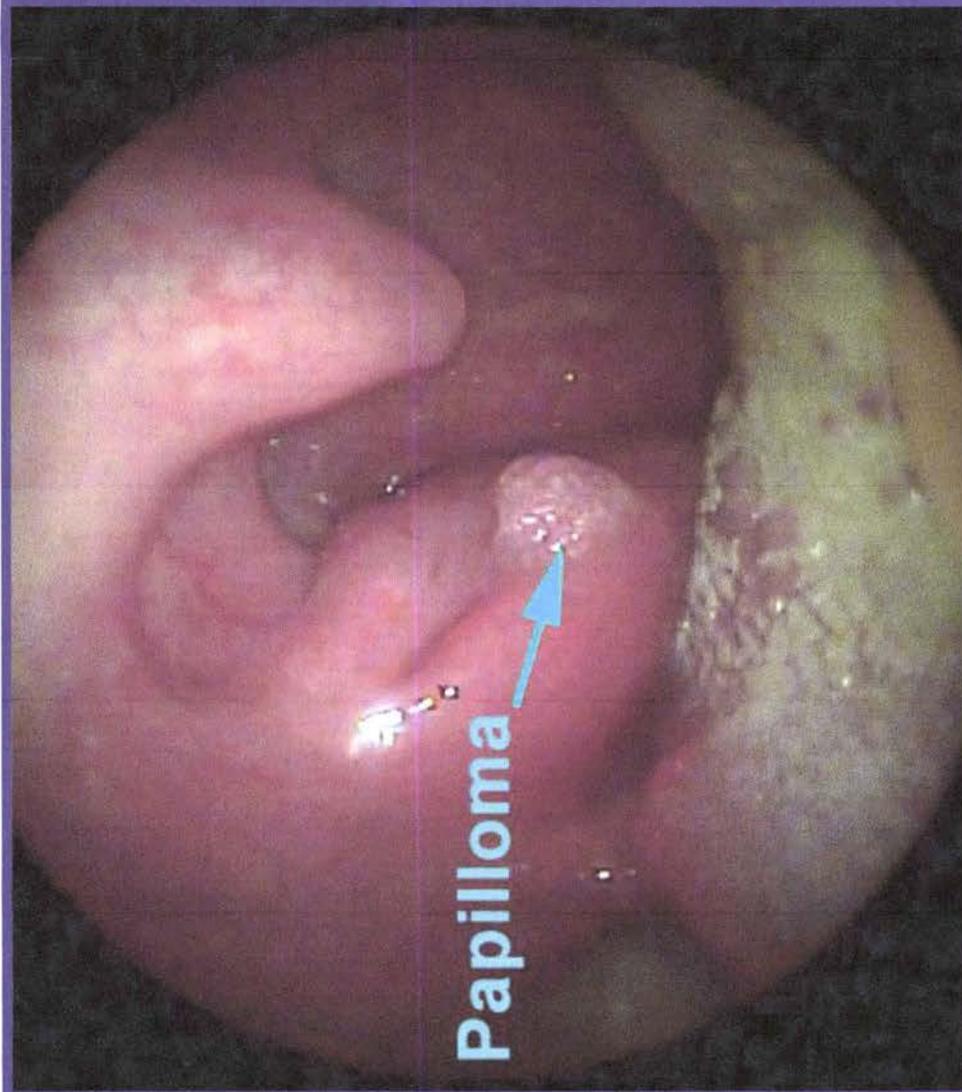






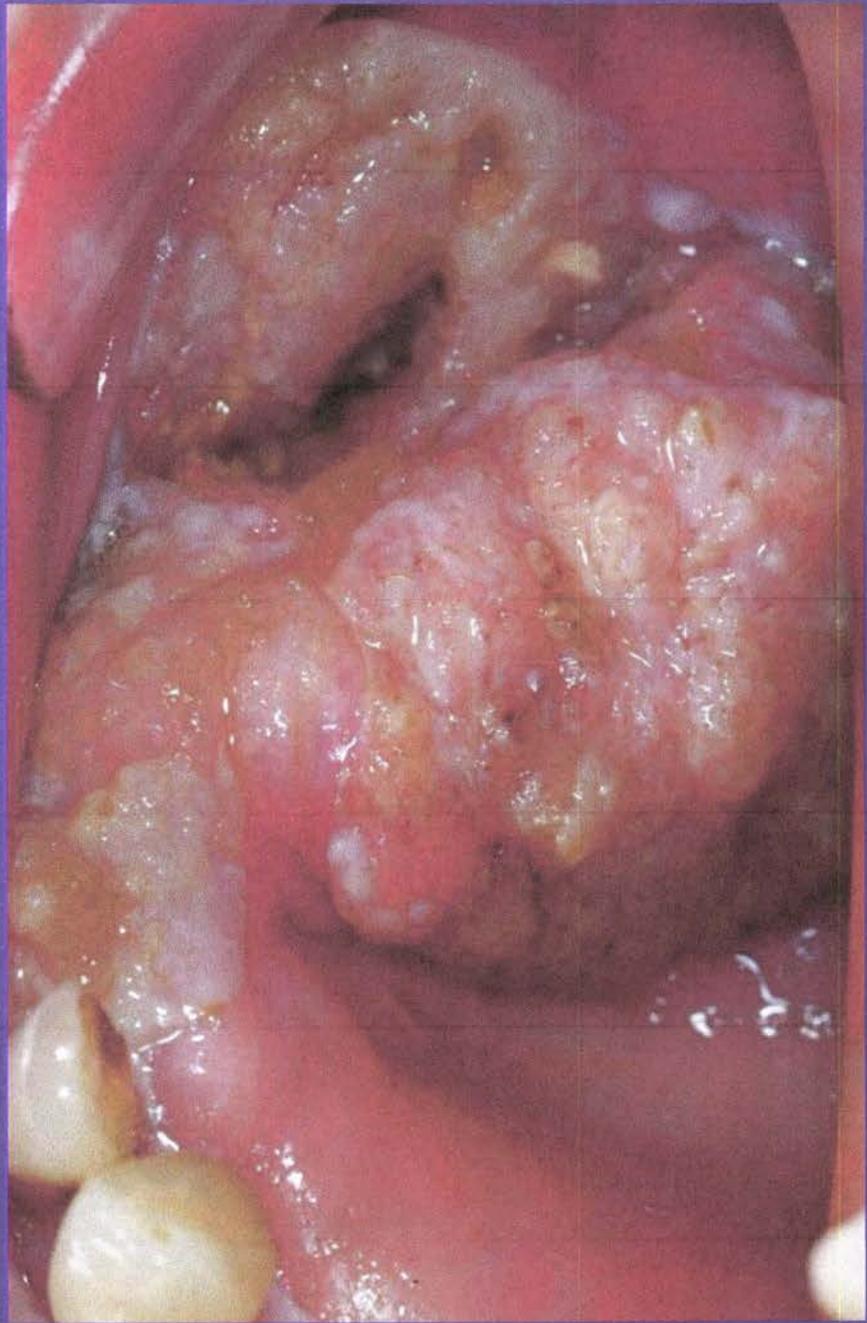
■ **If a patient has a papilloma on his tonsil should he have his tonsils removed?** Although tonsillar cancer is the most common cancer caused by HPV, removal of the tonsils in patients with papilloma is probably not indicated. The type of HPV viruses which causes papillomas are HPV-6 and HPV-11 but tumors are associated with HPV-16 and HPV-18. In addition, a tonsillectomy is not a risk free surgery and should not be undertaken lightly. If the patient still wishes to be considered for a tonsillectomy, removal of the papilloma and serotyping the virus is indicated.

■ ***(The picture on the right shows a papilloma on the right tonsil.)***



Papilloma







■ SOURCES: Gregory Hartig, M.D., professor of otolaryngology--head and neck surgery, University of Wisconsin School of Medicine and Public Health, Madison, Wis.; Bert W. O'Malley, Jr., M.D., chair of Otorhinolaryngology--Head and Neck Surgery and co-director, Head and Neck Cancer Center, University of Pennsylvania School of Medicine, Philadelphia; D.J. Verret, M.D., clinical assistant professor, University of Texas Southwestern Medical School and facial plastic surgeon, Plano, Texas; William Lydiatt, M.D., professor and division chief, head and neck surgical oncology, University of Nebraska Medical Center, Omaha; Amesh A. Adalja, M.D., adjunct instructor, division of infectious diseases, University of Pittsburgh Medical Center; May 10, 2010, *New England Journal of Medicine*

■ HealthDay

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APPLICATION FOR POST APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
Phone (515) 281-5157  
www.dentalboard.iowa.gov

RECEIVED

AUG 06 2014

IOWA DENTAL BOARD

NOTE: A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.

1. Course Title: IOWA School-Based Dental Sealant Contractor's Meeting

2. Course Subject:

- Related to clinical practice  
 Patient record keeping  
 Risk Management  
 Communication  
 OSHA regulations/Infection Control  
 Other: \_\_\_\_\_

3. Course date: 7-16-14 Hours of instruction: 4

4. Provide a detailed breakdown of contact hours for the course or program:

See attached

5. Name of course sponsor: Iowa Department of Public Health

Address: 321 E 12th St. Des Moines IA 50319

6. Which of the following educational methods were used in the program? Please check all applicable.

- Lectures  
 Home study (e.g. self assessment, reading, educational TV)  
 Participation  
 Discussion  
 Demonstration

7. Provide the name(s) and briefly state the qualifications of the speaker(s): \_\_\_\_\_

See attached

8. Please attach a program brochure, course description, or other explanatory material.

9. Name of person completing application: Sara Schlievert

Title: Community Health Consultant Phone Number: 515-281-7630

Fax Number: 515-242-6304 E-mail: saralyn.schlievert@idph.iowa.gov

Address: 321 E. 12th St. Des Moines IA 50319

Signature: Sara Schlievert Date: 8/1/14

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov). Continuing education guidelines and rules are also available on the Board's website. A course is generally acceptable and does not need to go through this formal approval process if it is directly related to clinical practice/oral health care.

Pursuant to Iowa Administrative Code 650—25.3(6), within 90 days after the receipt of application, the Board shall issue a final decision as to whether the activity is approved for credit and the number of hours allowed.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

**Iowa Dental Board  
Continuing Education Advisory Committee  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687**

## **Attachment: Application for Post Approval of Continuing Education Program**

**Iowa School- Based Sealant Contractor's Meeting  
July 16, 2014**

### **4. Provide a detailed breakdown of contact hours for the course or program:**

The meeting was a 7-hour training with 4 hours of educational sessions. This meeting was an opportunity for dental hygienists and dental assistants working in school-based sealant programs to learn and review pertinent information to provide quality care and assistance to school children and families served through their programs. The meeting power point presentation and agenda are attached.

- **Overview and National Sealant Guidelines (0.5 hour session) – Sara Schlievert**
  - Ms. Schlievert's presentation provided the history and background of dental sealants, as well as national sealant goals and research. Ms. Schlievert shared national best-practices and recommendations for the use of sealants.
  
- **Iowa Sealant Program Guidelines (1.5 hour session) – Stephanie Chickering**
  - Ms. Chickering provided Iowa school-based dental sealant program guidelines, including policy compliance, Iowa Dental Board and OSHA requirements and CDC recommendations for infection control. State protocol for sealant and fluoride varnish application, retention evaluation and care coordination was presented.
  
- **Sealant Program Feature (0.75 hour session) – Joan Gilpin**
  - Ms. Gilpin provided the attendees with a background of school-based sealant programs in Iowa. She also provided information on best practices for implementing a local school-based sealant program.
  
- **Sealant Program Hot Topics (1.25 hour session) – Stephanie Chickering and attendees**
  - Ms. Chickering facilitated the best-practices discussion among attendees. Topics included consent return, equipment performance, care coordination protocols, data reporting and sealant products.

### **7. Provide the name(s) and briefly state the qualification of the speaker(s).**

- Sara Schlievert, RDH – Community Health Consultant, Bureau of Oral and Health Delivery Systems, Iowa Department of Public Health; BSDH, University of Iowa
- Stephanie Chickering, RDH – Community Health Consultant, Bureau of Oral and Health Delivery Systems, Iowa Department of Public Health; BA, Simpson College; RDH, Des Moines Area Community College
- Joan Gilpin, RDH – Dental Hygienist, Black Hawk County Health Department; RDH, MS

# 1<sup>ST</sup> ANNUAL SCHOOL-BASED DENTAL SEALANT CONTRACTOR'S MEETING

July 16, 2014

## AGENDA

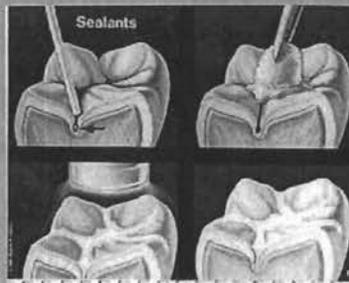
9:30-9:45	Introductions	Group
9:45-10:15	Overview & National Sealant Guidelines	Sara Schlievert
10:15-11:45	Iowa Sealant Program Guidelines	Steph Chickering
11:45-12:30	Lunch	
12:30-1:15	Sealant Program Feature	Joan Gilpin
1:15-2:30	Sealant Program Hot Topics	Group
2:30-2:45	Break	
2:45-3:30	Wrap-up	Steph Chickering

# SCHOOL-BASED DENTAL SEALANT PROGRAM

## OVERVIEW & NATIONAL GUIDELINES

### A LITTLE HISTORY...

When were sealants first introduced?



## A LITTLE HISTORY...

### **MG Buonocore (1955):**

- *Etching enamel resulted in better resin bonding*



### **MG Buonocore (1970):**

- *BIS-GMA resin developed as first effective sealant material*

### **McLeon and Wilson (1974)**

- *Glass ionomer cements introduced*



## A LITTLE IOWA HISTORY....

Iowa's school-based sealant programs are almost 20 years old!

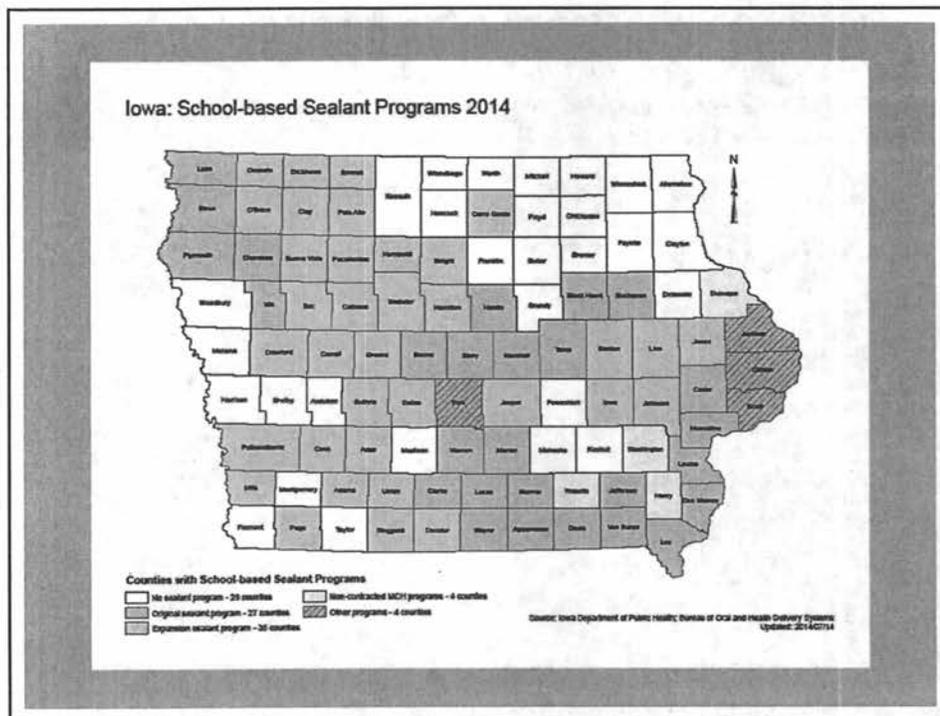
### ▪ 1995-96 – Pilot year

- University of Iowa initiated program in Scott County
- Exams and sealants done by dental students
- Over 500 children in grades 1-4 screened; 300 received sealants



### ▪ 2013-14

- 7 existing and 11 new programs serving 62 counties
- Exams and sealants done by dentists and hygienists
- Over 9500 children in grades 2-8 screened; 5,635 received sealants



## SEALANTS WORK!



### Surgeon General Report (2000):

- Sealants can reduce decay in school children by more than 70 percent

### Community Preventive Services Task Force (2001):

- School-based sealant delivery programs are recommended based on strong evidence of effectiveness in preventing dental caries (tooth decay) among children.

### Association of State and Territorial Dental Directors (2003):

- School-based sealant programs are "Best Practice" to stop tooth decay

## NATIONAL GOALS



### Healthy People 2020

- OH-12 - Increase the proportion of children and adolescents who have received dental sealants on their molar teeth (10% improvement)



### Centers for Medicare and Medicaid (CMS)

- Increase by ten percentage points the percentage of children ages 6-9 enrolled in Medicaid that received a sealant on a permanent molar.

## NATIONAL GOALS



### Centers for Disease Control and Prevention (CDC) grant

- Increase percentage of eligible schools with dental sealant programs
- Increase number of children in sealant program receiving at least one molar sealant.

## NATIONAL STANDARDS

### ADA 2008: Evidence-based clinical recommendations for the use of pit-and-fissure sealants

- Under what circumstances should sealants be placed to prevent caries?
  - *Permanent and primary molars of at-risk children, adolescents, and adults*
- Does placing sealants over early (noncavitated) lesions prevent progression of the lesion?
  - *Yes. Sealants should be placed on early (noncavitated) carious lesions to reduce caries progression*

JADA 2008

## NATIONAL STANDARDS

### ADA 2008: Evidence-based clinical recommendations for the use of pit-and-fissure sealants

- Are there conditions that favor the placement of resin-based versus glass ionomer cement sealants in terms of retention or caries prevention?
  - *Yes, resin-based sealants are first choice.*
- Are there any techniques that could improve sealant retention and effectiveness in caries prevention?
  - *Air abrasion or bur preparation does not improve retention.*
  - *One step self-etch bonding agents should not be used.*
  - *Four-handed technique recommended.*

JADA 2008

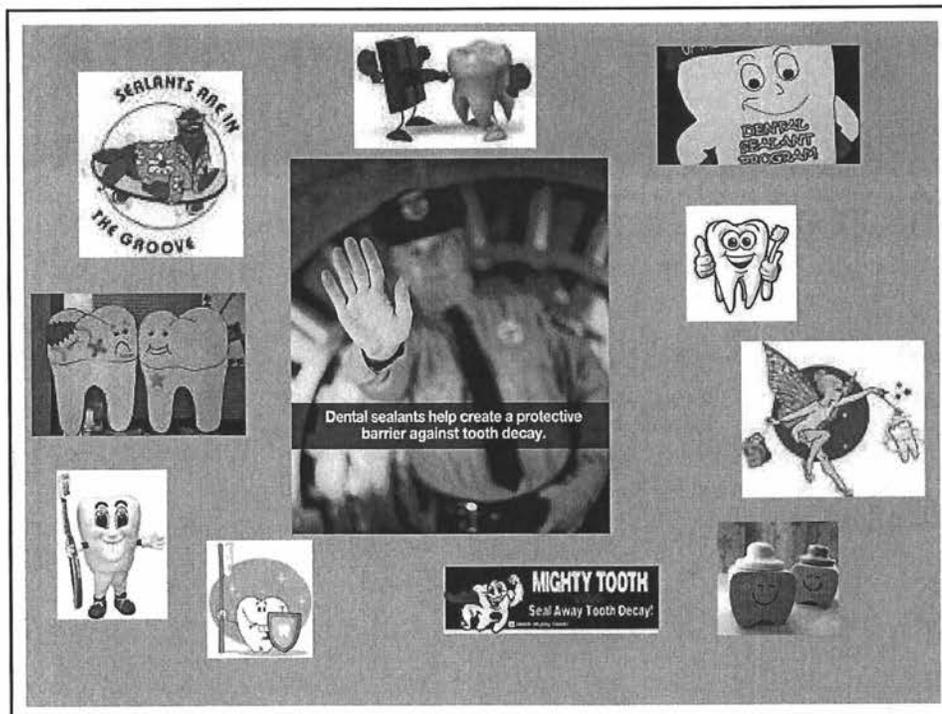
## NATIONAL STANDARDS

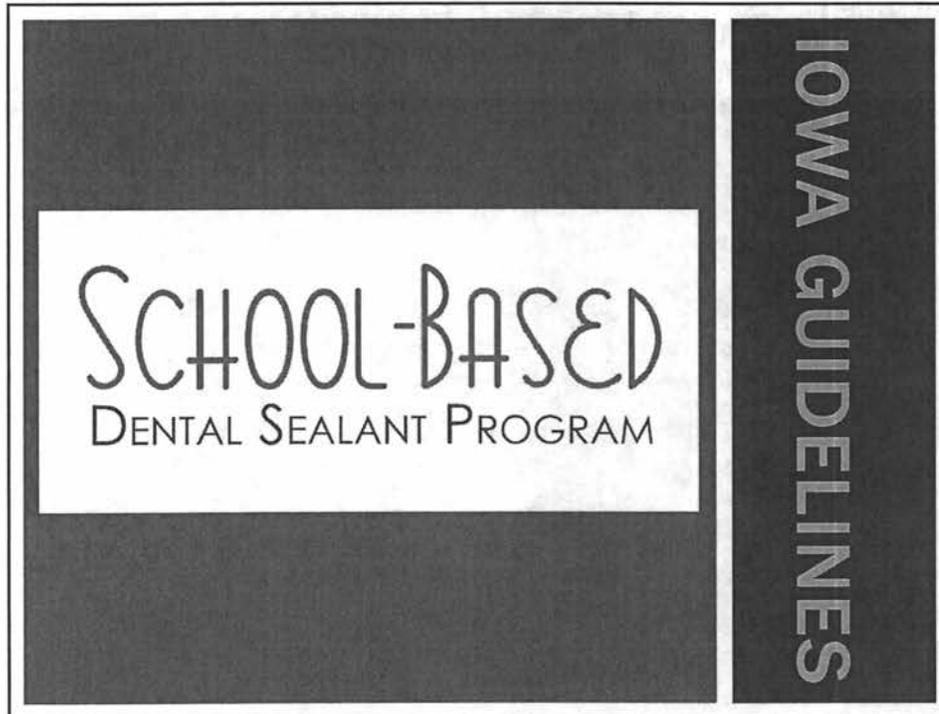
### CDC 2009: Preventing dental caries through school-based sealant programs

- seal sound surfaces and noncavitated lesions,
- use visual assessment to detect surface cavitation,
- use a toothbrush or handpiece prophylaxis to clean tooth surfaces, and
- provide sealants to children even if follow-up cannot be ensured.



JADA 2009





## IDPH POLICY COMPLIANCE

All programs are expected to comply with all Title V MCH requirements.

Services must be performed according to:

- MCH plan, in accordance with federal legislation
- MCH Administrative Manual
- State Department of Human Services rules
- Iowa Administrative Code
- Iowa Dental Board rules

## IOWA DENTAL BOARD

State agency charged with responsibility for:

- Dentists
- Dental Hygienists
- Dental Assistants

All sealant programs in Iowa must use appropriate dental professionals, working within their scope of practice.

## OSHA

Occupational Safety and Health Administration

- Includes Bloodborne Pathogens Standard
  - Infection Control training
  - Personal Protective Equipment (PPE)
  - Hand washing
  - Instrument handling
  - Instrument sterilization/disposal
  - Autoclave monitoring
  - Surface disinfection



## INFECTION CONTROL

- Iowa requires compliance with all infection control guidelines and standards.
- Sealant programs pose a Level II risk - will contact saliva/mucous membranes but not blood
- 4 basic principles to infection control
  1. Take action to stay healthy
  2. Avoid contact with blood and other infectious body substances
  3. Make instruments and equipment safe
  4. Limit the spread of blood and other infectious body substances



## 1. TAKE ACTION TO STAY HEALTHY

- Immunizations
  - Current immunizations
  - TB testing upon employment
  - Hepatitis B status documented in staff file
- Hand hygiene
  - Alcohol-based hand sanitizers may be used
  - Soap and water must be used when hands are visibly soiled

## 2. AVOID CONTACT WITH BLOOD AND OTHER POTENTIALLY INFECTIOUS BODY SUBSTANCES

- Personal Protective Equipment (PPE)
  - Gloves
    - Must use non-latex
  - Face Protection
    - Masks must be worn
    - Eyes must be fully protected
  - Protective Clothing
    - Gowns are not needed



## 2. AVOID CONTACT WITH BLOOD AND OTHER POTENTIALLY INFECTIOUS BODY SUBSTANCES

- Avoid Injuries
  - Annual infection control education training
- Handling of Sharps
  - Secure transportation
- Written Infection Control Plan
  - Includes post-exposure control plan



### 3. MAKE INSTRUMENTS AND EQUIPMENT SAFE

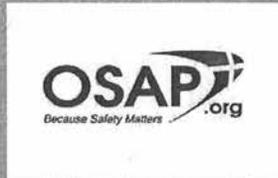
- Instruments
  - Instruments must be heat sterilized or disposable
- Sterilization
  - Chemical indicator must be placed in each pouch
- Sterilization Monitoring
  - Biologic testing must be done weekly
- Portable Dental Unit Water Quality
  - Water must meet EPA regulatory standards

### 4. LIMIT THE SPREAD OF BLOOD AND OTHER INFECTIOUS BODY SUBSTANCES

- Limit Spatter
- Use barriers
- Disinfect all surfaces not protected by a barrier
- Waste Disposal
  - Regulated waste disposal must comply with OSHA rules

## INFECTION CONTROL EVALUATION

- Site Assessment
  - OSAP's *Infection Control Considerations for Dental Services in Sites Using Portable Equipment or Mobile Vans Checklist*



## STAFFING/PERSONNEL REQUIREMENTS

- All service providers must be licensed or registered in Iowa
- Lay people cannot be used in conjunction with intra-oral, extra-oral or infection control services
- Dentists or dental hygienists with PHS agreements must provide dental screenings and apply fluoride varnish and sealants

## STAFFING/PERSONNEL REQUIREMENTS

- The use of dental assistants is encouraged
- Dental assistants must have signed general supervision agreement or MOU on file at IDPH



## SCHOOL SELECTION

- Guidelines for selecting schools:
  - 40% or higher FRL
  - High need community identified through Community Needs Assessment
  - High percentages of immigrant, migrant worker, refugee, and/or vulnerable and underserved populations
  - Schools not receiving dental sealant services through another agency or organization

## SCHOOL SELECTION



- IDPH grant funds may only be used to serve schools with >40% FRL

## GRADE SELECTION

- Required grades:
  - 2<sup>nd</sup> and/or 3<sup>rd</sup>



- May also serve 4<sup>th</sup> through 8<sup>th</sup> grades if funding and staffing allows

## TOOTH SELECTION

- Goal – to seal teeth shortly after eruption
  - 2<sup>nd</sup> and 3<sup>rd</sup> graders = 1<sup>st</sup> permanent molars
  - 4<sup>th</sup> and 5<sup>th</sup> graders = 1<sup>st</sup> permanent molars not previously sealed
  - 6<sup>th</sup> through 8<sup>th</sup> graders = 2<sup>nd</sup> permanent molars
- Premolar (bicuspid) teeth may be sealed as necessary based on an individual risk assessment
- Only sound, noncavitated pit and fissure surfaces of posterior teeth may be sealed.

## EQUIPMENT

- Must use appropriate equipment, supplies and techniques to apply dental sealants
- Programs should consider cost-effectiveness and ability to have equipment repaired quickly when making selections
- All equipment should be serviced and maintained according to manufacturers directions.

## SEALANT MATERIALS

- When choosing sealant materials, consider:
  - Cost-effectiveness
  - Prolonged retention properties
  - Simplicity of application
- Etchant
  - Separate etching step may result in higher retention rates
- Bonding agents
  - Not required
  - Must be compatible with sealant material, should not be combined with etchant



## SEALANT APPLICATION

- *Seal America* technique
  1. Thoroughly clean teeth to be sealed
  2. Isolate the teeth
  3. Etch tooth surface
  4. Rinse and dry
  5. Place sealants
  - 5a. Bonding Agent application
  6. Polymerize sealants
  7. Inspect sealants
- Agency must have written protocol describing sealant application procedures.



## ADDITIONAL RECOMMENDATIONS FOR SEALANT APPLICATION

- Magnification is not contraindicated; however unaided visual examination is method of choice
- Dental explorers may be used. Noncavitated lesions can become damaged from pressure of explorer during exam
- Radiographs are not indicated
- Caries detection devices and technologies may not be used

## RETENTION CHECKS EVALUATION

- Retention checks are an effective way to:
  - Evaluate staff performance
  - Identify needed protocol changes
  - Detect clinical problems with equipment and/or materials
- Retention checks are required. Contractors will be notified of requirements at the beginning of each contract year.



## RETENTION CHECKS EVALUATION

- **Short-term Retention Checks**
  - Students receiving sealants are evaluated within a few days or weeks
  - Complete on as many students as possible
  - Retention rate goal is 98-100%
  
- **Long-Term Retention Checks**
  - Students receiving sealants are evaluated approximately 1 year later
  - IDPH will determine the number of students to check
  - One-year retention rates should average at least 90%

## FLUORIDE VARNISH APPLICATION

### Application Criteria

- Suspected tooth decay
- White spot lesions
- Visible plaque
- History of decay
- Low socio-economic status



## FLUORIDE VARNISH APPLICATION

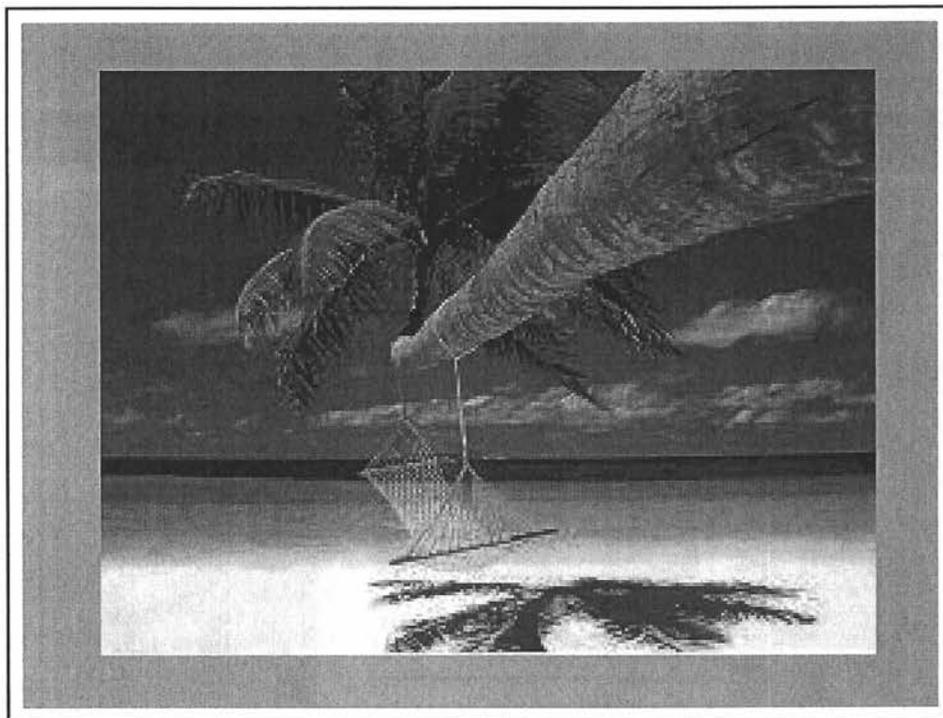
### Application Protocol

1. Clean the teeth
2. Dry quadrant to be treated
3. Apply varnish to all exposed surfaces
4. Repeat for remaining quadrants
5. Provide patient instruction



## CARE COORDINATION & REFERRALS

- All students must receive parent follow-up letter
- All programs are required to provide care coordination and referrals for students identified with treatment needs
- All programs must have care coordination protocols in place detailing how and when it will be provided.



## FORMS, RECORDING & REPORTING

- Standard program forms required beginning FFY2015
  - Combined Consent and Release of Information form
  - Sealant Data Recording form
  - Parent Letter form
- Forms may be modified to meet each programs needs, but approval from the IDPH Sealant Coordinator must be received prior to use.
- Consent Tracking form - *new for FFY2015*



## PARENT LETTER FORM

Agency Name & Logo ADDRESS

Date

Student Name

Your child participated in the dental health program at school. As part of the program, your child received a dental screening. His/Her name was on the list and for screening time had the place of a temporary dental exam by your family dentist.

**How the results of the dental screening indicate:**

- Your child has no obvious dental problems but needs to have regular checkups by a dentist.
- Your child has something that should be checked for a dentist. The dentist will tell you if treatment is needed. Phone
- Your child needs immediate care from a dentist. Contact a dentist as soon as possible for a Phone Address.

**Dental sealants:**

- Your sealant status: Sealants were placed on    teeth.
- Recommended sealants due to:
- Possible reason: Your child's teeth should be checked by your family dentist.
- Your child's health: Has no early signs of decay.
- Your child's health: Has a good upper and fully erupted.
- Your child could not attend a dentist appointment today.
- Other:

**Fluoride varnish:**

- How sealant status: Your child's teeth were fully inspected. Please have your child and family's teeth today, and please do not brush or floss until tomorrow morning.
- One not sealant today.

If you have questions about the school dental health program, please do not hesitate to contact your family dentist, and if you have difficulty making a dental appointment, please contact the school's coordinator at phone number                     .

7/15/14

## CONSENT TRACKING FORM

Consent Tracking form

School Name: Sample Elementary School

Targeted Grade	1	2	3	4	5	6
A. Students returning consent forms	47					
B. Students returning consent forms	83					
<b>% CONSENT RETURN (B-A/100)</b>	<b>70.2%</b>					
C. Students with positive consent	80					
<b>% POSITIVE CONSENT (C-B/100)</b>	<b>90.9%</b>					

7/15/14

© 2014

## IDPH MS EXCEL SEALANT DATA FILE

- **ALL** Title V MCH agencies providing SBSP services **MUST** report their sealant data to IDPH using the IDPH MS Excel Sealant Data file
- Changes must not be made to the Sealant Data File to ensure validity of data
- Sealant Data File due to IDPH Sealant Coordinator on the 15<sup>th</sup> of each month following services

## RETENTION DATA

- IDPH will provide more information on this subject at a later date.

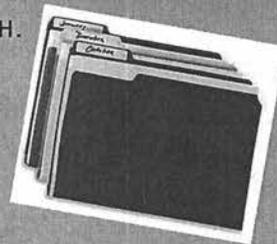


## EXPENSE REPORTING

- Monthly claim reports are due 45 days following the close of each month.
- Claim reports will be completed in IowaGrants.gov beginning in FY2015.

## CLIENT RECORDS

- All students served and services provided through a SBSP must be entered into CARES and the client paper record or electronic medical record.
- Employees should only be allowed access to client records as necessary for the performance of job duties.
- MCH client records are the property of IDPH.



## SEALANT FUNDING

- Grant funds are limited to schools with 40% or higher FRL.
- Limited percent of grant funds may be used for direct service costs.
- Medicaid must be billed for services provided to children enrolled in Medicaid.
- Revenue generated from the sealant program must be used to enhance the sealant program.

## SEALANT FUNDING

- Each program must develop a sustainability plan that includes collaboration with community partners if funding is decreased or not available in the future.



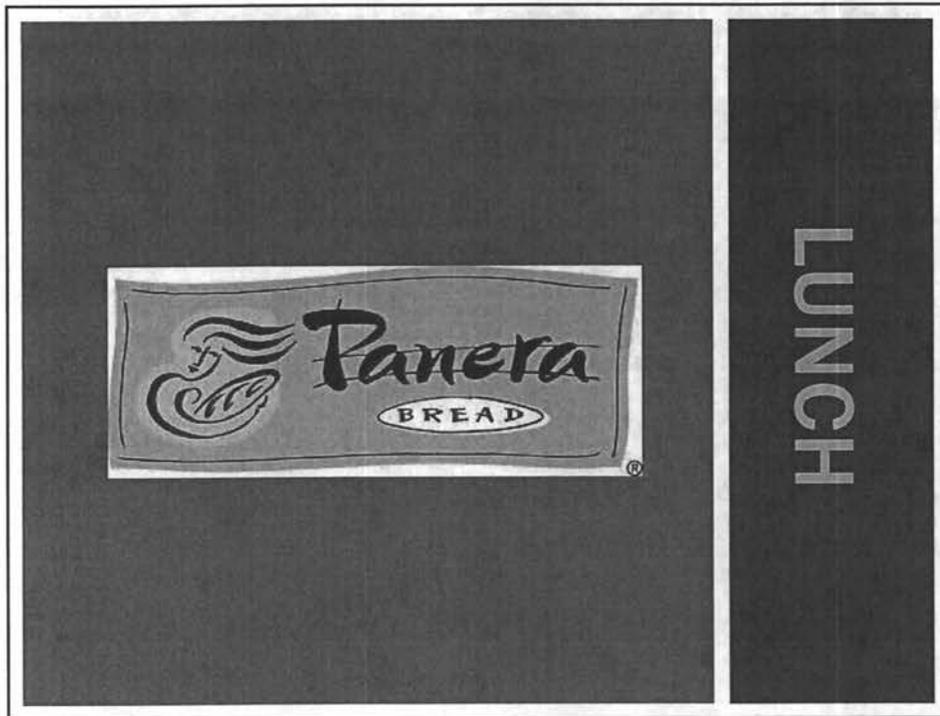
- I-Smile funds may not be used in the sealant program.

## RESOURCES

- Research articles and tools from:
  - Journal of the American Dental Association (JADA)
  - Journal of Dental Research
  - Organization for Safety, Asepsis and Prevention (OSAP)
  
- Contain the most recent School-based Dental Sealant research and recommendations

## QUESTIONS





**SEALANT PROGRAM FEATURE**

**Joan Gilpin**  
**Black Hawk County Health Department**

HOT TOPICS	
School Participation School Scheduling Consent Return Incentives	Data Entry Charting
Equipment Sealant Products	Dentist Support Dental Assistants Supervision Issues

<p>SCHOOL-BASED DENTAL SEALANT PROGRAM</p>	<p>WRAP UP</p>
--	----------------



## SEALANT MANUALS

- 1 manual per program
- IDPH will post this manual on the website
- IDPH will send manual updates when they are warranted.

**2<sup>ND</sup> ANNUAL  
SCHOOL-BASED  
DENTAL SEALANT  
CONTRACTOR'S  
MEETING**

**SUMMER 2015**

## **Quotes From Kids**

*4<sup>th</sup> grader*

*“Have you seen your dentist  
this year?”*

*“Yes, two times at Walmart!”*

## **Quotes From Kids**

*2<sup>nd</sup> grader*

*“ Thank you. I used the  
brush you gave me – and so  
did my little brother.”*

## **School-based Dental Program**

**Black Hawk County  
Health Department**

*Joan L. Gilpin, RDH, MA*

### ***When & where did it all start?***

- **1994 NIDR report = “less than 5% of school-age children in Midwestern states have sealants.”**
- ***Scientific literature* = “lack of awareness of the existence and efficacy of sealants.”**

## **Needs Assessment**



- **Contact with local health professionals, etc....**
- **Data from dental offices**
- **Phone survey of local employers regarding insurance**
- **No other local educational program existed - 1995**



## **Designing a Community Dental Health Education Program**

- **Goals**
- **Objectives**
- **Target populations**
- **Educational materials**
- **Implementation**
- **Outcome Evaluation**

# ***Sealants 2000***

## ***A Preventive Oral Health Program***



Logo design – HCC art student

## **Target Populations**



- **School and community groups**



- **Health care professionals**



- **Insurance providers**

## **Funding to purchase educational materials**

- **Contributions from state and local professional health associations**



## **Activities of the Program**

*Provide educational materials and programs*

- **Schools, businesses, pharmacies**
- **Women's & Children's Health Centers**
- **Head Start Programs**
- **Dental offices,**
- **Family and pediatric medical offices**

## Set up educational health exhibits

- Health fairs
- Kids' fairs
- Libraries
- Hospital pediatric units



### *Award winning program*



**National Award  
1996 ADHA/Colgate  
Community Outreach Award**



**State of Iowa Award  
1997 Governor's Annual  
Volunteer Recognition Award**

Iowa Department of  
Public Health (IDPH)

- **1998 - presentation about *Sealants 2000* program at annual meeting in Ames.**
- **approached by IDPH and University of Iowa to expand the program.**

Using ***Sealants 2000*** as a pilot program the University of Iowa provided a grant to expand the educational program statewide.

***Sealants 2000***  
Now became .....



***University of Iowa College of  
Dentistry and the  
Iowa Department of Public Health***

## **Media and Publications**

- **Newspapers**
- **Grocery Bags**
- **Radio PSAs**
- **Community Newsletters**
- **Professional Journals**



## ***Healthy People 2000***

***“50% of children ages 8 and 14 will have one or more permanent molar teeth sealed by the year 2000.”***

U.S. Public Health Service



**Funds were needed  
to meet this goal.**



- **To encourage states to start school-based dental sealant programs the Maternal Child Health Bureau (MCHB) in Washington DC announced competitive grant opportunities for all 50 US states. Only 3 states would be selected.**

**The Oral Health Department of the Iowa Department of Public Health and the University of Iowa submitted a federal grant proposal.**

**Target Population:**

**Black Hawk County**

**Iowa was one of the  
states awarded a three  
year federal grant!**



## ***Seal Iowa***

evolved into the .....

### **BLACK HAWK COUNTY SCHOOL-BASED SEALANT PROGRAM**

### **Getting started**

- **Target population: Children with permanent molars.**
- **Portable equipment.**
- **Application of quality sealants in a cost-effective manner.**
- **Referrals, follow-up, and data to measure outcomes**



## **Portable Dental Equipment**



## **COLLECTING CONSENT FORMS**

- **School administrators agreed to brief in-service presentations for all school staff.**
- **Incentives – stickers, pizza parties, pencils, bracelets.**

- **Unreturned forms? Classroom teachers were given “reminder forms”.**



- **Increasing interest and cooperation of teachers who appreciated attention to daily academic schedules.**
- **School registration in Fall.**

- **Screenings**
- **Sealants**
- **Care  
Coordination**



**1999**      **2<sup>nd</sup> through 5<sup>th</sup> grade**  
**11 schools**  
**approx. 600 participants**

**2013**      **1<sup>st</sup> through 8<sup>th</sup> grade**  
**18 schools**  
**approx. 3000 participants**



### SCREENING DATA

	# Screened	% Hx Decay
Day Care children	182	25.8
Kindergarten children	771	41.9
Second graders	2253	59.9

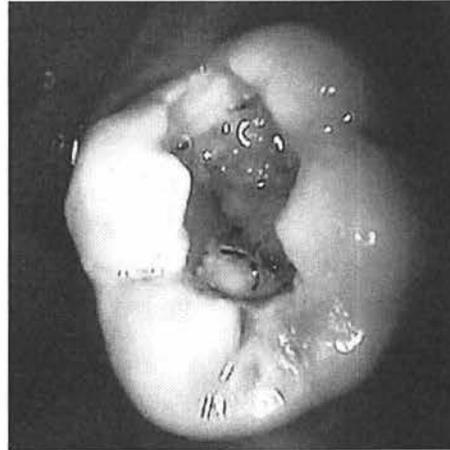
Black Hawk County 2006

## Occlusal caries

**10 year old**

**Female**

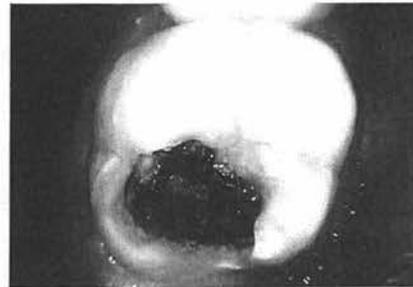
**# 3**



## Caries – permanent teeth



**8 year old  
male - # 14**



**9 year old  
male - # 3**

## **Why are sealants so important for school-age children?**

- **Data indicates the caries risk is high.**
- **Sealants are effective.**

- **Approximately 70% of restorations placed annually are replacements.**

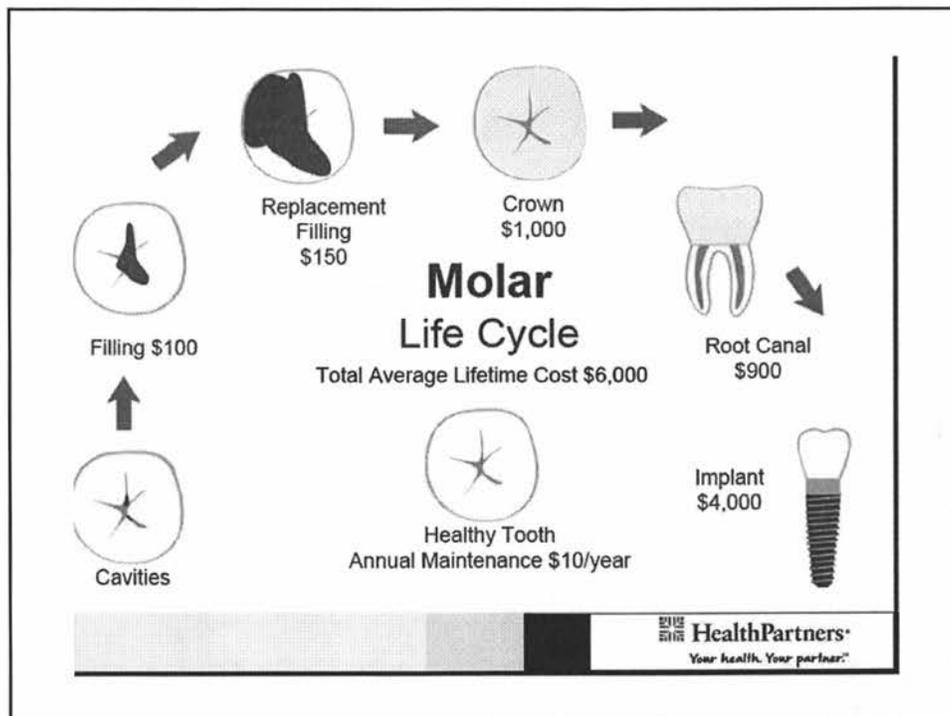
CDC, Center for Disease Control, [www.health.gov](http://www.health.gov) 2011



- **This cycle of placement and replacement of restorations may eventually end in tooth loss.**

- “No matter how skilled the dentist, nor what material he/she uses, once that first hole is drilled through the enamel of a permanent tooth, that tooth is destined to a lifetime of breakdown and repair. This involves ever larger fillings, crowns, and often times root canal treatment and more.”

Burnett, L. dental-public-health @list.pitt.edu 9/27/2012





***The school-based services  
you provide effect the  
future smiles of every  
child you see.***



***Screening data 8<sup>th</sup> graders <sup>1</sup>***

<b>Previous Participants</b>	
Number of students	96
Mean number of teeth with caries history per student	0.55
Percent of teeth with caries history	7.6%
<b>New to the program</b>	
Number of students	95
Mean number of teeth with caries history per student	1.46
Percent of teeth with caries history	20.3%

<sup>1</sup> Three middle schools – Black Hawk County, 2004.

### ***Short-term retention checks***

- **Experience of the clinician**
- **Morphology of the tooth**
  - dysplasia, deep fissure stain, operculums,
- **Other conditions**
  - excess saliva, gag reflex, tongue thrust, anxiety, etc.

### **Quotes From Kids**

*1<sup>st</sup> grader*

*“Is there really a Tooth Fairy,  
'cause I found my tooth in  
my dad's sox drawer”.*

## **Quotes From Kids**

*1<sup>st</sup> grader*

*“Please be careful with my teeth. I have 2 wigglers and 2 wobblers.”*

## **Quotes From Kids**

*2<sup>nd</sup> grader*

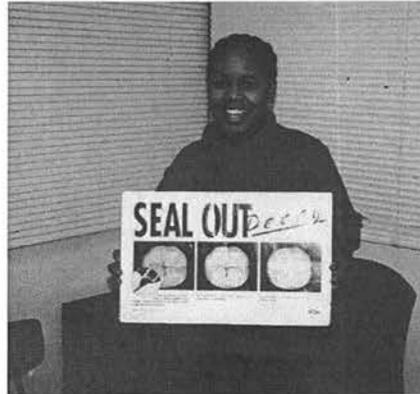
*“ Thank you for the toothbrush. It works real good for brushing my Barbie doll’s hair.”*

## Healthy teeth – Healthy smiles

*Lakrisha - 7 yrs old*



March 2000



January 2004

APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM

RECEIVED

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

JUL 21 2014

IOWA DENTAL BOARD

Note: A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: Kiess Kraft Dental Lab

Address: 6601 S. 118<sup>th</sup> Street Omaha NE 68137

Phone: 402-391-8424 Fax: \_\_\_\_\_ E-mail: cgmiller@kiesskraft

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): Dental Lab

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: The Next Step To Implant Dentistry is coming to Omaha

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: 8-5-14 Hours of instruction: 2

#115db7  
8/10

7. Provide a detailed breakdown of contact hours for the course or program:

See attached invitation  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. Provide the name(s) and briefly state the qualifications of the speaker(s):

See attached invitation  
\_\_\_\_\_  
\_\_\_\_\_

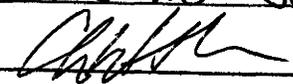
9. Please attach a program brochure, course description, or other explanatory material.

10. Name of person completing application: Chris Miller

Title: Lab President Phone Number: 402-391-8424

Fax Number: 402-391-5701 E-mail: cmiller@kresskraft.com

Address: 6601 S. 118<sup>th</sup> Street Omaha NE 68137

Signature:  Date: 7/16/14

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov).

You will be contacted after the Continuing Education Advisory Committee has reviewed your request. Please allow a minimum of two to three weeks for a response.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

**Iowa Dental Board  
Advisory Committee on Continuing Education  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687**

# THE NEXT STEP IN IMPLANT DENTISTRY IS COMING TO OMAHA

Dr. Doug Camplin and presenter, Dr. Mick Dragoo would like to invite you to a complimentary implant seminar.

TWO HOURS OF CE

**NATURALLOCK<sup>®</sup>**  
*simplify implantology*

Please join us to discuss the features and benefits of the NaturalLock<sup>®</sup> Implant and how it was specifically developed to simplify the use of implants.

#### BENEFITS TO PATIENTS:

- Quick, one appointment procedure
- Minimal invasive insertion
- Immediate return to daily activities
- Minimal to no pain medication
- Fewer treatment visits

#### BENEFITS TO SURGEONS:

- One implant system for all implant procedures
- One stage surgery
- Cost effective
- Treatment time reduced with increased profits
- Increased referrals by "happy patients"
- Easy prosthetics with integrated abutment
- Normal impressions or intra oral digital impressions for crown fabrication



Dr. Camplin

Dr. Douglas Camplin has maintained a general practice for more than 35 years, offering a full range of services, including placing and restoring dental implants. Founder and president of the Greater Nebraska Implant Study Club, Dr. Camplin is a Fellow in the ICOI, a Fellow in the ACOI, and a Diplomate in the ASO. He has been an instructor for many groups including Attachments International and the University of Nebraska.



Dr. Dragoo

Dr. Mick Dragoo has been actively involved in teaching, clinical and histological research, and in private practice in periodontology and restorative dentistry. He is an author of numerous books and clinical articles. He has lectured worldwide for more than 25 years at universities, Congresses, post-graduate education programs and study clubs. His research on ultrasonic instruments for subgingival instrumentation, glass ionomer composites, cosmetic periodontal surgery, implantology and regenerative periodontal surgery clearly defines the future for the preservation of the dentition. The new techniques and products established by his research has revolutionized the delivery of dental services.

**WHEN: TUESDAY, AUGUST 5TH, 2014**  
**PIZZA & REGISTRATION 5:30 PM—6 PM**  
**SEMINAR 6 PM—8 PM**

**LOCATION: KIESS KRAFT DENTAL LABORATORY**  
**6601 S. 118TH STREET • OMAHA, NE 68137**

TO REGISTER, CALL MICHELLE @ 402.509.8138 OR EMAIL [michelle.ramaekers@kiesskraft.com](mailto:michelle.ramaekers@kiesskraft.com)



National Dentex Corporation is designated as an Approved PACE Program Provider by the Academy of General Dentistry. The formal continuing education programs of this program provider are accepted by AGD for Fellowship, Mastership, and membership maintenance credits. Approval does not imply acceptance by a state provincial board of dentistry or AGD endorsement. The current term of approval extends from 10/1/2010 to 9/30/2014. Provider ID#211838

**ADA CERP<sup>®</sup>** | Continuing Education Recognition Program

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Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

AUG 20 2014

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Phone: 402-391-8424 Fax: 402-391-5701 E-mail: cgmiller@kiesskraft.com

2. Type of organization (attach bylaws if applicable):

- Constituent or component society  
 Dental School  
 Dental Hygiene School  
 Dental Assisting School  
 Military  
 Other (please specify): Dental Lab

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures  
 Home study (e.g. self assessment, reading, educational TV)  
 Participation  
 Discussion  
 Demonstration

4. Course Title: "Use of Oral Appliance for Snoring and Obstructive Sleep Apnea"

5. Course Subject:

- Related to clinical practice  
 Patient record keeping  
 Risk Management  
 Communication  
 OSHA regulations/Infection Control  
 Other: \_\_\_\_\_

6. Course date: 9/17/14 Hours of instruction: 2

#1150172  
\$10.

7. Provide a detailed breakdown of contact hours for the course or program:

See attached invitation  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. Provide the name(s) and briefly state the qualifications of the speaker(s):

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Address: 6601 S. 118<sup>th</sup> Street Omaha NE 68137

Signature:  Date: 8/2/14

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Advisory Committee on Continuing Education  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687**

# METRO WEST DENTAL SPECIALTY GROUP

Dr. Taera Kim (Orthodontist) and Dr. Taka Miyamoto (Periodontist) invite you to:  
ADVANCED DENTAL EDUCATION SERIES: METRO WEST DENTAL SEMINARS  
A Multidisciplinary Approach to Dentistry

**“Use of Oral Appliance for Snoring and Obstructive Sleep Apnea”**

**Speaker: Alvin G. Wee, D.D.S., M.S., M.P.H.,**

**Section Chief of Maxillofacial Prosthodontics, VA NWI Dental Service**

**Special Associate Professor of Prosthodontics, Creighton University**

**Date: Sep 17<sup>th</sup> 2014 Wednesday 6 to 8 PM**

**CE Credits: 2 Credits**

**Location: Kiess Kraft Dental lab, 6601 S. 118th St. Omaha, NE 68137**

**Please RSVP: Kim (Metro West Dental) at 402-614-7022**

**Tuition: Complimentary**

**Course Objectives:**

- (1) The Dentist will be able to explain the various modalities for the treatment for obstructive sleep apnea.
- (2) The Dentist will be able to explain the rationale for use of oral appliance for snoring and obstructive sleep apnea.
- (3) The Dentist will be able to explain how their patient's could best be screened for with snoring and obstructive sleep apnea.
- (4) The Dentist will be able to describe the fundamentals for sleep related breathing disorders.
- (5) The Dentist will be able to explain the treatment protocol for oral appliance therapy for snoring and obstructive sleep apnea.

#### **About a speaker:**

Dr. Wee obtained his dental degree in 1992 from the National University of Singapore and in 2013 at Creighton University. In 1994, after two years in general dental practice, he was awarded a Rotary International Foundation Ambassadorial Scholarship to continue his studies in the United States. Following a three-year residency at The University of Iowa, Dr. Wee completed a Certificate and M.S. degree in the specialty of Prosthodontics in 1997. He spent an additional year at the University of Pittsburgh Medical Center as a Clinical Fellow in Maxillofacial Prosthetics.

He then joined The Ohio State University (OSU) College of Dentistry and was promoted to Associate Professor with tenure in 2004. Dr. Wee has been a recipient of two student teaching awards at OSU and was the first national recipient of the AAFP's Claude R. Baker Teaching Award for Excellence in Teaching Predoctoral Fixed Prosthodontics. While at OSU, he also completed a certificate in Clinical Research (NIH K30), a one-year National Research Service Award (NIH T32), and an M.P.H. degree.

Dr. Wee was with the University of Nebraska Medical Center (UNMC) from 2007 to 2011 and with Creighton University School of Dentistry from 2011 to 2014. Currently Dr. Wee is Section Chief of Maxillofacial Prosthodontics at the Veterans Affairs Nebraska-Western Iowa health Care System in Omaha where he treats patients with complex oral rehabilitation needs, including those with head and neck cancer, facial trauma, and obstructive sleep apnea. He is also Special Associate Professor in Prosthodontics at Creighton University School of Dentistry.

Dr. Wee currently serves as Honorary Treasurer for the International Academy of Oral and Facial Rehabilitation and Vice-president for the American Association for Dental Research Lincoln/Omaha section. He currently serves as Board of Director for the American College of Prosthodontists, American Academy of Maxillofacial Prosthetics and the International Society of Maxillofacial Rehabilitation. Dr. Wee has reviewed for more than twenty journals and is on the editorial review board for the Journal of Prosthetic Dentistry, Journal of Prosthodontics, World Journal of Stomatology, Material Science and Application, Journal of Oral Science and Health and Journal of Dental Health, Oral Disorders and Therapy. He has been invited to present more than 50 lectures both nationally and internationally on various aspects of dentistry.



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Recognition Program

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*This activity has been planned & implemented in accordance with the standards of the Academy of General Dentistry Program Approval for Continuing Education (PACE) through the joint program provider approval of National Dentex Corp. and Metro West Dental Specialty Group. National Dentex Corp is approved for awarding FAGD/MAGD credit*

*This continuing education activity has been planned & implemented in accordance with the standards of the ADA Continuing Education Recognition Program (ADA CERP) through joint efforts between National Dentex Corp. and Metro West Dental Specialty Group.*

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RECEIVED

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AUG 20 2014

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Address: 6601 S. 118<sup>th</sup> Street Omaha, NE 68137  
Phone: 402-391-8424 Fax: 402-391-5701 E-mail: cgmillera@kiesskraft.com

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): Dental Lab

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: "Clinical Anatomy of the Maxilla using Cone Beam Computed Tomography and Cadaveric Anatomy"

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: 9/4/2014 Hours of instruction: 2

#115071  
\$10.

7. Provide a detailed breakdown of contact hours for the course or program:

See attached invitation  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. Provide the name(s) and briefly state the qualifications of the speaker(s):

See attached invitation  
\_\_\_\_\_  
\_\_\_\_\_

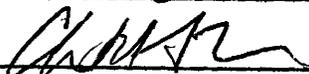
9. Please attach a program brochure, course description, or other explanatory material.

10. Name of person completing application: Chris Miller

Title: Lab President Phone Number: 402-391-8424

Fax Number: 402-391-5701 E-mail: cmiller@kiesskraft.com

Address: 6601 S. 118<sup>th</sup> Street Omaha, NE 68137

Signature:  Date: 8.12.14

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov).

You will be contacted after the Continuing Education Advisory Committee has reviewed your request. Please allow a minimum of two to three weeks for a response.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

**Iowa Dental Board  
Advisory Committee on Continuing Education  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687**

# **METRO WEST DENTAL SPECIALTY GROUP**

Dr. Taera Kim (Orthodontist) and Dr. Taka Miyamoto (Periodontist) invite you to:  
ADVANCED DENTAL EDUCATION SERIES: METRO WEST DENTAL SEMINARS

A Multidisciplinary Approach to Dentistry

**“Clinical Anatomy of the Maxilla using Cone Beam Computed Tomography and Cadaveric Anatomy”**

**Speaker: Neil S. Norton, Ph.D.**

**Associate Dean for Admissions and Student Affairs**

**Professor of Oral Biology**

**President-Elect of the American Association of Clinical Anatomists**

**Date: Thursday, Sep 4th 2014, 6-8 PM**

**CE Credits: 2 Credits ( Prepared by Kiess Kraft Dental Lab )**

**Location: Kiess Kraft Dental lab, 6601 S. 118th St. Omaha, NE 68137**

**Please RSVP: Kim (Metro West Dental) at 402-614-7022**

**Tuition: Complimentary**

## **Course Objectives:**

- Understand type of CBCT relevant to your clinical needs.
- Review dental anatomy in the 3D image volume.
- Understand the need for a thorough knowledge of 3D anatomy.
- Recognize common anatomical landmark in the 3D image volume.
- Recognize common pathology in the 3D image volume
- Understand the need for a structured approach for examining and reporting CBCTs.

## **About a speaker:**

Dr. Norton is a tenured faculty member with primary teaching responsibilities teaching Gross Anatomy lecture and laboratory and Head & Neck Anatomy lecture and laboratory to pre-clinical Freshman dental students. Dr. Norton also serves as a mentor for various student research projects and as a Freshman student advisor. He has received over 25 Teaching awards at Creighton including Outstanding Freshman Instructor, Preclinical Instruction by Senior classes, the Robert F. Kennedy Memorial Award for Teaching Achievement by the Creighton Student Union; the highest teaching award given by Creighton University, and the GlaxoSmithKline Sensodyne Teaching Award in 2007; the highest national award given by the American Dental Education Association (ADEA). He has published over 125 abstracts and peer reviewed journal articles and is the author of Netter's Head & Neck Anatomy for Dentistry, which has been published in 8 languages. Dr. Norton is the President-Elect of the American Association of Clinical Anatomists (AACA) and serves as Creighton University's Faculty Athletic Representative to the BIG EAST.



National Dentex Corporation is designated as an Approved PACE Program Provider by the Academy of General Dentistry. The formal continuing education programs of this program provider are accepted by AGD for Fellowship, Mastership, and membership maintenance credits. Approval does not imply acceptance by a state provincial board of dentistry or AGD endorsement. The current term of approval extends from 10/1/2010 to 9/30/2014. Provider ID#211838

*This activity has been planned & implemented in accordance with the standards of the Academy of General Dentistry Program Approval for Continuing Education (PACE) through the joint program provider approval of National Dentex Corp. and Metro West Dental Specialty Group. National Dentex Corp is approved for awarding FAGD/MAGD credit*

**ADA CERP®** | Continuing Education  
Recognition Program

National Dentex Corporation is an ADA 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. National Dentex Corporation designates this activity for 2 continuing education credits.

*This continuing education activity has been planned & implemented in accordance with the standards of the ADA Continuing Education Recognition Program (ADA CERP) through joint efforts between National Dentex Corp. and Metro West Dental Specialty Group.*



## HALL-PERRINE CANCER CENTER

701 10th Street SE  
Cedar Rapids, IA 52403  
[www.hallperrinecancercenter.org](http://www.hallperrinecancercenter.org)  
(319) 365-HOPE (4673)

June 16, 2014

Iowa Dental Board  
Continuing Education Advisory Committee  
400 S.W. 8th Street, Suite D  
Des Moines, Iowa 50309-4687

Dear Sir or Madam:

This is a request of the Iowa Dental Board to approve 2 hours of continuing education credits for dentists, dental assistants, and dental hygienists for this upcoming educational program: 2014 Fall Cancer Care Update for Dental Health Professionals. Enclosed is the conference agenda, bio information on John Hall, DDS, and the \$10.00 application fee. The program (New Concepts in Oral Care for the Cancer Patient) is scheduled for September 26, 2014 and will be repeated on October 1, 2014. These identical programs will both be held at Mercy Medical Center in Cedar Rapids, IA, and I am respectfully asking permission to offer continuing education approval for both dates.

The purpose of this program is to offer dental health professionals the opportunity to learn about current issues involved in the care of patients who have a diagnosis of oral/ head and neck related cancer.

I would appreciate your consideration for approval of this continuing dental education application. If you need additional information or have questions, please call me at (319) 398-6265.

Sincerely,

A handwritten signature in cursive script that reads "Kim Bedel".

Kim Bedel  
Hall Perrine Cancer Center

**APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM**

**IOWA DENTAL BOARD**  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

**Note:** A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: Hall-Perrine Cancer Center  
Mercy Medical Center  
Address: 701 10<sup>th</sup> St SE Cedar Rapids, IA 52403  
Phone: 319-398-6265 Fax: 319-369-4496 E-mail: Kbedel@mercyare.org

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): Hall-Perrine Cancer Center

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: 2014 Fall Cancer Care Update for Dental Health Professionals

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: 9/24/14 and repeat 10/1/14 Hours of instruction: 2.0 on 9-26-14  
2.0 on 10-1-14

7. Provide the name(s) and briefly state the qualifications of the speaker(s): John E. Hall, DDS. Co-inventor of 2 patented wound care products and others with patents pending. Co-author of 6 papers published in medical and dental journals. Currently works with MCMP in Grand Prairie, TX, where he is involved in product development, clinical trials and education.

8. Please attach a program brochure, course description, or other explanatory material.

9. Name of person completing application: Kim Bedel  
Title: Administrative Assistant Phone Number: 319 398 6265  
Fax Number: 319 369 4486 E-mail: Kbedel@mercyare.org  
Address: 701 10th St SE Cedar Rapids, IA 52403  
Signature: Kim Bedel Date: 6/16/14

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

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Pursuant to Iowa Administrative Code 650—25.3(5), please submit the application for approval 90 days in advance of the commencement of the activity. The Board shall issue a final decision as to whether the activity is approved for credit and the number of hours allowed. The Board may be unable to issue a final decision in less than 90 days. Please keep this in mind as you submit courses for prior approval.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

**Iowa Dental Board  
Continuing Education Advisory Committee  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687**

**2014 Fall Cancer Care Update for Dental Health Professionals**  
**Friday mid-day, September 26<sup>th</sup> or Wednesday evening, October 1<sup>st</sup>**  
**Mercy Medical Center 701 10<sup>th</sup> Street SE • Cedar Rapids**

<b>9/26/14</b>	<b>Program Agenda</b>	<b>10/1/14</b>
11:30 am	Registration & Light Meal	5:30 pm
12:10 pm	Welcome/Introductions	6:10 pm
12:15 pm	<i>New Concepts in Oral Care for the Cancer Patient</i> <i>John E. Hall, DDS</i>	6:15 pm
1:15 pm	Break/Desserts	7:15 pm
1:30 pm	<i>New Concepts in Oral Care for the Cancer Patient</i> <i>(continued)</i> <i>John E. Hall, DDS</i>	7:30 pm
2:30 pm	Evaluation & Adjournment	8:30 pm

**Intended Audience**

Dentists, dental hygienists, dental assistants and other dental professionals.

**Purpose and Objectives**

Dental Health Professionals are an integral part of the team involved in the care of cancer patients. The purpose of this program is to offer dental health professionals the opportunity to learn about current issues involved in the care of patients who have a diagnosis of cancer.

Upon completion of this program, participants will be able to:

- Review the wound healing process
- Understand issues with current wound care and their implications in oral wound care
- Know current therapies available for mucositis
- Understand the benefits of drug-free management of oral ulcers and wounds, including use of products that consist entirely of all-natural food ingredients

**Faculty**

**John E. Hall, DDS**  
 McMerlin Dental Products, LP  
 Grand Prairie, Texas

## CURRICULUM VITAE

**John E. Hall, DDS**  
25 Heritage Court  
Grand Prairie, Texas 75050  
972:336-0334

### EDUCATION

Doctor of Dental Surgery; 1978  
\_ Baylor College of Dentistry, Dallas, Texas  
Graduate studies (Biology and Chemistry); 1973-75  
\_ Abilene Christian University, Abilene, Texas  
Bachelor of Science (Biology major, Chemistry minor); 1973  
\_ Abilene Christian University, Abilene, Texas

### PROFESSIONAL SOCIETY MEMBERSHIPS

\_ American Dental Association  
\_ Texas Dental Association  
\_ Ft. Worth District Dental Society

### ACADEMIC AND WORK EXPERIENCE

2005-Present MCMP, Grand Prairie, Texas  
Help develop products for intraoral and external application to wounds. Develop and oversee clinical trials with products to obtain additional data re: safety and efficacy. Train sales personnel re: science of products and clinical uses. Provide educational presentations to doctors and staff re: science of products.

2001-2007 Mannatech Inc., Coppell, Texas  
*Consultant*  
Helped develop and oversaw clinical trials. Produced product substantiation documents. Authored/co-authored papers for Glycoscience.org. Edited various manuscripts for publication. Proofread product labels.

2003 Virbac Animal Health, Inc., Ft. Worth, Texas  
*Consultant*  
Helped prepare submissions for regulatory approval of Canadian animal pharmaceutical products.

2000-2002 Carrington Laboratories, Inc., Irving, Texas  
*Consultant*  
Consulted with Carrington Laboratories, Inc., on clinical trials with a product for intraoral use. Audited data from a clinical trial. Co-authored manuscript that was published in major journal, and a poster that was presented at a major meeting. Involved in development of a protocol and CRFs for a definitive trial with the same product.

1996-2001 Mannatech Inc., Coppell, Texas  
*Director of Clinical Trials; Regulatory Affairs*  
Developed protocols and case report forms (CRFs), identified investigators, and oversaw pilot studies of effects of dietary supplements in various disease conditions. Involved in new product development for US and foreign countries. Served as liaison between the company and international regulatory affairs and legal consultants for development and registration of products (regulated as nutritional or therapeutic goods). Edited and reviewed marketing and educational materials. Wrote SOPs for specific countries. Hired clinical services specialist (RN) and together developed adverse events program.

1989-96 Carrington Laboratories, Inc., Irving, Texas

*Director of Human Systemic/Dental Clinical Trials*

Involved in development of HIV (oral), ulcerative colitis (oral), and cancer (injectable) clinical research programs. Assisted in preparation of Investigational New Drug submissions, identified investigators, oversaw development of protocols and CRFs, developed budgets, developed time lines, monitored trials, oversaw preparation of clinical/statistical reports for FDA. Screened, selected and managed CRO for UC Phase III trial. Co-authored SOPs for clinical trial program. Co-authored and/or edited abstracts, posters and articles for publication in peer-reviewed journals. Involved in development of freeze-dried hydrogel for management of various conditions such as ulcerations and wounds of the oral mucosa (co-inventor US patent #5,409,703). Developed clinical trial program and oversaw preparation of clinical/statistical reports for FDA that resulted in FDA release to market of product (regulated as a medical device) for oral recurrent aphthous ulcers. Involved in development of "clinical" program for a biological released for market by USDA for treatment of canine and feline fibrosarcoma. Assisted in development of protocols and CRFs, and in auditing data and preparing reports to USDA.

1988-89 Tarrant County College, Ft. Worth, Texas

*Instructor – Department of Chemistry*

1978-87 Family Dentistry, Arlington, Texas

*Private practice*

1974-75 Abilene Christian University, Abilene, Texas, Department of Biology

*Teaching assistant - (Human anatomy and human physiology pre-med courses)*

#### **CONTINUING EDUCATION**

3/99 Cancer Smart; Institute for Natural Resources

2/99 Attention Deficits Update – Latest Advancements in Treatment; Professional Development Resources, Inc.

1/99 The Powers of Estrogen; Institute for Natural Resources

1/98 Alternative Medicine; Institute for Natural Resources

12/97 Basic cGMPs for Dietary Supplements; Stribling and Rotto

11/97 Substantiating Claims for Dietary Supplement Advertising and Labeling, Food and Drug Law Institute

10/93 6th International Symposium on Wound Healing and Wound Management; International Burn Foundation

6/90 Preparing Clinical Protocols and Managing Clinical Investigations; CPA

6/90 Preparing IND and New Drug Applications; CPA

4/90 Safety Evaluation of Medical Devices; CPA

2/90 Federal Labeling Requirements of Medical Devices and In Vitro Diagnostic Products; S&W

11/89 Good Clinical Practices; CPA

#### **PUBLICATIONS**

Harris C, Pierce K, Yates KM, Hall J, Tizard I. Efficacy of Acemannan in Treatment of Canine and Feline Spontaneous Neoplasms, *Molecular Biotherapy* 1991;3:207-13

Yates K, Rosenberg LJ, Harris CK, Bronstad DC, King GK, Biehle GA, Walker B, Ford CR, Hall JE, Tizard IR. Pilot Study of the Effect of Acemannan in Cats Infected with Feline Immunodeficiency Virus, *Vet Immunol and Immunopath* 1992;35:177-89

Plemons JM, Rees TD, Binnie W, Wright J, Hall JE. Evaluation of Acemannan in the Treatment of Recurrent Aphthous Stomatitis. *Wounds* 1994; 6:2:40-5

Robinson M, Reich C, Lashner B, Freeman LD, Hall JE, et al. Evaluation of Oral Acemannan in Active Ulcerative Colitis. Poster presented at the American College of Gastroenterology Meeting, San Francisco, California, September 1994

Poor MR, Hall, JE, Poor AS. Reduction in the Incidence of Alveolar Osteitis in Patients Treated with the SaliCept Patch, Containing Acemannan Hydrogel. J Oral Maxillofac Surg 2002;60(4): 374-9

Kennedy TJ, Hall JE. A drug-free oral hydrogel wound dressing for pain management in immediate denture patients. Gen Dent 2009;57(4):420-7

**PATENTS**

Co-inventor – United States patent #5,409,703; DRIED HYDROGEL FROM HYDROPHILIC-HYGROSCOPIC POLYMER

Co-inventor – United States patent #5,760,102; USES OF DENTURE ADHESIVE CONTAINING ALOE VERA EXTRACT



**APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM**

**IOWA DENTAL BOARD**  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

**RECEIVED**  
AUG 12 2014  
IOWA DENTAL BOARD

Note: A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: John Merzen DDS MS  
Address: 1570 Mall Dr. Suite 1 Iowa City, IA 52240  
Phone: 319-688-0800 Fax: \_\_\_\_\_ E-mail: jmerzen@mac.com

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): NA (private practice)

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: Preventive and Interceptive Orthodontic Treatment

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: On going lectures Hours of instruction: 1.0 hr  
Give to General dentist / staff  
Lunch & learn

# 10116  
\$ 50

7. Provide the name(s) and briefly state the qualifications of the speaker(s): \_\_\_\_\_

- John Merzen DDS MS  
- Univ of Iowa College Dentistry; DDS (95) MS ortho (97)  
- Private practice 17 years  
- Specialist orthodontist

8. Please attach a program brochure, course description, or other explanatory material.

Ⓢ See attachment

9. Name of person completing application: John Merzen DDS MS

Title: Orthodontist Phone Number: 319-688-0800

Fax Number: \_\_\_\_\_ E-mail: jmerzen@mac.com

Address: 1570 Mall Dr. Suite 1 Iowa City, IA 52240

Signature:  Date: 8-8-14

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MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

**Iowa Dental Board  
Continuing Education Advisory Committee  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687**

# **Preventive and Interceptive Orthodontic Treatment**

## OUTLINE

### **Identification of the Problem**

#### Dental Problems:

- Ectopic eruption
- Transposed teeth
- Supernumerary teeth
- Severe dental rotations
- Severe crowding
- Anterior dental crossbite
- Posterior dental crossbite
- Anterior openbite
- Dental asymmetry
- Over retained primary teeth
- Congenitally missing teeth
- Impacted incisors
- Spacing
- Blocked out laterals
- Edge to edge
- Severe overbite
- Posterior openbite

#### Skeletal Problems:

- Class III and Class II relationship
- Functional shift
- Skeletal asymmetry
- Anterior skeletal crossbite
- Posterior skeletal crossbite (bilateral or unilateral)
- Posterior and anterior openbite

#### Soft Tissue Problems:

- Low frenum attachments (upper / lower midline)
- Tongue tie
- Recession

### **Importance of Timing**

- Timing for interceptive treatment
- Treatment provided at specific / optimal times during development
- Interceptive treatment (Phase I) and Complete treatment (Phase II)
- Monitoring development until ready one phase of treatment (Complete tx)

### **Interceptive Treatment Provided**

- Limited fixed braces
- RME
- Holding arches
- Reverse pull head gear
- Extraction of over retained primary teeth to guide dental eruption
- Extraction of primary teeth to address crowding issues

### **Prevention of Severe Problems / Extensive Treatment / Extensive Cost**

- Severe crowding, asymmetry, Class II / Class III relationships
  - Requires extractions and extensive treatment time
- Impacted teeth
  - Requires surgical exposure / extensive orthodontic care
- Abnormal / asymmetrical jaw growth, functionals shifts, finger habits
  - Requires orthognathic jaw surgery
  - Patients accepts abnormality / facial asymmetry and bite for life
  - Excessive orthodontic care

**APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM**

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

IOWA DENTAL BOARD

AUG 12 2014

**RECEIVED**

Note: A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: John Merzen DDS MS

Address: 1570 Mall Dr. Suite 1 Iowa City, IA 52240

Phone: 319-688-6800 Fax: \_\_\_\_\_ E-mail: jmerzen@mac.com

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): Private practice

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: Patient Cooperation (The True Influence of Treatment)

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: On going lectures Hours of instruction: 1.0 hr

Give to general dentist & staff  
lunch (learns

#10118  
& 50

7. Provide the name(s) and briefly state the qualifications of the speaker(s): \_\_\_\_\_

- John Merzen DDS MS  
- University of Iowa College Dentistry: DDS (95) & MS ortho (97)  
- Private practice 17 years  
- Specialist Orthodontist

8. Please attach a program brochure, course description, or other explanatory material.

\* See attached outline

9. Name of person completing application: John Merzen DDS MS

Title: Orthodontist Phone Number: 319-688-0800

Fax Number: \_\_\_\_\_ E-mail: jmerzen@mac.com

Address: 1570 Mall Dr. Suite 1 Iowa City, IA 52240

Signature:  Date: 8-8-14

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Des Moines, Iowa 50309-4687**

# Patient Cooperation (The True Influence of Treatment)

## OUTLINE

### Patient Attitude

- Major factor is attitude and cooperation
- Stimulating patients to take ownership of their treatment
- Motivation by treatment options

### Areas of Cooperation

- Oral Hygiene (brushing and flossing)
  - Proper education (technique, importance, and desired results)
  - Proper time
  - Proper tools
- Maintaining proper appointments
  - Orthodontist can monitor and provide proper treatment
  - Keep treatment moving
  - Adjust treatment if needed to respond to changes
- Care For Appliances
  - Proper diet
  - Not breaking brackets off
- Wearing appliances
  - Elastics
    - Moves teeth (correct Class II, Class III, close openbites, correct asymmetry, crossbites)
    - Help jaw growth development (Class II, Class III, cross bites)
  - Functional appliances
    - Dental and skeletal (Class II and Class III)
- Wearing retainers
  - Holding correction for life (KEY)

### Impact of cooperation

- Oral Hygiene
  - Excellent: (healthy tissue, less painless, ideal movement, nice result, no demin.)
  - Poor: (disease tissue, slow movement, painful, poor / compromised results)
- Maintaining proper appointments
  - Excellent: (maintain treatment on track and on time)
  - Poor: (compromised results and slower treatment)
- Care for appliances
  - Excellent: (maintain treatment on tract and on time)
  - Poor: (slower and compromised treatment)
- Wearing appliances
  - Excellent: (INCREDIBLE corrections of problems)
    - Dental, skeletal and facial soft tissue profile changes
    - Correction full Class II and Class III, anterior crossbite, posterior crossbite, openbites, etc
  - Poor: (Lack of proper correction of the problems)
    - Lack of jaw corrections during growth phase
    - Lack of dental corrections during growth phase
    - Need for extractions to correct the problem
    - Need for jaw surgery to correct issues
    - Accept uncorrected and compromised result

APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM

RECEIVED

AUG 12 2014

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
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IOWA DENTAL BOARD

Note: A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: John Merzen DDS MS

Address: 1570 Mall Dr. Suite 1 Iowa City, IA 52240

Phone: 319-688-0800 Fax: \_\_\_\_\_ E-mail: jmerzen@mac.com

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): private practice

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: Pros & Cons of Conventional Braces vs. Invisalign

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: Ongoing lectures Hours of instruction: 1.0 hr

Given to general dentist / staff  
Lunch + lessons

#10118  
& 50

7. Provide the name(s) and briefly state the qualifications of the speaker(s): \_\_\_\_\_

John Merzen DDS MS  
- University of Iowa College of Dentistry: DDS (95) MS ortho (97)  
- Private practice 17 years  
- Specialist Orthodontist

8. Please attach a program brochure, course description, or other explanatory material.

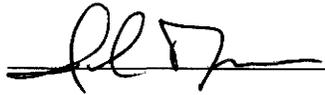
*\* See attached outline*

9. Name of person completing application: John Merzen DDS MS

Title: Orthodontist Phone Number: 319-688-0800

Fax Number: \_\_\_\_\_ E-mail: jmerzen@mac.com

Address: 1570 Mall Dr. Suite 1 Iowa City, IA 52240

Signature:  Date: 8-8-14

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov). Continuing education guidelines and rules are also available on the Board's website. A course is generally acceptable and does not need to go through this formal approval process if it is directly related to clinical practice/oral health care.

Pursuant to Iowa Administrative Code 650—25.3(5), please submit the application for approval 90 days in advance of the commencement of the activity. The Board shall issue a final decision as to whether the activity is approved for credit and the number of hours allowed. The Board may be unable to issue a final decision in less than 90 days. Please keep this in mind as you submit courses for prior approval.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

**Iowa Dental Board**  
**Continuing Education Advisory Committee**  
**400 S.W. 8<sup>th</sup> Street, Suite D**  
**Des Moines, Iowa 50309-4687**

# **Pros and Cons of Conventional Braces vs Invisalign**

## OUTLINE

### **Cases Types Treatable With Invisalign**

- Class I occlusion
- Moderate / mild overbite or overjet
- Moderate / mild dental crowding
- Mild transverse dental problems
- Dental cross bites
- Excellent cooperation
- 15 years of age minimum or completely erupted dentition (good crown exposure)
- Can be used with some orthognathic jaw surgery case set ups

### **Cases NOT Acceptable For Invisalign And Better Treated With Braces**

- Younger then 15 yrs (un-erupted dentition)
- Jaw relationship off
  - Class II and Class III
  - Complex orthognathic jaw surgery cases (most surgery cases)
- Severe crowding
- Moderate asymmetry
- Skeletal crossbite
- Moderate openbite
- Extractions needed (crowding, asymmetry, bite correction, etc.)

### **Why Are There Limitations With Invisalign**

- Not fixed to the teeth
- Use friction on tooth surface
- Limited root movement and control
- Attachments are a must for aligners to engage with tooth more
- Increase compliance issues (must wear at least 22 hrs/day)

### **Why is Conventional Orthodontic Care (Braces) More Predictable**

- Brackets are physically attached to the tooth
- Allow tooth root movement and control
- Provides more control of each tooth and bite relationship
- Allows great movement of each tooth and bite relationship
- Allows better use of elastic forces
- Better patient cooperation (Fixed vs removable)
- Forces and movement are light forces that are more consistent (KEY to orthodontics)
- Immediate refinement or adjustment to make changes
- Easier ability to react to changes in treatment
- Easy control with much better finishing results

**APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM**

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

**RECEIVED**

AUG 12 2014

IOWA DENTAL BOARD

**Note:** A fee of \$10 *per course* is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: John Merzen DDS MS  
Address: 1570 Mall Dr. Suite 1 Iowa City, IA 52240  
Phone: 319-688-0800 Fax: \_\_\_\_\_ E-mail: Jmerzen@mac.com

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): private practice

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: Adult Orthodontic Treatment Options

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: On going lectures Hours of instruction: 160 hrs  
given to general dentist / staff  
lunch & breaks

#1011B  
& 50

7. Provide the name(s) and briefly state the qualifications of the speaker(s): \_\_\_\_\_

- John Merzen DDS MS  
- Univ. of Iowa College Dentistry: DDS (95) MS ortho (97)  
- Private Practice 17 yrs  
- Specialist Orthodontics

8. Please attach a program brochure, course description, or other explanatory material.

\* see attached outline

9. Name of person completing application: John Merzen DDS MS

Title: Orthodontist Phone Number: 319-688-0800

Fax Number: \_\_\_\_\_ E-mail: jmerzen@mac.com

Address: 1570 Mall Dr. Suite 1, IOWA City, IA 52240

Signature:  Date: 8-8-14

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov). Continuing education guidelines and rules are also available on the Board's website. A course is generally acceptable and does not need to go through this formal approval process if it is directly related to clinical practice/oral health care.

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MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE** PER COURSE TO:

**Iowa Dental Board  
Continuing Education Advisory Committee  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687**

# **Adult Orthodontic Treatment Options**

## **Treatment Options:**

- Invisalign
- Clear braces
- Orthognathic jaw surgery

## **Adult Concerns**

- Misconceptions and Historical Beliefs of Orthodontic Care
  - Long treatment time (3-4 years treatment)
  - Big metal braces
  - Headgear
  - Painful
- Esthetics
  - Want something clear (Not noticeable)
  - Embarrassed to have braces as an adult (Peers)
  - Worried they will not be able to talk or eat in public
- Time
  - Society wants instant gratification
  - Busy schedules with work and life

## **Limitations:**

- NO growth or development
- Limited correction with elastics
- Degradation of supporting bone and tissue

## **Treatment Planning:**

- Ideal treatment
- Extractions
- Acceptable treatment options
- Align teeth but accept bite (Class II, Class III, posterior crossbite)
- Accepting compromises

## **Treatment Planning "Thinking Out of the Box":**

- Limited treatment
- Invisalign and fixed braces together (arches or different parts of treatment)
- Invisalign set up for orthognathic jaw surgery cases (very selected)
- Piezo (Periodontal assisted orthodontics)
  - Increase speed of treatment
  - Help with asymmetries
  - Helping with impacted teeth
  - Transverse problems
  - Severe crowding

## **Setting Up Dentition To Allow For Better Restorative Results**

- Correcting severe overbite to restore anteriors
- Uprighting and opening space for implants
- Aligning teeth for better veneer or composite buildups
- Alignment of teeth to reduce restorative needs
- Closing space from missing teeth

**APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM**

**IOWA DENTAL BOARD**  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

**RECEIVED**

AUG 12 2014

**IOWA DENTAL BOARD**

**Note:** A fee of \$10 *per course* is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: John Mergen DDS MS  
Address: 1570 Mall Dr. Suite 1 Iowa City, IA 52240  
Phone: 319-688-0800 Fax: \_\_\_\_\_ E-mail: jmergen@mac.com

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): private practice

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: Importance of Referral Timing For Growing Patients

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: On going lectures Hours of instruction: 1.0 hrs  
Given to general dentist staff  
Lunch + learn

# 10118  
850

7. Provide the name(s) and briefly state the qualifications of the speaker(s): \_\_\_\_\_

John Merzen DDS MS  
University of Iowa College Dentistry; DDS (95) MB ortho (97)  
Private practice 17 years  
Specialist orthodontics

8. Please attach a program brochure, course description, or other explanatory material.

*\* See attached outline*

9. Name of person completing application: John Merzen DDS MS

Title: Orthodontist Phone Number: 319-688-0800

Fax Number: \_\_\_\_\_ E-mail: jmerzen@mac.com

Address: 1570 Mall Dr. Suite 1 Iowa City, IA 52240

Signature:  Date: 8-8-14

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**Iowa Dental Board**  
**Continuing Education Advisory Committee**  
**400 S.W. 8<sup>th</sup> Street, Suite D**  
**Des Moines, Iowa 50309-4687**

## Importance Of Referral Timing For Growing Patients

### Why is timing so important:

- Provide care at the optimal time of growth and development
- Guide dental eruption
- Guide skeletal growth
- Prevent more severe issues (Extractions, extensive treatment and jaw surgery)

### Why Refer at Age 7:

#### Dental

- Eruption of permanent dentition
- Incisors and first molars are coming in
- Influence dental relationship
  - Overjet
  - Overbite
  - Openbites

#### Skeletal

- Growth spurt maxilla (7-9 yrs)
- Provide Class III correction
- Expansion upper jaw (posterior crossbite)
- Openbites

#### Soft Tissue and Facial soft tissue

- Frenum
- Recession
- Upper jaw deficiency
- Mandibular jaw deficiency
- Excessive mandibular jaw growth

### Time Dependent Issues (between ages 7 - 14)

#### Dental

- Proper eruption dentition
- Sequence dental eruption
- Position of teeth (transposed)
- Anterior crossbite
- Over retained primary teeth
- Prevent impacted teeth
- Prevent root resorption permanent teeth
  - Impacted cuspids against lateral root
- Thumb / finger sucking
- Dental functional shifts

#### Skeletal

- Width (crossbite - unilateral or bilateral) (7-9 yrs)
- Functional shifts
- Class III (7-9 yrs)
- Openbite (7-9 yrs)
- Class II (9-12 yrs)

### Benefits of Proper and Early Patient Referral

- Proper evaluation and monitoring by orthodontist specialist
- Reduced severity of problems (interceptive and preventive)
- Reduced amount of treatment needed

**APPLICATION FOR POST APPROVAL OF CONTINUING EDUCATION COURSE OR PROGRAM**

**IOWA DENTAL BOARD**  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
Phone (515) 281-5157  
www.dentalboard.iowa.gov

Check has been mailed to Iowa Dental Board by Dave Penfold\* 2.

NOTE: A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.

Course Title: Sleep Apnea

Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

3. Course date: 9/15/14 Hours of instruction: 3 hours

4. Provide a detailed breakdown of contact hours for the course or program:

8:30-9:30 - Introduction to Sleep

9:45-12:00 - Sleep Appliances

5. Name of course sponsor: North Central Iowa Dental District

Address: Course held at North Iowa <sup>Area</sup> Community College,  
Muse Norris Center

6. Which of the following educational methods were used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

#638  
\$10

7. Provide the name(s) and briefly state the qualifications of the speaker(s): \_\_\_\_\_  
Dr. Phillip Lee - board certified in Otolaryngology & Sleep Medicine  
Deborah Curson-Vieira - Marketing director at Dental Prosthetic  
Services & participant in American Academy of Dental  
Sleep Medicine

8. Please attach a program brochure, course description, or other explanatory material.

9. Name of person completing application: Kari Leibrand  
 Title: Dentist Secretary of Phone Number: (641) 424-4521  
North Central District  
 Fax Number: \_\_\_\_\_ E-mail: kari.leibrand@gmail.com  
 Address: 946 East State St.  
 Signature: Kari Leibrand Date: 9/17/14

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

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Pursuant to Iowa Administrative Code 650-25.3(6), within 90 days after the receipt of application, the Board shall issue a final decision as to whether the activity is approved for credit and the number of hours allowed.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

**Iowa Dental Board**  
**Continuing Education Advisory Committee**  
**400 S.W. 8<sup>th</sup> Street, Suite D**  
**Des Moines, Iowa 50309-4687**

Received Time Sep. 19, 2014 3:15PM No. 5853

# Pre-Registration and Prepayment are Required.

\* Name & Social Security Number **MANDATORY** for registration. The form may be copied.

Member Dentists: # 94515 Fee: \$75.00

License#
License #
License #

Non-Member Dentists: # 94521 Fee: \$90.00

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Dental Hygienists/Assistants/Office Staff # 94522 Fee: \$48.00 (Includes Lunch)

License #

Dental Hygienists/Assistants/Office Staff # 95374 Fee: \$38.00 (No Lunch)

License #

TOTAL FEE ENCLOSED

### RETURN FORM AND FEES TO:

Mail: NIACC Continuing Education Department  
500 College Drive, Mason City, IA 50401

Call: 641-422-4358 or 1-888-466-4222 Ext. 4358

Fax: 641-422-4112

Email: cereg@niacc.edu

Registration Deadline: September 10, 2014

stage  
**PAID**  
Mason City, IA 50401  
Permit No. 278

North Iowa Area Community College  
Continuing Education Division  
500 College Drive  
Mason City IA 50401



DR. GARY HOFFMAN  
NETTLETON DENTAL GROUP  
946 E STATE ST  
MASON CITY IA 50401-4299

## NORTH CENTRAL IOWA DISTRICT STATE DENTAL ASSOCIATION

# FALL 2014 DENTAL SEMINAR

# Sleep Apnea



Monday, September 15, 2014  
8:00 am—1:00 pm  
Muse—Norris Conference Center  
North Iowa Area Community College  
Mason City, Iowa



## DENTAL PROGRAM

## OBJECTIVES

## NORTH CENTRAL DISTRICT OFFICERS

### Sleep Apnea

Monday, September 15, 2014

North Iowa Area Community College  
Muse-Norris Conference Center

Mason City, Iowa

### COURSE DESCRIPTION

This program provides information on  
Dentistry and Sleep Apnea.

- Define Sleep Apnea
- Identify the causes of sleep apnea
- Define common co-morbidity associated with sleep apnea
- Discuss the treatment of sleep apnea
- Explain the use of oral appliances in the treatment of sleep apnea
- Identify the types of oral appliances
- Define Oral Appliance Therapy
- Explain the advantages of Oral Appliance Therapy

### SPEAKER

#### Dr. Phillip C. Lee, MD

Dr. Lee is a board-certified physician who has practiced at Mason City Clinic since 1986, currently serving on the Board of Directors and a recipient of the 2008 Mason City Clinic Physician of the Year Award. In addition to his practice duties, Dr. Lee is also a Clinical Assistant Professor at the University of Iowa and holds appointments at the Mercy Health Center—North Iowa, Naeve Hospital and Albert Lea Medical Center. He is board-certified in Otolaryngology and Sleep Medicine.

#### Deborah Curson-Vieira

Deborah is the Marketing Director at Dental Prosthetic Services in Cedar Rapids. She holds undergraduate degrees in Marketing and Communication from the University of Dayton. Deborah is an active participant in the American Academy of Dental Sleep Medicine. She works to promote collaborative care between the dental and medical fields in order to integrate oral appliance therapy using the American Academy of Sleep Medicine practice parameters. In 2012, she was instrumental in bringing the first FDA-cleared, DAD/CAM oral appliance to the United States.

### CONTINUING EDUCATION CREDIT

Dentists: 3.0 CEHs

Dental Hygienists: 3.0 CEHs

Dental Assistants: 3.0 CEHs

**\*\*\*NOTE: Participants need to be present for the entire program in order to receive Continuing Education Credit!**

*North Iowa Area Community College is committed to the policy that all persons shall have access to its programs, facilities, and employment without discrimination based upon race, religion, color, creed, sex (including pregnancy), sexual orientation, gender identity, national origin, marital status, age, disability (physical or mental), veteran status, or genetic information.*

### DENTAL ASSOCIATION:

#### President

Dr. Matt Hansen  
Mason City, Iowa

#### President—Elect

Dr. Jake Sorensen  
Clear Lake, Iowa

#### Vice President

Dr. Kari Leibrand  
Mason City, Iowa

#### Secretary—Treasurer

Dr. David Penfold  
Northwood, Iowa

#### Editor

Dr. Anthony Brantner  
Algona, Iowa

### DENTAL HYGIENIST OFFICERS:

#### President

Amy Weisharr

#### Secretary—Treasurer

Laura Abbas

#### Continuing Education

Sue Oliman

#### Legislative Chair

Nancy Miller

#### Newsletter

Amy Weisharr

# Nettleton Dental Group

946 EAST STATE STREET · MASON CITY, IOWA 50401

(641) 424-4521

[www.nettletondentalgroup.com](http://www.nettletondentalgroup.com)

## FAX COVER SHEET

Date: 9/19/14 Total # of pages 5  
(Including cover sheet)

To: Iowa Dental Board

ATTN: \_\_\_\_\_

Fax #: 515-281-7969

Phone#: 515-281-5157

FROM: Kari Leibrand

Fax#: 641-424-8403

Phone#: 641-424-4521

RE: Conting Education Approval <sup>Post -</sup>  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**\*\*The information in this document is confidential and not for dissemination to the public. The information is intended solely for the addressee. If this is received in error please contact The Nettleton Dental Group, PC at the above address, phone, or fax.\*\***

G.D. HOFFMAN, D.D.S.

N.J. HEHR, D.D.S

S. NETTLETON, D.D.S.

R.T. WHITE, D.D.S.

K.L. LEIBRAND, D.D.S.

APPLICATION FOR POST APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM

RECEIVED

JUL 31 2014

IOWA DENTAL BOARD

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
Phone (515) 281-5157  
www.dentalboard.iowa.gov

NOTE: A fee of \$10 *per course* is required to process your request. PLEASE TYPE OR PRINT.

1. Course Title: Sirona Galileos Training

2. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

3. Course date: 6-19-14 Hours of instruction: 4

4. Provide a detailed breakdown of contact hours for the course or program:

- Discussed radiation dose of CMS, 3D cone beam, Panalipse. Compared total dose of each
- Reviewed head and neck anatomy. Skeletal and radiographic.
- Reviewed 3D cartesian radiographs. Went over reading 3D images. Pointed out major anatomical features and normal vs. abnormal - Details of medical billing.
- Discussed sleep apnea and airway construction. How 3D images can show construction which can help diagnose sleep disturbances ie- snoring.
- Discussed Implant planning, Bone grafting. Surgical guides.

5. Name of course sponsor: \_\_\_\_\_

Address: Sirona Dental Systems  
4835 Sirona Dr. Suite 100  
Charlotte, NC 28273

6. Which of the following educational methods were used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

#0091 8  
610 7/31/14

7. Provide the name(s) and briefly state the qualifications of the speaker(s): \_\_\_\_\_

Tom Thwente is the territory manager for Sirona Dental Systems covering MN, IA, N. Dakota, and S. Dakota. Tom has 8 years experience in 2D & 3D imaging and training.

8. Please attach a program brochure, course description, or other explanatory material.

9. Name of person completing application: Brenda Keatley / Eric Shelton

Title: RDA / DDS Phone Number: 563-382-2441

Fax Number: \_\_\_\_\_ E-mail: \_\_\_\_\_

Address: 501 Sanford Des Moines, IA 52101

Signature: Brenda Keatley Date: 7-20-14

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MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

**Iowa Dental Board  
Continuing Education Advisory Committee  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687**

*\*please provide receipt if possible*

RECEIVED

MAR 06 2014

IOWA DENTAL BOARD

APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

**Note:** A fee of \$10 *per course* is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: Sarah Bauer  
Address: 1529 Merle Hay Road, Des Moines, IA 50311  
Phone: 515-971-5124 Fax: N/A E-mail: sarahbebauerglobal.com

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): \_\_\_\_\_

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: Sugar, Sugar, Sugar: From Carbon to Caries

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: 4-5-14 Hours of instruction: 3

# 4607  
\$ 10.00  
86 3/6/14

7. Provide the name(s) and briefly state the qualifications of the speaker(s):

Sarah Bauer is a dental hygienist who has been practicing for over 5 years. She has presented two previous continuing education courses at the competent level in the past. She is an adjunct instructor at DNACC.

8. Please attach a program brochure, course description, or other explanatory material.

9. Name of person completing application: Sarah Bauer

Title: Dental hygienist Phone Number: 515-971-5124

Fax Number: N/A E-mail: sarahb@bauerglobal.com

Address: 1929 Merle Hay Rd Des Moines, IA 50311

Signature: Sarah Bauer Date: 3-4-14

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**Iowa Dental Board  
Continuing Education Advisory Committee  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687**

**Sugar, Sugar, Sugar: From Carbon to Caries**

**Presenter: Sarah Bauer, RDH BA**

**Course Description:**

Chemistry of sugar

History of sugar

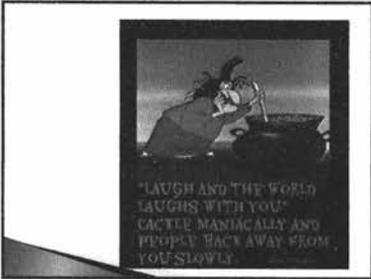
Marketing of sugar

Soda and cereal

Sugar and systemic health

Sugar and oral health

Food journals, CAMBRA, and caries risk assessment



1

**Sugar in the News...**

Des Moines Sunday Register Nov 3, 2013  
Sesame Street Characters to tout fruits, veggies

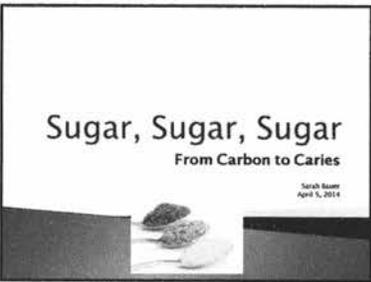
Des Moines Sunday Register Dec 29-2013  
Law Calls for Calorie Information on Vending Machines

USA Today Weekend Jan 24-16,2014  
Sweet advice to store cereal

4



7



2

▶ One day you will wake up and there won't be any more time to do the things you've always wanted. Do it now.

*Paulo Coelho*

9



8

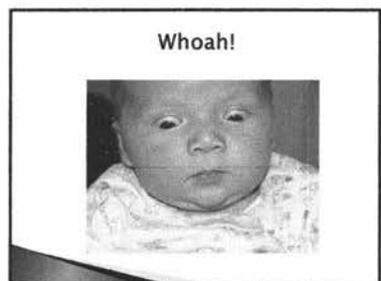
**Objectives**

- ▶ Chemistry of sugar
- ▶ History of sugar
- ▶ Marketing of sugar
  - Soda
  - Cereal
- ▶ Sugar and systemic health
- ▶ Sugar and oral health
  - Periodontal
  - Caries

3

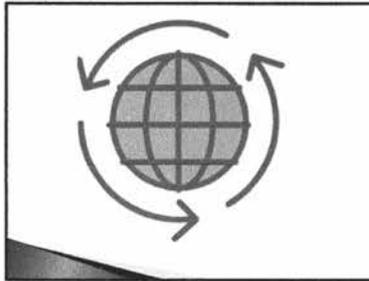


6



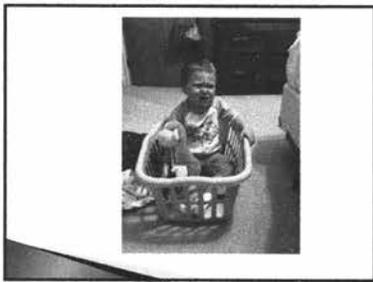
9

Han \* gry  
 › /'han - gree/ *adj.*  
 › Anger fueled by hunger. A cranky state resulting from lack of food, especially sweet things.



Food and beverage sources of added sugars are

- › regular soft drinks, energy drinks, and sports drinks
- › candy
- › cakes
- › cookies
- › pies and cobblers
- › sweet rolls, pastries, and donuts
- › fruit drinks, such as fruit-ades and fruit punch
- › dairy desserts, such as ice cream



What is sugar?

- › One of the three types of carbohydrates.
  - Starch, fiber, and sugar.

Sugar is found in foods of plant origin.

Sugar is classified in food as either naturally occurring or added



Let's start at the very beginning...

<http://www.youtube.com/watch?v=eo5XndJaz-Y>

What are added sugars?

Added sugars are sugars and syrups that are added to foods or beverages when they are processed or prepared.

anhydrous dextrose	malt syrup
brown sugar	maltose
confectioner's powdered sugar	maple syrup
corn syrup	molasses
corn syrup solids	nectars (e.g., peach nectar, pear nectar)
dextrose	pancake syrup
fructose	raw sugar
high-fructose corn syrup (HFCS)	sucrose
honey	sugar
invert sugar	white granulated sugar
lactose	

▶ You may also see other names used for added sugars, but these are not recognized by the FDA as an ingredient name.  
 ▶ cane juice  
 ▶ evaporated corn sweetener  
 ▶ fruit juice concentrate  
 ▶ crystal dextrose  
 ▶ glucose  
 ▶ liquid fructose  
 ▶ sugar cane juice  
 ▶ fruit nectar.



### The 6 sugar molecules

- ▶ 3 single sugars (monosaccharides)
  - Glucose
  - Fructose
  - Galactose



### Galactose

- ▶ Has the same number and kind of atoms as in glucose and fructose, but in another arrangement



### Which has more sugar ?



### Glucose

<http://www.youtube.com/watch?v=jvAL-iiLnQ>

C 6 H 12 O 6

- ▶ Single sugars = monosaccharides
- ▶ Pairs of sugars = disaccharides



### Which has more sugar ?



3 cookies/11 grams of sugar      1 cup/12 grams of sugar

### Fructose

- ▶ Fruit sugar



### Disaccharides

Lactose is milk sugar  
Glucose + Galactose

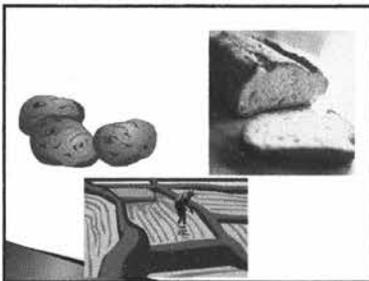
Maltose is malt sugar  
Glucose + Glucose

### What is table sugar?

Glucose  
"kind of sweet"

Fructose  
"very sweet"

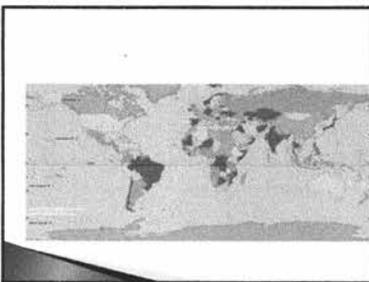
Sucrose (ordinary table sugar)  
"just about right"



▶ <http://www.youtube.com/watch?v=cmp7DyUkVXI>

### Table sugar contains no

- ▶ Vitamins
- ▶ Minerals
- ▶ Trace elements
- ▶ Fiber



### The history of refined sugar



### Society's ignorance

- › Refrigeration
- › Packaging
- › Transportation



### Liver

- › The blood delivers all products of digestion to the liver first.



### Glucose

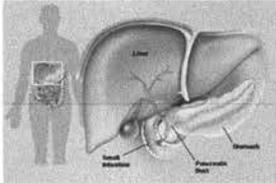
- › The most used monosaccharide in our bodies.



### What should we eat?



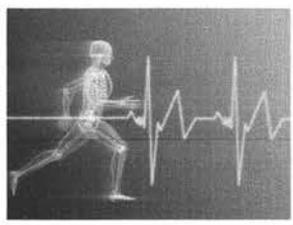
### Pancreas



### Glycogen



### How does the body process sugar?



### All energy is not the same.



› Sugar molecules dangle from many of the body's fat and protein molecules.



*All Day Snacking*



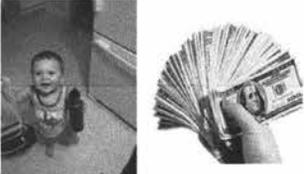
**General Mills**

- › \$2 billion lineup of sugary cereals
- › "we fortify our cereals" Stephen Sanger CEO
- › And lowered the amount of sugar put in them

**Sugar**

› <http://m.youtube.com/watch?v=EFInGx085U>

**CEO's fight for**



**Kraft**



**It's marketing, baby....**

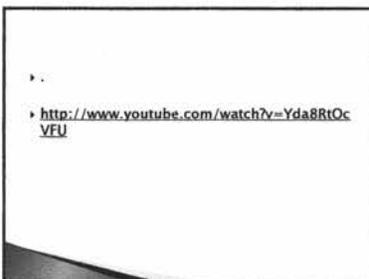
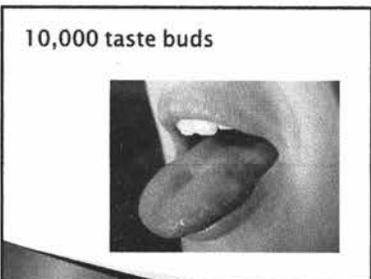
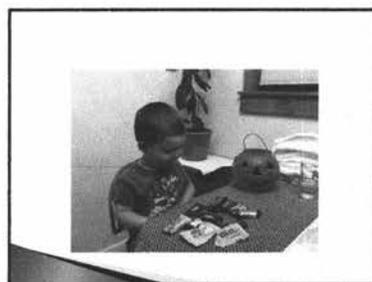
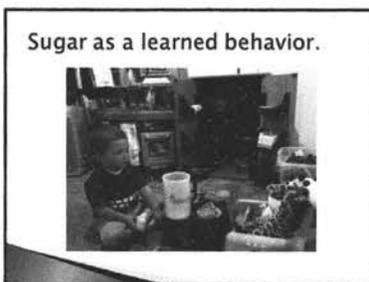
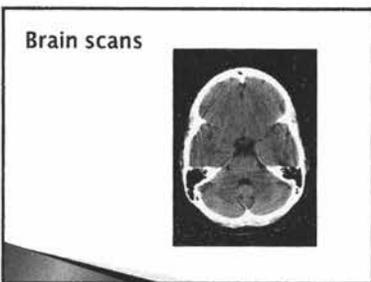
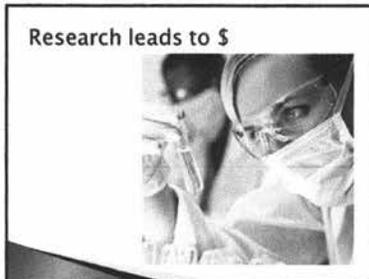
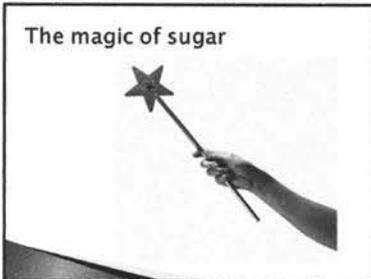


**Addictions**

- › Cigarettes
- › Drugs
- › Alcohol
- › Food

› <http://www.youtube.com/watch?v=Xn1c18FNUGM>





**Sugar and food safety**

- › 1. Dental decay is rampant.
- › 2. Sugar is possibly linked to heart disease.
- › 3. Consumers have lost control of use of sugar and it's not the sugar bowl at home as 2/3 of sugar in America's diet now comes from processed foods.



**8. Kellogg's Apple Jacks 42.9%**



**Saving food companies...**

- › In 1985, Monell helped to establish that sugar is inherently loved by newborn babies.
- › So now companies could argue that sugar was not artificial.

**10. Froot Loops 41.4%**



**7. Smorz 43.3%**



**Trillion dollar question...**

- › Does sugar cause people to overeat?

**9. Cap'n Crunch's Crunch Berries 42.3%**



**6. Honey Graham Oh's 44.4%**



5. Cap'n Crunch Original 44.4%



2. Golden Crisp 51.9%



**Soft drinks**

- › \* leading source of added sugars in average American diet comes from soda.
- › \* 55 gallons per year per capita
- › \* ½ of all Americans drink soda daily
- › <http://www.bing.com/videos/search?q=youtube+effects+of+soda+on+our+body&FORM=VIRE1&view=detail&mid=1753866C41CB80A3157B1753866C41CB80A3157B>

4. Cap'n Crunch Oops All Berries 46%



1. Honey Smacks 55.6%



**Soft drinks continued...**

- › \* 10 teaspoons of sugar in each 12 oz can of soda
- › \* soda replacing milk, water, and fruit juice
- › \* sugary snacks in machines

3. Froot Loops Marshmallow 48.3%

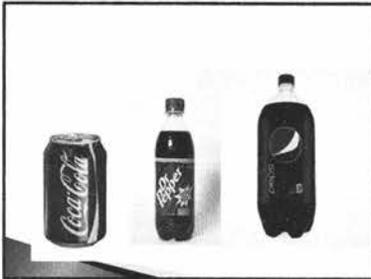


**What does sugar do in foods?**

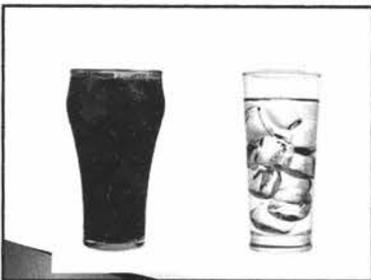
- › Candy makers need sugar to add bulk, texture, and crystallization.
- › Cereal makers need sugar to add color, crisp, and crunch.
- › Bread makers use all forms of sugar

**Soda**

- › \*tooth decay
- › \* weak bones
- › \*obesity
- › \*diabetes



- › Sensory specific satiety
  - Food that stimulates taste buds enough to be alluring, but doesn't have a distinct overwhelming flavor that says to the brain, enough already!
- Bliss point syndrome =
  - optimum sensory liking

Moskowitz

- › Reworks the food with key formulations of sugar, fat, and salt.
- › The goal is to find the bliss point.
- › Using math and calculations, they engineer products with 1 goal, to create the biggest crave.

Sugar and systemic

- › Obesity
- › Heart disease
- › Diabetes
- › Inflammation
- › <http://www.youtube.com/watch?v=Xw0JlR1lxQI>

- › Dr. Pepper
- › Wouldn't you like to be a pepper too?
- › <http://www.youtube.com/watch?v=Ssmjk0m8xxY>



Bliss point range

- › Dr. Pepper could use range of flavoring.
- › From 2.0 ml to 1.6 ml in making product.

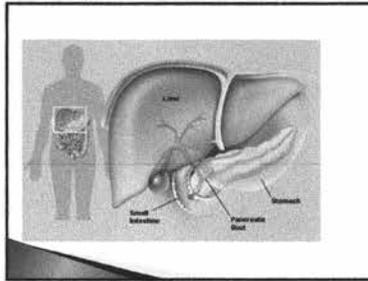


US Obesity

- › US is the most obese country in the world.
- › Adults = 35%
- › Children ages 6-11
- › 2006-2008
- › 15% - 20%
- › <http://www.youtube.com/watch?v=Xn1cl8FNUGM>

### AHA Recommendations

- ▶ Recommended limits for sugar
- ▶ Average American consumes 22 tsp/day
- ▶ Recommended no more than half of daily discretionary calories come from added sugars
- ▶ Women = 100 calories = 6 tsp/day
- ▶ Men = 150 calories = 9 tsp/day



### Glucagon

- ▶ The hormone of fasting.

- ▶ <http://www.youtube.com/watch?v=TAXoPBUbesE>

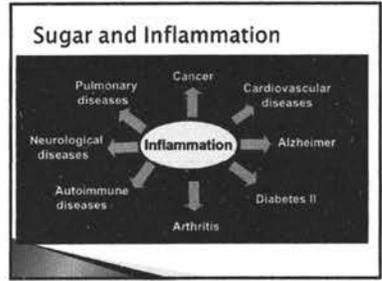
- ▶ **Insulin**
  - Causes body to store extra sugar as fat.
  - Inhibits mobilization of previously stored fat.
  - Stimulates liver to make more cholesterol.

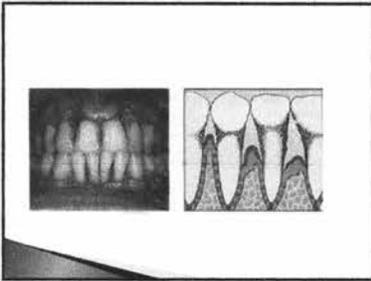
### Pts with type II diabetes

- ▶ Heart attack
- ▶ Stroke
- ▶ Loss of vision
- ▶ Amputation

### Diabetes

### Insulin is like a





Sugar, saliva, and bacteria

Sugar, saliva, and bacteria

Dental Hygiene 101 Caries

Fermentable Carbohydrate + Bacterial Plaque = Acid

Sugar, saliva, and bacteria

Factors for Caries

- Frequency of meals, snacks, beverages
- Consistency of foods and beverages
- When foods consumed
- Time length of exposure
- Bacteria
- Susceptible tooth

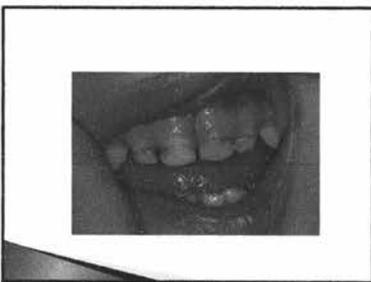
Dental Hygiene 101

Acid + Tooth = Decay

Sugar, saliva, and bacteria

**My father  
used to say,  
'Don't Raise  
your voice.  
Improve your  
argument'**  
~Archbishop Desmond Tutu

• Dimensions of Dental Hygiene March 2014  
• [http://www.dimensionsofdentalhygiene.com/2014/03\\_March/Features/Evidence-Based\\_Guidelines\\_for\\_Caries\\_Prevention.aspx](http://www.dimensionsofdentalhygiene.com/2014/03_March/Features/Evidence-Based_Guidelines_for_Caries_Prevention.aspx)



**Food journals and cambra**  
• <http://www.Choosemyplate.gov>  
• <http://www.myfitnesspal.com/>  
• [http://www.ada.org/sections/professionalResources/pdfs/topics\\_caries\\_educational\\_under6.pdf](http://www.ada.org/sections/professionalResources/pdfs/topics_caries_educational_under6.pdf)  
• [http://www.ada.org/sections/professionalResources/pdfs/topics\\_caries\\_educational\\_over6.pdf](http://www.ada.org/sections/professionalResources/pdfs/topics_caries_educational_over6.pdf)

*Thank you for your  
attention.  
Thank you for your time.*  
  
Sarah Bauer, RDH, BA

RECEIVED

FEB 20 2014

IOWA DENTAL BOARD  
APPLICATION FOR POST APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
Phone (515) 281-5157  
www.dentalboard.iowa.gov

NOTE: A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.

1. Course Title: Temporomandibular Joint Disorder Evaluation and Treatment  
and Occupational Hazards Related to Dentistry
2. Course Subject:

- Related to clinical practice  
 Patient record keeping  
 Risk Management  
 Communication  
 OSHA regulations/Infection Control  
 Other: \_\_\_\_\_

3. Course date: Jan. 14, 2014 Hours of instruction: 2

4. Provide a detailed breakdown of contact hours for the course or program:

Lecture on TMJ anatomy, movements, problems, diagnosis and  
treatment for 1 hour. Demonstration on live patient from their clinic  
for 20 minutes on TMD he is experiencing. Lecture on correct posture  
and exercises to improve career longevity - 20 min Q+A at end 15 min.

5. Name of course sponsor: Universal Therapy Group

Address: 411 W Agency Rd #1 West Burlington, IA 52655  
(319) 752-7727 or (309) 299-4948

6. Which of the following educational methods were used in the program? Please check all applicable.

- Lectures  
 Home study (e.g. self assessment, reading, educational TV)  
 Participation  
 Discussion  
 Demonstration

\* Full course materials from original request are on the Board's website: 3/26/2014 CEAC mtg. materials.

7. Provide the name(s) and briefly state the qualifications of the speaker(s): \_\_\_\_\_  
Karla Steffensmeier - Physical Therapist  
Adam Schefers - Physical Therapist  
Both therapists were chosen from their clinic because of their  
experience with TMJ-related problems

8. Please attach a program brochure, course description, or other explanatory material.  
Already sent

9. Name of person completing application: Nathan Heubner  
Title: Dental Society President Phone Number: 319-601-9264  
Fax Number: 319-754-6770 E-mail: nathan-heubner@hotmail.com  
Address: 700 N. 3rd St. Burlington, IA 52601  
Signature: Nathan Heubner Date: 2/15/14

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov). Continuing education guidelines and rules are also available on the Board's website. A course is generally acceptable and does not need to go through this formal approval process if it is directly related to clinical practice/oral health care.

Pursuant to Iowa Administrative Code 650—25.3(6), within 90 days after the receipt of application, the Board shall issue a final decision as to whether the activity is approved for credit and the number of hours allowed.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE** PER COURSE TO:

Iowa Dental Board  
Continuing Education Advisory Committee  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687

I already sent the  
check in

Nathan M. Heubner, D.D.S.  
President, Des Moines County Dental Society  
700 North Third Street  
Burlington, Iowa 52601

RECEIVED

JAN 17 2014

IOWA DENTAL BOARD

January 14, 2014

Iowa Dental Board  
Continuing Education  
400 SW 8th Street, Suite D  
Des Moines, Iowa 50309-4686

To Whom It May Concern:

I am writing on behalf of the members of the Des Moines County Dental Society to request approval for two hours of continuing education credit. I currently serve as President of our dental society and am responsible for coordinating continuing education opportunities. Enclosed you will find the educational material discussed and handed out at a class that took place on January 14, 2014 from 6-8 PM in Burlington. The lecture and live patient demonstrations were conducted by Universal Therapy Group based here in Burlington. The main topics were related to the temporomandibular joint and associated disorders, and current treatment modalities.

Please consider approval of the two hours of continuing education for my members. If you have questions or would like more information, please contact me at (319) 752-1840 or nathan-heubner@hotmail.com. I have also enclosed a check for \$10 to cover the standard fee associated with such a request.

Thank you,



Nathan M. Heubner

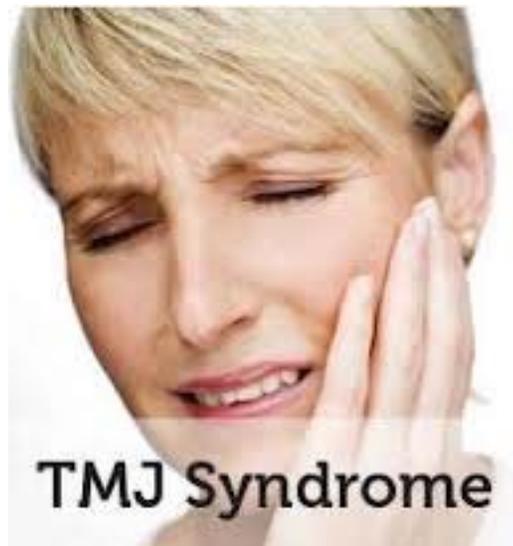


# UNIVERSAL THERAPY GROUP

Empower yourself, Choose Universal!

# Temporomandibular Joint

## *Physical Therapy Assessments and Treatment*



Presented by:  
Adam Schefers  
Crystal Wilson

# Purpose

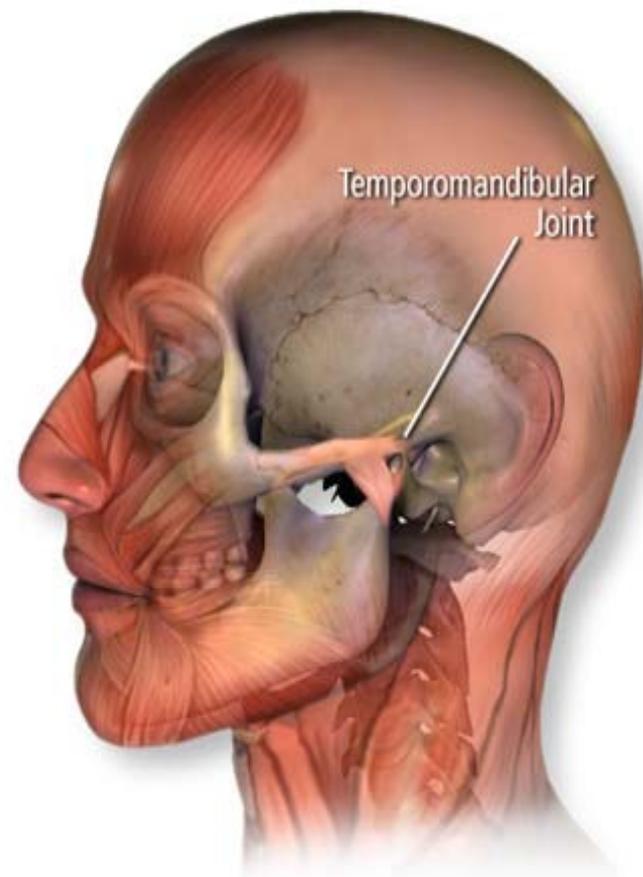
- + To illustrate the statistics of TMJ disorders
- + Identify the anatomy and proper biomechanics of the TMJ joint
- + Use the CRPT test to identify disc placement in TMJ and therefore to possibly ascertain success using Conservative treatment options.
- + Help Dentist with their posture by utilizing various ergonomic techniques and exercises to minimize neck and back pain.

# Why are we talking about the T.M.J?

- + Many patients suffer from T.M.D
  - + 20-25% of population exhibit symptoms of TMD
  - + 30 million Americans are diagnosed each year(new cases)
- + Difficult to Diagnose and Treat
  - + Multiple factors

# Definition of TMJ

- + The temporomandibular joint (TMJ) is a freely moveable articulation between the condyle of the mandible and the temporal bone. It is a true synovial joint and, therefore, has much in common with the other synovial joints of the body.



# Biomechanics + Anatomy

- + 3 Degrees of Freedom
  - + Each Degree of Freedom on Separate axis of motion
  - + Rotation and Anterior Translation Primary Movements
- + Disc
  - + Disperses Forces of joint motion over broader area
  - + Prevents bone to bone contact
- + Joint Capsule
  - + Ligamentous Support
  - + Anterior/Posterior capsule

# Biomechanics and Anatomy

- + Neural impact
  - + Trigeminal Nerve(Altered Bite Mechanics)
  - + Trigemino-cervical Complex
    - + V,VII,VIII, C1-4, Vagus
- + Positions of the Joint
  - + Occlusal Position
  - + Opening
  - + Closing

# Biomechanics and Anatomy

## Typical Muscles involved

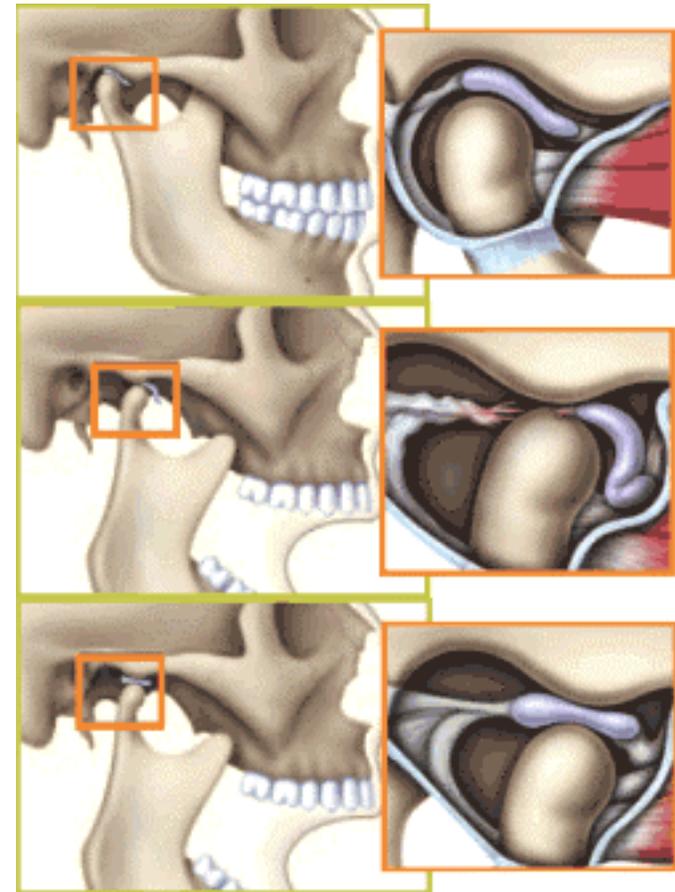
- + Lateral Pterygoid
  - + Lateral Protrusion
- + Masseter
  - + Powerful Chewer
- + Temporalis
  - + Elevation of Mandible
- + Osseous Structures

# Biomechanics and Anatomy

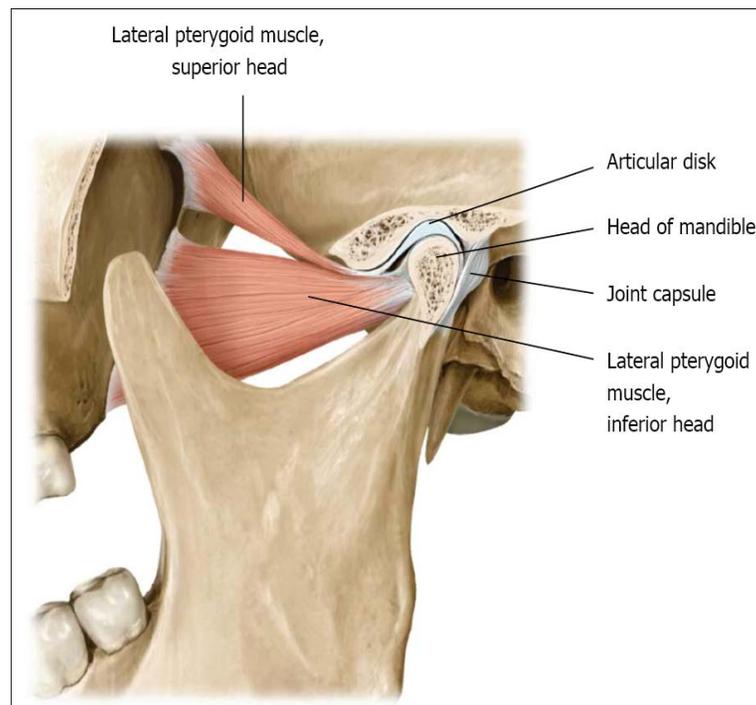
- + Closed pack position of the joint
  - + 2 closed packed positions
    - + Anterior
      - + Maximum Opening
    - + Posterior
      - + Maximum Retrusion
- + Resting/Open-packed position
  - + No Contact in between max/mandi teeth
  - + Tongue against palate.

# Definition of TMJ Disorder

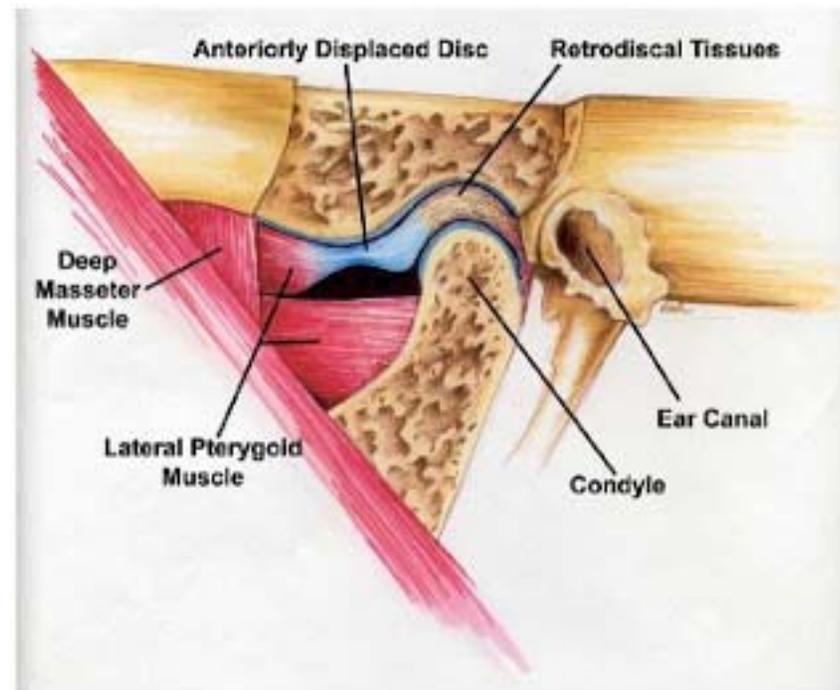
- Temporomandibular disorders (TMDs) refers to a group of disorders affecting the temporomandibular joint (TMJ), masticatory muscles and the associated structures. These disorders share the symptoms of pain, limited mouth opening and joint noises.
- Etiology:  
TMJ disorders are thought to have a multifactorial etiology, but the pathophysiology is not well understood. Causes can be classified into factors affecting the joint itself, and factors affecting the muscles and joint function.



# Closer Look....



Normal TMJ-no sign of TMD



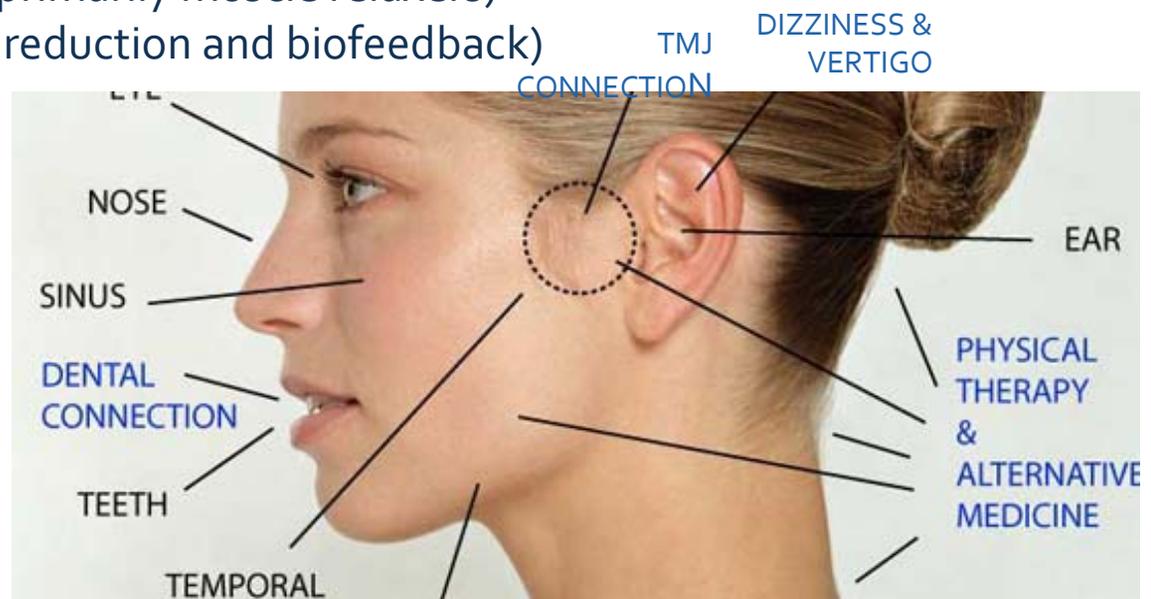
TMJ with anterior disc displacement - has TMJ dysfunction

# Professionals Involved With TMJ

Primary referrals are from: Dentists, Orthodontists, Doctors, Oral Surgeons, Psychologists, Neurologists, and Ear/nose/throat specialists.

*Treatment can be performed by:*

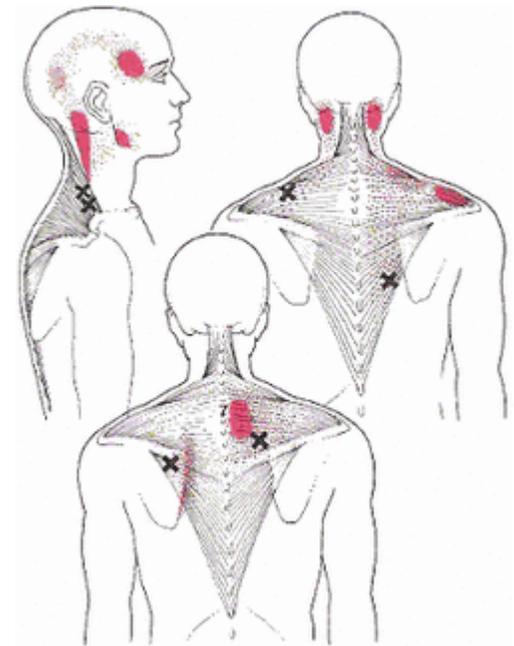
- Physical Therapists (posture, pain management, and)
- Dentists (mouth guards)
- Doctors (medication-primarily muscle relaxers)
- Psychologists (stress reduction and biofeedback)
- Chiropractors



# Differential Diagnosis

Facial pain can be a symptom of many conditions:

- Sinus or ear infections
  - Associated with pressure, congestion, ear aches, fever, recent cold/flu, headaches
- Various types of headaches
  - Tension, migraine, sinus
- Facial neuralgias (nerve-related facial pain)
  - Cranial nerve 5 & 7.
- Heart attack
- Mouth breather
- Referring to the Research Diagnostic Criteria for TMD



# Symptoms

- Radiating pain in the face, jaw, or neck
- Jaw pain & fatigue and muscle stiffness
- Limited movement or locking of the jaw
- Painful clicking
- Popping or grating in the jaw joint when opening or closing the mouth
- A change in the way the upper and lower teeth fit together.
- Difficulty opening your mouth to eat or talk
- Ringing in your ears
- Dizziness
- Headache

# Occurrences & Risk Factors

- 75% of the population has a sign of TMD.
- 33% of the population has one sign that would cause them to seek treatment.
- Women's ages 20-30 are 3X more likely to have jaw problems.
- 79% of patient's with systemic hypermobility go on to develop TMJ problems (EDS)
- Risks: Stressful life, age, sex, clenching & grinding habits, ill-fitting denture or a crown for a long time, diseases like fibromyalgia & arthritis.

# Increases of TMD

- Increased stress
- Increased use of computers
- Poor Posture Habits: many of us spend a great deal of time sitting at a desk, where we often hold our head too far forward as we work. But there are many other kinds of bad posture. Sitting in the car for a long commute, working at a checkout station, cradling a telephone receiver against the same shoulder for long periods of time, always carrying your child on the same hip—all can place the head in an awkward position and cause jaw problems. The "forward head position" puts a strain on the muscles, disk, and ligaments of the TMJ. The jaw is forced to "rest" in an opened position, and the chewing muscles become overused.
- Dentists being more aware of symptoms
- Arthritis (Rheumatoid and Osteoarthritis)
- Hormones (increased hormone therapy and contraceptive use)
- Systemic hypermobility

# Chronic headaches & Migraines, TMJ can be a significant cause....

When your muscles are relentlessly strained or squeezed, it can result in tension headaches. TMJ headaches can also be caused by a build-up of blood pressure. **When the muscles in your face, head, and neck are strained, they prevent blood from flowing to the correct places.** When this happens, your body attempts to correct the problem by sending more blood to the area, which increases blood pressure. This feeling of pressure around the head (called a vascular headache) can be exceptionally painful.

**TMJ headaches are often so painful, severe and frequent that they are often misdiagnosed as migraines.** Migraine headaches are mainly on one side of your head and are usually accompanied with visual disturbances and extreme sensitivity to light. The treatment for migraine headaches is much different from headaches due to dislocated joints so it's imperative a trained medical professional make the distinction.



# PT Assessment (Handout)

To identify the cause of the symptoms, the physical therapists will first:

- Review your medical history, and discuss any previous surgery, fractures, or other injuries to your head, neck, or jaw.
- Conduct a physical examination of your jaw and neck.
- Evaluate posture and how the cervical spine
- Examine the TMJ to find out how well it can open and whether there are any abnormalities in jaw motion. The therapist might place his or her hand in your mouth in order to examine your jaw movement.

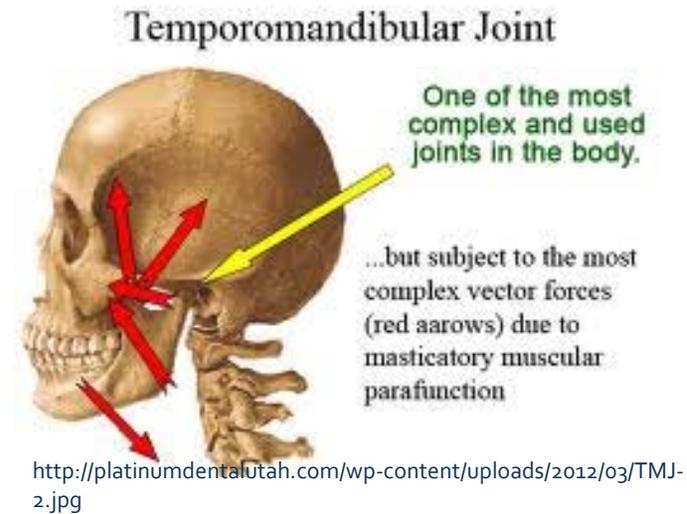
\*The PT will implement a plan to treat your underlying biomechanical problems. If, after the examination, the physical therapist suspects that your pain is a result of the position ("alignment") of your teeth, the therapist will refer you back to your dentist for further examination.

# CRPT Test.....



# TMD Categories

- + Masticatory Muscle Disorders
- + Arthralgia or Joint Disorders
- + Disc Derangement Disorders



# Masticatory Muscle Disorders

## Subjective:

- + Reports of pain associated with functional activities such as chewing, swallowing, and speaking
- + Pain is in the face, jaw, temple, in front of the ear or in the ear in the past month
- + Pain can awaken them at night and/or is present in the AM upon awakening
- + Ear symptoms
  - + Ringing/fullness

# Masticatory Muscle Disorders

Objective:

- + Painful to palpation over minimum of one site, typically masseter and/or temporalis
- + Pain with maximum unassisted opening
- + Mouth opening is limited (may or may not be painful)

# Masticatory Muscle Pain

Treatment:

- + No chew diet
- + Behavioral modification
- + Modalities
  - + Ultrasound, iontophoresis, low level laser therapy, electrical stimulation
- + Intraoral massage
- + Self help

# TMD Arthralgia

Subjective:

- + Patient reports pain in face, jaw, temple, in front of the ear or in the ear during the past month
- + Parafunctional activity may increase pain
- + Less ROM in the morning, more throughout the day, tightening again at night

# TMD Arthralgia

Objective:

- + Joint palpation to assess lateral collateral ligament tenderness, posterior disc attachments, position of condyle in temporal fossa
- + Joint dynamics may or may not be limited
- + Stethoscope to listen for crepitus sounds versus a discrete “click”

# TMD Arthralgia

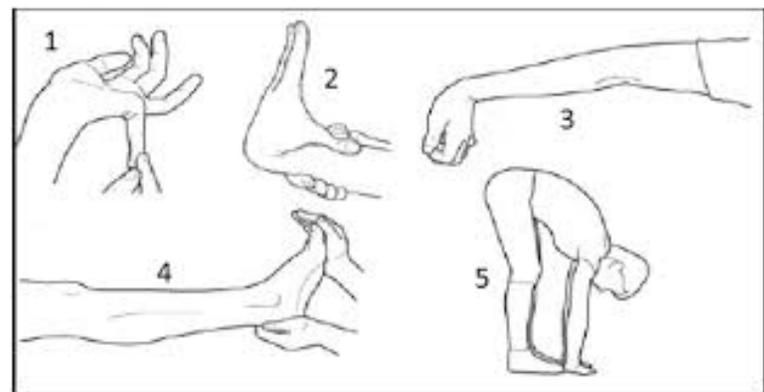
Treatment:

- + No chew diet
- + Treat masticatory pain if present
- + Controlled mouth opening
- + Control yawn
- + Avoid elective dental work
- + Modalities

# Hypermobility

Subjective:

- + Patient report the jaw “goes out” when opening wide
- + Joint noises at end of mouth opening or beginning of mouth closing
- + Jaw catches as closing from fully opened



# Hypermobility

Objective:

- + “Jutter” felt at end of mouth opening and beginning of mouth closing
- + Deviation can be present, typically closer to the maximally opened position than that seen with disc derangement disorder

# Hypermobility

## Treatment:

- + Patient education
- + Control mouth opening
  - + Eat smaller bites of food
  - + Limit mouth opening with dental cleanings
  - + No Jimmy John's subs
  - + Control yawning

# Disc Displacement

Classification of disc displacement:

- + Stage 1: Disc Displacement with Reduction (DDWR)
- + Stage 2: Disc Displacement without Reduction with limited opening (DDWoR WLO)
- + Stage 3: Disc Displacement without Reduction without limited opening (DDWoR WoLo)

Factors contributing:

- + Trauma
- + Anterior displaced by muscles (superior lateral pterygoid)
- + Superior retrodiscal lamina becomes elongated
- + Lateral collateral ligament laxity (repetitive, sustained, excessive joint loading)

# Disc Displacement

## Treatment:

- + Educate patient on popping may continue indefinitely, may experience brief moments of locking (DDWR)
- + Treat other sources of symptoms such as arthralgia, muscle pain, cervical spine pain
- + Manual techniques
  - + Mobilization: long axis distraction, lateral or medially mobilize joint distraction
- + Controlled mouth opening
- + Lateral excursion (2 tongue depressors or hyperboloide)
- + Postural correction program
- + Mandibular isometrics

# PT Treatment

- Pain Management: Manual therapy, Electrical stimulation, TENS, and ultrasound
- Posture education
- Improve Jaw Movement
- Once your therapist gets your neck and jaw joints moving appropriately again, strengthening and stabilizing exercises are prescribed to maintain the new position of the TMJ. These exercises can include upper back and neck strengthening and relaxation techniques to correct postural alignment, range of motion exercises to promote jaw mobility and isometric holding exercise to strengthen the TMJ. TMJ symptoms may present differently between patients, so your therapist will prescribe treatment that is specifically tailored to your needs.

# Ways to Prevent this Condition

(Handout for home ex-program)

Maintaining good sitting posture is key to preventing TMJ problems. Your physical therapist will show you how to maintain good sitting posture to prevent future episodes of TMD.

## *General Tips:*

Avoid repetitive chewing, such as gum chewing

Avoid smoking

Avoid opening the jaw too wide

Avoid eating hard or chewy foods

Maintain good oral hygiene and tooth health

Avoid sleeping on your stomach, which forces the neck to rotate to one direction in order to maintain an open airway, increasing stress on the TMJ

*At work:* Your work should be directly in front of you and not off to the side where you are forced to look in one direction for long periods of time. Use a headset that allows the neck and jaw to remain in a restful("neutral") position.

# There are three types of surgery for TMD

**Arthrocentesis.** This is a minor procedure performed in the office under general anesthesia. It is performed for sudden-onset, closed lock cases (restricted jaw opening) in patients with no significant prior history of TMJ problems. The surgery involves inserting needles inside the affected joint and washing out the joint with sterile fluids. Occasionally, the procedure may involve inserting a blunt instrument inside of the joint. The instrument is used in a sweeping motion to remove tissue adhesion bands and to dislodge a disc that is stuck in front of the condyle (the part of your TMJ consisting of the "ball" portion of the "ball and socket").

**Arthroscopy.** Patients undergoing arthroscopic surgery for TMD first are given general anesthesia. The surgeon then makes a small incision in front of the ear and inserts a small, thin instrument that contains a lens and light. This instrument is hooked up to a video screen, allowing the surgeon to examine the TMJ and surrounding area. Depending on the cause of the TMD, the surgeon may remove inflamed tissue or realign the disc or condyle. Compared with open-joint surgery, this surgery is less invasive, leaves less scarring, and is associated with minimal complications and a shorter recovery time. Depending on the cause of the TMD, arthroscopy may not be possible, and open-joint surgery may be necessary.

**Open-joint surgery.** Patients undergoing open-joint surgery for TMD also are first given a general anesthesia. Unlike arthroscopy, the entire area around the TMJ is opened so that the surgeon can get a full view and better access. There are many types of open-joint surgeries. This treatment may be necessary if:

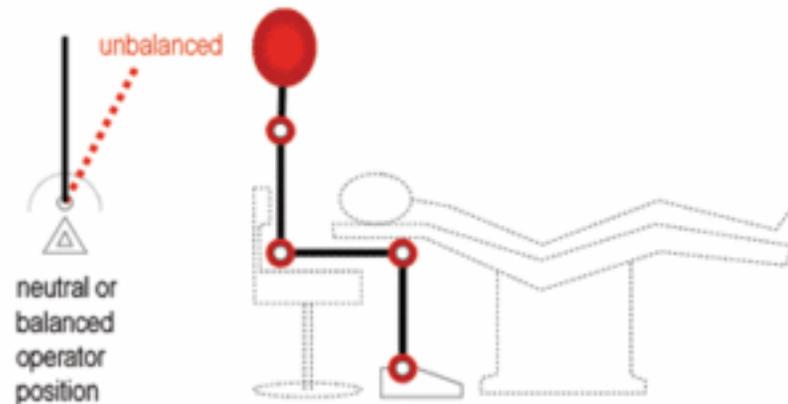
- o The bony structures that comprise the jaw joint are deteriorating
- o There are tumors in or around your TMJ
- o There is severe scarring or chips of bone in the joint

Compared with arthroscopy, open-joint surgery results in a longer healing time, and there is a greater chance of scarring and nerve injury.

# Summary-Case Study

# Dental Posture

$$\text{TORQUE} = \text{FORCE} \times \text{DISTANCE to fulcrum} \times \text{Sin } \theta$$



Most ergonomic injuries in dentistry result from counteracting torque for prolonged periods of time. Torque or “rotational force” occurs when a system becomes unbalanced (image above).

# Posture and Dentists

- + Let's get to the "tooth" of the matter.
  - + Many Dentists retire early due to back and neck pain.
  - + Increased Muscle activity with
    - + Lateral Bending over 30 degrees
    - + Twisting over 15 degrees.
- + Listen to Adam's Mother (and other good activities)
  - + "Joann's Posture Exercise"
  - + Levator Scapulae Stretch
  - + Wrist Flexion Exercises
  - + Chin Retractions



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Some of our Services



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Fax: 319.352.7774

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Phone: 319.352.7727  
Fax: 319.352.7774

1401 S. Main Street  
Fairfield, IA  
Phone: 641.209.1446  
Fax: 641.209.1447

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Fax: 319.352.7774

Map Not to Scale

- Same Day Appointment
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- Consistent Therapist

## OUR SERVICES INCLUDE:

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  - Dry Needling
  - Hands on Manual Techniques
- T.M.J
- Arthritis Prevention & Rehab
- Geriatric Problematic Issues
- Pediatric Therapy
- Hand Therapy & Custom Splints
- Women's Health
- Neurological Disorders
  - Stroke Post Rehab
- Work Conditioning/Rehab
  - Work Comp Injuries

## HOURS OF OPERATION:

Monday - Friday  
7:00 a.m. - 7:00 p.m.  
or By Appointment

EMPOWER YOURSELF, CHOOSE UNIVERSAL!

Questions???

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APPLICATION FOR PRIOR APPROVAL OF APR 04 2014  
CONTINUING EDUCATION COURSE OR PROGRAM  
IOWA DENTAL BOARD

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

Note: A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: Oral Surgeons PC  
Address: 7400 Fleur Dr. Suite 200  
Phone: (515) 281-7773 Fax: (515) 281-7279 E-mail: rceynara@oralsurgeonspc.com

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): Private practice

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: Precision, Productivity & Profitability of Implant  
Prosthetics in Private Practice

5. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: Oct 31, 2014

Hours of instruction: 8

7. Provide the name(s) and briefly state the qualifications of the speaker(s): \_\_\_\_\_

Dr Robert Vogel - see attached

8. Please attach a program brochure, course description, or other explanatory material.

9. Name of person completing application: Ronda Ceynar, CDA, RDA  
Title: Prof. Relations Coordinator Phone Number: (515) 274-0796  
Fax Number: 515) 274-1472 E-mail: rceynar@oralsurgeonpc.com  
Address: 3940 Ingersoll Ave. DM, Ia 50312  
Signature: Ronda Ceynar CDA Date: 3-24-14

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov). Continuing education guidelines and rules are also available on the Board's website. A course is generally acceptable and does not need to go through this formal approval process if it is directly related to clinical practice/oral health care.

Pursuant to Iowa Administrative Code 650—25.3(5), please submit the application for approval 90 days in advance of the commencement of the activity. The Board shall issue a final decision as to whether the activity is approved for credit and the number of hours allowed. The Board may be unable to issue a final decision in less than 90 days. Please keep this in mind as you submit courses for prior approval.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

**Iowa Dental Board  
Continuing Education Advisory Committee  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, Iowa 50309-4687**

Dr. Robert Vogel graduated from the Columbia University School of Dental and Oral Surgery in New York City, New York; upon graduation, he completed a combined residency program in Miami, Florida at Jackson Memorial Hospital, Mount Sinai Medical Center, and Miami Children's Hospital. He maintains a full-time private practice in implant prosthetics and reconstructive dentistry, located in Palm Beach Gardens, FL. He works closely as a team member with several specialists providing implant-based comprehensive treatment, as well as conducting clinical trials and providing clinical advice to the dental attachment and implant fields. Dr. Vogel has developed and collaborated on the development of several prosthetic components and techniques currently in use in implant dentistry. He lectures internationally on implant dentistry, focusing on simplification, confidence, and predictability of implant prosthetics through ideal treatment planning and team interaction. Dr. Vogel continues to publish scientific articles on implant dentistry, and is a Fellow of the International Team for Implantology (ITI).



# PRECISION, PRODUCTIVITY AND PROFITABILITY OF IMPLANT PROSTHETICS IN PRIVATE PRACTICE

~~Thursday, March 20, 2014~~ *Fri. Oct 31*



Sponsored Event

## Program description

This scientifically based, fast-moving presentation designed for private practice will cover state-of-the-art topics, tips, and tricks, and step-by-step techniques in implant prosthetics. A systematic approach to ideal esthetic treatment of the single tooth through fully edentulous cases will be presented, emphasizing long-term stability, predictability and profitability in private practice.

This program is designed for the entire implant team, stressing ideal interaction for simplification of even the most advanced Implant cases with reduced chairtime and increased predictability.

Topics in Fixed and Removable Implant Prosthetics will be addressed focusing on predictable treatment planning, provisionalization and soft tissue esthetics, occlusal schemes and simplified overdentures and implant retained partial dentures from start to finish, including foolproof fee determination and patient presentation techniques. Also included will be a complete overview of the newest technology to gain comfort and confidence in incorporating the benefits of CAD/CAM and zirconium restorative materials.



## Learning objectives

- Gain confidence and increase predictability with state-of-the-art implant techniques
- Update knowledge of current concepts and materials in implant dentistry
- Integrate advanced techniques into private practice with simplification
- Allow more patients to benefit from implant-based treatment through ideal fee determination and presentation techniques



Academy of General Dentistry Approved PACE Program Provider  
FAGD/MAGD Credit  
Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement  
6/1/2010 - 5/31/2014  
Provider ID 210002

**Speaker** Dr. Robert Vogel

**Subject Code** 690

**Date** ~~Thursday, March 20, 2014~~

**Type** Lecture

**Time** ~~8:00 pm - 6:30 pm~~ Registration  
~~6:30 pm - 9:00 pm~~ Program  
Dinner and Drinks will be included

**Tuition** Complimentary

**SAC** Straightforward

**CE credit** ~~2.5 hours~~ 7

**Location** Cafe Central  
109 N. Oregon St.  
El Paso, TX 79901  
915/ 545 2233

**RSVP** Please register by visiting  
<http://straumann.cvent.com/14032014>

**Audience** General Dentist, Perio, Prosth, OMS

Questions? Please contact Alex Fisher at  
alex.fisher@straumann.com or call 505/ 235 0385

COMMITTED TO  
**SIMPLY DOING MORE**  
FOR DENTAL PROFESSIONALS

## Program description



**Dr. Robert Vogel** graduated from the Columbia University School of Dental and Oral Surgery in New York City, New York; upon graduation, he completed a combined residency program in Miami, Florida at Jackson Memorial Hospital, Mount Sinai Medical Center, and Miami Children's Hospital. He maintains a full-time private practice in implant prosthetics and reconstructive dentistry, located in Palm Beach Gardens, FL. He works closely as a team member with several specialists providing implantbased comprehensive treatment, as well as conducting clinical trials and providing clinical advice to the dental attachment and implant fields. Dr. Vogel has developed and collaborated on the development of several prosthetic components and techniques currently in use in implant dentistry. He lectures internationally on implant dentistry, focusing on simplification, confidence, and predictability of implant prosthetics through ideal treatment planning and team interaction. Dr. Vogel continues to publish scientific articles on implant dentistry, and is a Fellow of the International Team for Implantology (ITI).

**Braness, Christel [IDB]**

---

**From:** Braness, Christel [IDB]  
**Sent:** Tuesday, September 23, 2014 4:55 PM  
**To:** 'rceynar@oralsurgeonspc.com'  
**Subject:** Application for CE Approval - "Precision, Productivity, Profitability of Implant  
Prosthetics in Private Practice"

**Importance:** High

The Continuing Education Advisory Committee has requested additional information about the portion of this course including a more specific breakdown of the course content and time spent on each section. In particular, the committee had concerns about the portion of the course, which focuses on profitability. Pursuant to Iowa Administrative Code 650—Chapter 25, course topics, which focus on issues related to practice management may not be eligible for continuing education credit in Iowa. The committee would like to see more information prior to making a determination about continuing education credit.

The Continuing Education Advisory Committee is scheduled to meet next Tuesday, September 30, 2014. If you are able to get the additional materials to me by Friday morning, September 26, 2014, I can see that they are included for review at this meeting.

Let me know if you have any other questions. Thank you.

*Christel Braness, Program Planner*

*Iowa Dental Board*

400 SW 8th St., Suite D

Des Moines, IA 50309

Phone: 515-242-6369; Fax: 515-281-7969; [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov)

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**Braness, Christel [IDB]**

---

**From:** Ronda Ceynar <rceynar@oralsurgeonspc.com>  
**Sent:** Wednesday, September 24, 2014 11:08 AM  
**To:** Braness, Christel [IDB]  
**Subject:** RE: Application for CE Approval - "Precision, Productivity, Profitability of Implant Prosthetics in Private Practice"  
**Attachments:** VogelPromoMulti.doc

**Here's another document he sent me that might help. He is out of town right now and that's all he could provide til he gets back.**

---

**From:** Braness, Christel [IDB] [mailto:Christel.Braness@iowa.gov]  
**Sent:** Tuesday, September 23, 2014 4:55 PM  
**To:** Ronda Ceynar  
**Subject:** Application for CE Approval - "Precision, Productivity, Profitability of Implant Prosthetics in Private Practice"  
**Importance:** High

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*Christel Braness, Program Planner*

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400 SW 8th St., Suite D  
Des Moines, IA 50309  
Phone: 515-242-6369; Fax: 515-281-7969; [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov)

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Robert C. Vogel, DDS

**State of the Art Topics and Techniques in Implant Prosthetics**  
**For Private Practice**

This scientifically based fast moving presentation designed for private practice will cover state of the art Topics, Tips and step-by-step Techniques in Implant Prosthetics. A systematic approach to ideal Esthetic treatment of single teeth through fully edentulous patients will be presented emphasizing long-term stability, predictability and profitability.

This program is designed for the entire implant team stressing ideal interaction for simplification of even the most advanced Implant cases with reduced chairtime and increased predictability.

**Topics in Fixed and Removable Implant Prosthetics** will be addressed focusing on: Predictable Treatment Planning, material selection, Provisionalization and soft tissue, Occlusion, Simplified Overdentures and Implant Retained Partial Dentures including foolproof Fee Determination and Patient Presentation. Also included is an in-depth discussion of the **Newest Components & Technologies** to gain confidence with ideal abutment and restorative material selection and incorporating the benefits of CAD CAM and zirconium restorative materials.

\*Confidence, Predictability with State of the Art Implant Materials & Techniques.

\*Improve Practice Productivity and Reduce Complications.

\*Integrate Advanced Techniques into Private Practice with Simplification.

\*Allow more patients to benefit from implant-based treatment through ideal fee determination and presentation techniques

**RECEIVED**

**APPLICATION FOR PRIOR APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM** MAY 15 2014

IOWA DENTAL BOARD

**IOWA DENTAL BOARD**  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
515-281-5157  
www.dentalboard.iowa.gov

**Note:** A fee of \$10 *per course* is required to process your request. PLEASE TYPE OR PRINT.

1. Name of organization or person requesting approval: Oral Surgeons PC Implant Institute  
Address: 7400 Fleur Dr. Suite 200  
Phone: 287-7773 Fax: 287-7279 E-mail: rcynar@oralsurgeonspc.com

2. Type of organization (attach bylaws if applicable):

- Constituent or component society
- Dental School
- Dental Hygiene School
- Dental Assisting School
- Military
- Other (please specify): Private Practice

3. Which of the following educational methods will be used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

4. Course Title: Precision, Productivity & Profitability of Implant  
5. Course Subject: Prosthetics in Private Practice

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

6. Course date: Dec. 12, 2014

Hours of instruction: 8

RECEIVED

APR 17 2014

APPLICATION FOR POST APPROVAL OF  
CONTINUING EDUCATION COURSE OR PROGRAM

IOWA DENTAL BOARD

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687  
Phone (515) 281-5157  
www.dentalboard.iowa.gov

NOTE: A fee of \$10 per course is required to process your request. PLEASE TYPE OR PRINT.

1. Course Title: Dental Sleep Medicine

2. Course Subject:

- Related to clinical practice
- Patient record keeping
- Risk Management
- Communication
- OSHA regulations/Infection Control
- Other: \_\_\_\_\_

3. Course date: 4/11/14 Hours of instruction: 3 HRS

4. Provide a detailed breakdown of contact hours for the course or program:

Registration 8:00-8:30A, 2 speakers from 8:30A-11:30A

\_\_\_\_\_

\_\_\_\_\_

5. Name of course sponsor: SE IA District Dental Society

Address: LUCAS LEMBUE  
P.O. Box 3106  
Hills, IA 52235

\_\_\_\_\_

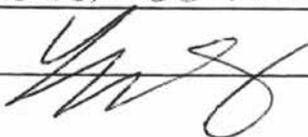
6. Which of the following educational methods were used in the program? Please check all applicable.

- Lectures
- Home study (e.g. self assessment, reading, educational TV)
- Participation
- Discussion
- Demonstration

#1096  
\$10

7. Provide the name(s) and briefly state the qualifications of the speaker(s): \_\_\_\_\_  
 Rachel Fergel, RRT, RPSGT is a Territory Manager for Res-Meck. 15 yrs experience as registered respiratory therapist & polyomnographic technician  
 Deborah Cursun-Vieira is Marketing Director at Dental Prosthetic Services. Regular contributor to Inside Dental Technology Magazine & educator on USA. Active participant in American Academy of Dental Sleep Medicine

8. Please attach a program brochure, course description, or other explanatory material.

9. Name of person completing application: LUCAS LEMBURG  
 Title: President, SE IA District Phone Number: 319-728-7404  
 Fax Number: 319-728-7400 E-mail: llemburg@chelsea.com  
 Address: P.O. Box 3060 Hills, IA 52235  
 Signature:  Date: 4/14/14

Board rules specify that the following subjects are NOT acceptable for continuing education credit: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

If the course was offered by a Board approved sponsor, you should contact the sponsor directly for approval information, rather than submitting this form. A list of approved sponsors and contact information is available on the Board website at [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov). Continuing education guidelines and rules are also available on the Board's website. A course is generally acceptable and does not need to go through this formal approval process if it is directly related to clinical practice/oral health care.

Pursuant to Iowa Administrative Code 650—25.3(6), within 90 days after the receipt of application, the Board shall issue a final decision as to whether the activity is approved for credit and the number of hours allowed.

MAIL COMPLETED APPLICATION ALONG WITH THE REQUIRED **\$10 FEE PER COURSE** TO:

**Iowa Dental Board  
 Continuing Education Advisory Committee  
 400 S.W. 8<sup>th</sup> Street, Suite D  
 Des Moines, Iowa 50309-4687**

**SAVE THE DATE**

**OCTOBER 3, 2014**



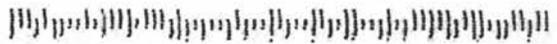
**HOPE TO SEE YOU ON  
APRIL 11<sup>TH</sup> FOR THE YEAR'S  
SPRING CONTINUING  
EDUCATION MEETING!**

Marty Gleason, D.M.D  
51 West Adams Avenue  
Fairfield, Iowa 52556



Dr Lucas A Lemburg  
PO Box 366  
Hills, IA 52235-0366

52235\$0366 B004



**SPRING  
MEETING  
APRIL 11  
2014**

**BEST WESTERN  
FAIRFIELD, IA  
SOUTHEAST IOWA DISTRICT DENTAL SOCIETY**

**HALF DAY CONTINUING  
EDUCATION | 3 CEUS**

**RACHEL FERGEL, RRT, RPSGT  
DEBORAH CURSON-VIEIRA**



**Braness, Christel [IDB]**

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**From:** Lucas Lemburg <llemburg@chcseia.com>  
**Sent:** Wednesday, September 24, 2014 3:20 PM  
**To:** Braness, Christel [IDB]  
**Subject:** FW: Application for CE Approval - "Dental Sleep Medicine"

**Importance:** High

Hello!

Here is what I got back from the speaker. Let me know if this is sufficient or if you need further information. Thanks!

Lucas Lemburg, DDS  
Dental Director

Community Health Centers of Southeastern Iowa, Inc.  
Louisa County Clinic (CHC SE/IA, LCC)  
2409 Spring Street  
Columbus City, IA 52737  
Phone 319-728-7400 Fax 319-728-7404

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**From:** Deborah Curson-Vieira [mailto:dcurson-vieira@dpsdental.com]  
**Sent:** Wednesday, September 24, 2014 3:00 PM  
**To:** Lucas Lemburg  
**Cc:** 'Nathan Heubner'  
**Subject:** RE: Application for CE Approval - "Dental Sleep Medicine"

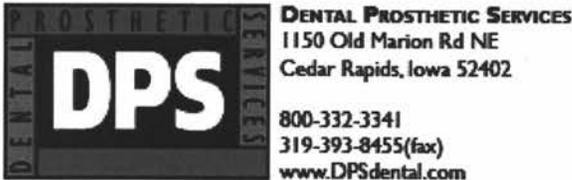
Good afternoon, Dr. Lemburg –

Here are more of the speaking points from that lecture. Please let me know if you need further information.

1. Understand the sleep disordered breathing continuum and co-morbidities associated with the condition
  - a. Sleep disordered breathing continuum – sleep>non-sleepy snorer>sleepy snorer>upper airway resistance>obstructive sleep apnea/central sleep apnea
  - b. How sleep disordered breathing (SDB) is diagnosed
    - i. PSG
  - c. Understanding the diagnosis
    - i. Central Sleep Apnea/Cheyne Stokes Syndrome
    - ii. Obstructive Sleep Apnea
      1. AHI and the scale from mild to severe
  - d. Co-morbidities of SDB
    - i. Link between OSA and Diabetes, Congestive Heart Failure, Stroke
2. Discuss Dentistry's Role in the Management of Sleep Disordered Breathing and Obstructive Sleep Apnea
  - a. Review of the AADSM and AASM Practice Parameters for Oral Appliance Therapy
    - i. First line of treatment for Mild to Moderate Sleep Apnea only
    - ii. Dentists may not diagnose, Medical Doctors cannot place oral appliances
  - b. Screening tools available to the dental office and how to use each tool
    - i. Health history forms
    - ii. Epworth Sleepiness Scale
    - iii. Mallampati Classification
    - iv. Home Sleep Testing – screening only
    - v. Neck circumference
    - vi. Examination of the oral cavity and soft tissue
  - c. Patient selection

- i. Contraindications for oral appliance therapy
- d. Creating a referral network and working with sleep physicians and sleep labs
  - i. Protocol for screening and referring patients to sleep physicians for diagnosis
  - ii. Review of the information that should be provided to the sleep physicians
  - iii. Receiving the Rx back for oral appliance therapy
- e. Appliance Selection
  - i. Review of appliance material and function
  - ii. Patient physiology
- f. Appliance Seating and Follow up
  - i. Appliance titration
  - ii. Follow up sleep study for titration verification
  - iii. Re-establishing the patient bite

Regards,  
Deborah Curson-Vieira  
Marketing Director  
[dcurson-vieira@dpsdental.com](mailto:dcurson-vieira@dpsdental.com)



*This e-mail message and any documents attached to it are confidential and may contain information that is protected from disclosure by various federal and state laws, including the HIPAA privacy rule (45 C.F.R., Part 164). This information is intended to be used solely by the entity or individual to whom this message is addressed. If you are not the intended recipient, be advised that any use, dissemination, forwarding, printing, or copying of this message without the sender's written permission is strictly prohibited and may be unlawful. Accordingly, if you have received this message in error, please notify the sender immediately by return e-mail or call 800-332-3341, and then delete this message.*

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**From:** Lucas Lemburg [<mailto:llemburg@chcseia.com>]  
**Sent:** Wednesday, September 24, 2014 8:56 AM  
**To:** Deborah Curson-Vieira  
**Cc:** 'Nathan Heubner'  
**Subject:** FW: Application for CE Approval - "Dental Sleep Medicine"  
**Importance:** High

Deborah,  
Do you have more information that covered the course detailing the speaking topics? I will email them back with talking about how it would help w/ identifying possible candidates for referral for sleep disorders and that the devices are delivered in dental settings. Thanks!

Lucas Lemburg, DDS  
Dental Director

Community Health Centers of Southeastern Iowa, Inc.  
Louisa County Clinic (CHC SE/IA, LCC)  
2409 Spring Street  
Columbus City, IA 52737  
Phone 319-728-7400 Fax 319-728-7404

---

**From:** Braness, Christel [IDB] [<mailto:Christel.Braness@iowa.gov>]  
**Sent:** Tuesday, September 23, 2014 4:58 PM  
**To:** [llemburg@chcseia.com](mailto:llemburg@chcseia.com)

**Braness, Christel [IDB]**

---

**From:** Braness, Christel [IDB]  
**Sent:** Tuesday, September 23, 2014 4:58 PM  
**To:** 'llemburg@chcseia.com'  
**Cc:** Davidson, Angela [IDB]  
**Subject:** Application for CE Approval - "Dental Sleep Medicine"

**Importance:** High

The Continuing Education Advisory Committee has requested additional information regarding the course, which you submitted for review. Since dentists cannot diagnose sleep disorders, the committee would like more information detailing what information is covered during the course, and how that information applies to the practice of dentistry. The committee would like to see the additional information prior to making a determination about continuing education credit.

The Continuing Education Advisory Committee is scheduled to meet next Tuesday, September 30, 2014. If you are able to get the additional materials to me by Friday morning, September 26, 2014, I can see that they are included for review at this meeting.

Let me know if you have any other questions. Thank you.

*Christel Braness, Program Planner*

*Iowa Dental Board*

400 SW 8th St., Suite D

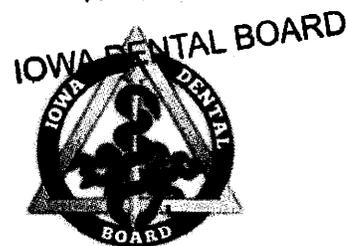
Des Moines, IA 50309

Phone: 515-242-6369; Fax: 515-281-7969; [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov)

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AUG 08 2014



# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION

## IOWA DENTAL BOARD

400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687

Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>

Include the *non-refundable* fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <b>AMERICAN DENTAL INSTITUTE</b>		
Contact Person: <b>SHARON PETERSON</b>		
City: <b>400 MANLEY ST WEST BRIDGEWATER</b>	State: <b>MA</b>	Zip: <b>02351</b>
Phone: <b>508-638-7065</b>	Fax: <b>508-894-0179</b>	
Email: <b>speterson@westernschools.com</b>	Website Address: <b>www.adinet.org</b>	

Name of Current Officer(s), Title(s), Address, Phone:

**DEBRA LEFKOWITZ, ADI MANAGER, SAME AS ABOVE, 508-638-7064**

**PETER TULP, CFO, SAME AS ABOVE, 508-638-7065**

Number of courses offered in 2013: 128

Number of courses offered 2014\*: 120

\*To date

Average number of attendees: 337 (2013)

### Education Methods:

- Demonstration
- Discussion
- Lecture
- Participation
- Self-study (e.g. reading, online courses, etc.)
- Other: \_\_\_\_\_

### Course Subject Matter: (check all that apply)

- Clinical Practice
- Risk Management
- OSHA Regulations/Infection Control
- Patient Record Keeping
- Communication
- Other: \_\_\_\_\_

#15250  
\$100.



**American Dental Institute**  
**Continuing Education Provider Course List**  
**Courses Offered August 2012 through July 2014**

**Name of Provider Organization:** American Dental Institute  
**Address of Provider Organization:** 400 Manley Street, West Bridgewater, MA 02379  
**Name of Contact Person:** Sharon Peterson  
**Date Offered:** All courses are offered as on-going home study

ADI Item #	Course Title	CE Hours	Course Author
9079	A Modern Paradigm for Caries Management	2	Steven Steinberg, DDS
9010	A Retrospective Evaluation of 36 Patients with Lichen Planus	1	Ronald S. Brown, DDS, MS, Janine Carrington, DDS
9032	A Review of Fluoride Varnish Efficacy and use in Dental Practice	2	Harold S. Goodman, DDS, MPH
9146	Aesthetic Indirect Inlays and Onlays	3	J. Robert Kelly, DDS, MS, DMedSc
9014	Allergic Reactions To Metals in the Mouth	1	Anthony von Fraunhofer, DDS; Patricia W. Kihn, DDS
9023	Antibiotic Update: Treatment of Oral-Facial Infections of Odontogenic Origin	2	Richard L. Wynn, PhD; Timothy F. Meiller, DDS, PhD; Stewart A. Bergman, DDS, MS
9065	Antidepressant Drugs and Dental Considerations	1	Richard Wynn, PhD
9040	Bondable, Fiber-reinforced Resin Posts	1	Howard E. Strassler, DMD, FADM, FAGD
9045	Bonding Systems for Dentin in Adhesive Dentistry	2	Patricia W. Kihn, DDS, MS
9026	Bone Grafting and Regeneration in Intra-bony Defects	2	Sue Hauwiller, DMD, MS
9024	Burning Mouth Syndrome	1	Ronald Mancini, DDS
9134	Caries Management by Risk Assessment: CAMBRA in Dental Practice	3	Elena Francisco, RDH & Amy Nieves, RDH
9133	CDC Infection Control Guidelines and the Practice of Dental Hygiene	3	Marie T. Fluent, DDS
9071	Chemical Dependency & Substance Abuse: A Review for the Dental Professional	3	Ronald M. Mancini, DDS
9042	Chemical Dependency & Substance Abuse-Part 1: THC, Stimulants and Sedatives	2	Ronald M. Mancini, DDS
9043	Chemical Dependency & Substance Abuse-Part 2: Hallucinogens, Opiates and Inhalants	1	Ronald M. Mancini, DDS
9087	Chemical Dependency: Current Concepts and Research for Dental Health Care Providers	3	Christine Wisnom, RN, BSN
9096	Clinical Evaluation of a Fluoride Varnish for Cervical Dentin Hypersensitivity	2	Chong Y. Shin, BDS, DDS, MS; Douglas M. Barnes, DDS, MS; Bryan Fitzgerald, DDS and Elaine Romberg, PhD
9020	Comparative Microleakage Behavior of Restorative Dental Material	2	J.A. von Fraunhofer, PhD, FASM, FRSC; S.M. Sayed, DDS, MS
9149	Contemporary Management of Traumatic Dental Injuries	3	Zameera Fida, DMD
9074	Dental Alveolar Surgery for the General Dentist	4	Michael E. Barkin, DDS
9054	Dental Erosion and Preventive Practices for the Dental Professional	2	Marion Manski, RDH, MS; J.A. Von Fraunhofer, MSc, PhD
9140	Dental Implants - Complications & Peri-Implant Diseases	2	John F. Kross, MSc, DMD
9022	Dental Implications of Two Primary Herpes Viruses: Epstein-Barr (EBV) and Varicella Zoster Virus (VZV)	1	Christine Wisnom, RN, BSN
9139	Dental Management for Pediatric Patients with Complex Needs	3	Paul Subar, DDS, EdD
9005	Dental Management of the Latex Sensitive Patient	1	Louis G. Depaola, DDS, MS; Christine Wisnom, RN, BSN

9160	Dental Radiation Health: Safety and Protection in the Digital Age	3	Laura Jansen Howerton, RDH, MS; Gail F. Williamson, RDH, MS
9164	Dental Radiation Health: Safety and Protection in the Digital Age - 2 Hrs.	2	Laura Jansen Howerton, RDH, MS; Gail F. Williamson, RDH, MS
9085	Dental Radiography: Understanding Radiation Exposure and Safety	2	Sharon Crowe, BS, MS
9148	Dental Unit Waterline Contamination: Causes, Concerns and Control	1	Nuala B. Porteous, BDS, MPH
9056	Dentin Hypersensitivity: Causes and Cures	2	Douglas M. Barnes, DDS, MS; Chong Yun Shin, DDS, MS; J. A. von Fraunhofer. MSc, PhD
9059	Denture Cleansing: An Essential Part of Patient Care	2	J.A. Von Fraunhofer, MSc, PhD
9055	Designing Your Office: Recommendations and Regulations	2	Chris Wisnom, BSN, RN
9052	Early Childhood Caries	2	Marion C. Manski, RDH, MS
9017	Early Detection and Prevention of Oral Cancer: The Role of the Oral Health Care Provider	1	A. Ross Kerr DDS, MSD
9012	Early Loss of Second Primary Molars	1	Carlos Nurko, DDS, MS
9097	Early Screening and Diagnostic Sampling Techniques for Oral Mucosal Lesions	2	Kevin Huff, DDS
9080	Edentulous Ridge Expansion For Dental Implant Replacement	2	Dennis Flanagan, DDS, MAGD, DABGD, DIBOI/ID, DICOI, FAAID
9008	Effect of Bonding Agents on the Corrosion of Dental Amalgam	1	J. A. von Fraunhofer, MSc, PhD, FRSC; S. C. Siegel, DDS, MS
9002	Endodontic Preparation and Filling Procedures	04	Marwan Abou-Rass, DDS, MDS, PhD,
9100	Ergonomic Postural Triad (EPT) Reducing Pain in Oral Health Care Providers	2	Shirley Gutkowski, RDH, BSDH
9116	Erosion-Related Tooth Wear - Pathogenic Processes, Diagnosis, and Restorative Treatment	3	John Kross, DMD
9147	Family Violence: Implications for Dental Patients and Practice	2	Lynn Douglas Mouden, DDS, MPH, FICD, FACD
9095	Faster Dental Cutting	2	J. A. von Fraunhofer, MSc, PhD, FRSC
9031	Flowable Composite Resins: A Unique Class of Restorative Materials	1	Howard E. Strassler, DMD, FADM, FAGD
9069	Fluoride Dentifrices in Preventative Oral Hygiene	2	Sean M. Wetterer, PhD
9099	Folic Acid Deficiency & the Incidence of Recurrent Aphthous Stomatitis	3	Sharon Crowe, BS, MS
9162	Geriatric Dentistry: Providing Care for an Aging Population	2	Pamela Stein, DMD, MPH
9068	Guide to Management of Developing Malocclusions in Children in Mixed Dentition	2	William M. Davidson, DMD, PhD
9029	Herbal Remedies: Information for the Dental Professional	2	Richard Wynn, PhD
9046	HIV / AIDS: 20 Years Later	2	Christine Wisnom, RN, BSN
9062	HIV Disease / AIDS: Overview for Dental Health Care Workers	2	Christine Wisnom, RN, BSN
9088	Identifying and Protecting the Victims of Domestic Violence: Guidelines for Florida Dental Health Care Workers	2	Christine Wisnom, RN, BSN
9117	Improving Oral Healthcare for Patients with Special Needs	3	John Kross, DMD
9131	Incorporating Magnification Into Your Dental Practice	2	Glenn A. van As, DMD
9060	Infection Control	2	Christine Wisnom, RN, BSN
9156	Infection Control and Prevention in the Dental Office	4	Dr. DePaola, DDS, MS
9127	Infection Control, Cross Contamination, and Instrument Sterilization Techniques	3	John Kross, DMD
9077	Infection Control: A Review and Update	2	Eric Levine, DDS
9144	Introduction to Forensic Dentistry	1	Ellen Dietz-Bourguignon, CDA, AAS, BS
9135	Lasers in Dentistry: From Fundamentals to Clinical Procedures	2	Donald J. Coluzzi, DDS
9004	Latex Allergies Guidelines for Dental Health Care Workers	1	Christine Wisnom, RN, BSN; Louis G. Depaola, DDS, MS
9053	Maintaining Dental Implants	2	Gregori M. Kurtzman, DDS, MAGD, DICOI; Lee H. Silverstein, DDS, MS
9050	Management of Head and Neck Infections	1	Stewart A. Bergman, DDS, MS
9058	Management of Medical Emergencies	2	Stewart A. Bergman, DDS, MS

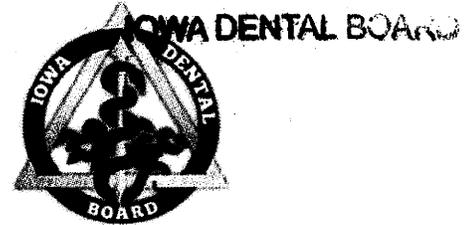
9090	Management of Medical Emergencies: An Update	3	Stewart A. Bergman, DDS, MS
9070	Managing Dry Mouth	2	Gregori M. Kurtzman, DDS, MAGD, FACD; Howard E. Strassler, DMD, FADM, FAGD
9083	Mastering Esthetics in the Smile Zone	2	Lee H. Silverstein, DDS, MS, FACD, FICD; Gregori M. Kurtzman, DDS, MAGD, FACD; David Kurtzman, DDS, FAGD; Peter C. Shatz, DDS
9098	Medical, Medicinal, and Herbal Considerations in the Control of Pain Management	3	Sharon Crowe, BS, MS
9119	Medication-Related Damage to Oral Hard and Soft Tissues	3	John Kross, DMD
9041	Mineral Trioxide Aggregate: A Biologic Basis for its Use, Clinical Indications and Case Reports	1	Dennis M. Tucker, DDS
9138	Mini Dental Implants: Indications, Planning & Placement	2	Gregory Sawyer, DDS
9089	Minimally Invasive Dentistry	2	Keith Hollander, DDS
9086	MRSA Detection and Prevention	2	Christine Wisnom, RN, BSN
9034	Nickel Allergenicity and Biological Tolerance to Nickel	2	J. A. von Fraunhofer, MSc, PhD, FRSC and Stewart Bergman, DDS
9073	Nitrous Oxide	2	Stewart A. Bergman, DDS, MS.
9106	Nitrous Oxide Analgesia	2	Stewart A. Bergman, DDS, MS
9035	Nutrition for the Dental Patient	3	Ronald M. Mancini, DDS
9128	Oral Cancer Update - Prevention, Diagnosis & Management	3	Andres Pinto, DMD, MPH
9030	Oral Care Products for Periodontal Problems	1	Ronald Mancini, DDS
9141	Oral Health Care During Pregnancy: Clinical Guidelines and Management	2	John Kross, DMD
9143	Oral Health Issues for the Female Patient	2	John F. Kross, MSc, DMD
9007	Oral Manifestations of HIV Disease: Diagnosis and Management	2	Joseph L. Konzelman, Jr, DDS; Wayne W. Herman, DDS, MS
9063	Oral Sedation for Dental Patients: The Clinical Use of Zolpidem (Ambien®), Zalepon (Sonata®), and Eszopiclone (Lunesta®)	2	Stewart A. Bergman, DDS, MS
9015	Osteoporosis and Periodontal Disease in Postmenopausal Women	2	Sue Hauwiller, DMD, MS
9142	Osteoporosis: Implications for the Oral Healthcare Provider	2	John Kross, DMD
9025	Overview of Pathogens Identified as Potential Biological Terrorism Agents CDC	1	Christine Wisnom, RN, BSN
9104	Panoramic Troubleshooting for Doctor and Staff	3	Robert P. Langlais, DDS; Stanley J. Nelson, DDS
9137	Pediatric Abusive Head Trauma: Guidance for Dental Professionals	2	Anita Carroll, RN, MSN, EdD
9158	Prescription Drug Abuse Among Dental Patients	3	Marnie Oakley, DMD; Jean O'Donnell, DMD, MSN; Michael A. Zemaitis, PhD
9159	Prescription Drug Abuse Among Dental Patients - 2 Hour Version	2	Marnie Oakley, DMD; Jean O'Donnell, DMD, MSN; Michael A. Zemaitis, PhD
9047	Preventing Pit and Fissure Caries with Sealants	2	Howard E. Strassler, DMD, FADM, FAGD; Judith Porter, DDS, EdD
9123	Probiotics and the Oral Cavity	2	J. Anthony von Fraunhofer, MSc, PhD, FRSC
9075	Protecting Your Assets: A Daily Care Regimen for Your Hands	2	Sharon Crowe, BS, MS
9003	Pulp Therapy in the Primary Dentition	1	Anne C. O Connell B.Dent.Sc., MS; Preston G. Shelton DDS, MS
9129	Putting Dental Pain to Rest: Review of Anesthetic Techniques	3	Marilee Sears, RDH
9132	Quality Radiographs: A Review of Traditional Film Processing	2	Sharon Crowe, RDH, BSDH, MS
9066	Radiation Health, Safety and Protection	2	Linda Otis, DDS, MS
9028	Radiation: A Review of Physics, Biology and Safety Issues for Dental Professionals	2	Ronald Mancini, DDS
9037	Radiation: A Review of Radiographic and Processing Techniques for Dental X-Rays	2	Ronald M. Mancini, DDS

9011	Recent Studies in Dental Cutting	2	J. A. von Fraunhofer, MSc, PhD, FRSC
9067	Recognition and Referral for Domestic Violence: The Responsibility of the Dental Team	2	Christine Wisnom, RN, BSN
9076	Recurrent Aphthous Ulcerations: General Characteristics, Epidemiology, Etiology, Differential Diagnosis, and Therapy	2	Frances E. Sam, DDS; Aamir Sheikh, DDS; Errol Reid, DDS; Ronald S. Brown, DDS, MS
9018	Reduction of Bioaerosol in the Dental Office	1	Louis G. DePaola, DDS, MS
9039	Repairing Porcelain-Metal Restorations	1	Howard E. Strassler, DMD, FADM, FAGD
9021	Restorative Dental Cements	1	Howard E. Strassler, DMD, FADM, FAGD
9001	Selected Topics in Oral Oncology	4	Sol Silverman, Jr., MA, DDS
9072	Simplifying Endodontics for Greater Predictability and Ease of Treatment	2	Gregori M. Kurtzman, DDS, MAGD, FACD
9084	Sleep Breathing Disorders: A 21st Century Epidemic?	2	B. Kent Smith, DDS
9038	Smoking, Tobacco and Cancer	2	Ronald M. Mancini, DDS
9101	Soft Tissue Management of Periodontal Patients	2	Sharon Crowe, RDH, BSDH, MS & William Davidson, DMD, PhD
9057	Substance Abuse & Addiction: A Disease with No Barriers	3	Christine Wisnom, RN, BSN
9081	Surgical Soft Tissue Management	2	Lee H. Silverstein, DDS, MS; Gregori M. Kurtzman, DDS, MAGD; Peter C. Shatz, DDS
9120	Temporomandibular Disorders: Surgical Concepts in Diagnosis & Treatment	3	John Kross, DMD
9049	The Benefit and the Necessity of Sleep	2	Judith A. Porter, DDS, MA, EdD
9082	The Care of Removable Prosthetic Devices	2	Sean M. Wetterer, PhD
9051	The Characteristics and Effectiveness of OTC Pain Relievers	1	Richard Wynn, PhD
9061	The Contamination of Protective Mouth-Guards	2	R. Thomas Glass, DDS, PhD; James W. Bullard, BA, MS, SI ASCP; Robert S. Conrad, PhD
9036	The Controversy Over Amalgam	1	Christine Wisnom, RN, BSN
9118	The Impact of Vascular and Cardiovascular Diseases on Oral Health	3	John Kross, DMD
9064	The Role of Fluoride for Adult Dental Patients	1	Eric D. Levine, DDS; Rebecca Dix, RDH
9048	The Short Dental Arch: Should it be lengthened?	2	Debora Armellini, DDS, MS; J. Anthony von Fraunhofer, MSc, PhD
9027	The Use of Fluoride in Modern Dental Practice: History, Mechanism, Efficacy and Safety	2	Harold S. Goodman, DDS, MPH and Louis G. DePaola, DDS, MS
9078	Third Molar Surgery	2	Len Tolstunov, DDS
9154	Tobacco Cessation: The Dental Health Professional's Role	3	Kathleen Vendrell Rankin, DDS
9006	Treatment of Dental Fear	4	Paul Glassman, DDS and Alan Rappoport, PhD
9124	Update of Concepts in Vital Tooth Whitening	3	John F. Kross, MSc, DMD
9125	Vitamins & the Oral Cavity	3	J. Anthony von Fraunhofer, MSc, PhD, FRSC
9130	Working with Fearful and Anxious Dental Patients	3	L. Anne Hirschel, DDS

RECEIVED

AUG 04 2014

# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION



## IOWA DENTAL BOARD

400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>

Include the *non-refundable* fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <u>CPR and the Works</u>		
Contact Person: <u>Anita Siddall</u>		
City: <u>Cedar Rapids</u>	State: <u>IA</u>	Zip: <u>52402</u>
Phone: <u>(319) 310-6335</u>	Fax:	
Email: <u>anita3marie@gmail.com</u>	Website Address:	

### Name of Current Officer(s), Title(s), Address, Phone:

Anita Siddall RDH 866 Oakland Rd NE Cedar Rapids IA 52402  
(319) 310-6335

Number of courses offered in 2013: ~~16~~ 14

Number of courses offered 2014\*: 8

\*To date

Average number of attendees: 6

### Education Methods:

- Demonstration
- Discussion
- Lecture
- Participation
- Self-study (e.g. reading, online courses, etc.)
- Other: \_\_\_\_\_

### Course Subject Matter: (check all that apply)

- Clinical Practice
- Risk Management
- OSHA Regulations/Infection Control
- Patient Record Keeping
- Communication
- Other: \_\_\_\_\_

Anita Siddall  
2300  
\$100

Name of Sponsor: \_\_\_\_\_

List all education programs or courses conducted during the preceding 24-month compliance period. If additional space is needed, please attach a separate listing.

Date:	Course Title:	Instructor:	Location:	CE Hours:
9/5/12	Emergency Readiness for Dental Team	Anita Siddall	Integrated Periodontics	3
9/7/12	Emergency Readiness for Dental Team	Anita Siddall	Mount Vernon Family Dental	3
9/9/12	" " "	" "	Cedar Rapids Pediatric Dentistry	3
1/20/13	" " " "	" "	Dr Greif DDS office	3
1/31/13	" " "	" "	Dr Novak DDS office	3
2/18/13	" " "	" "	Dr Tyler DDS office	3
2/22/13	" " "	" "	Boyson Dental	3
4/12/13	" " "	" "	Downtown Dental	3
4/10/13	" " "	" "	Apple White Dental	3
4/19/13	" " "	" "	Medin Family Dental	3

Sponsors must be formally organized and adhere to board rules for planning and providing continuing education. When courses are promoted as approved continuing education courses that do not meet the requirements as defined by the board, the sponsor will be required to refund the registration fee to participants. Sponsors may offer non-credit courses provided participants are informed that no credit will be given. Failure to meet this requirement may result in loss of approved sponsor status. Subjects, which are NOT acceptable for continuing education credit include, but are not limited to: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

**I understand and agree to follow the board rules for planning and providing continuing education.**

Name of person completing this application: Anita Siddall  
 Address: 866 Oakland Rd NE Cedar Rapids IA 52402 Phone: (319) 310-6335  
 Signature: Anita Siddall Date: 7/30/14

**Please note: The biennial renewal fee of \$100 must accompany this recertification application.**

**IOWA DENTAL BOARD**  
 400 S.W. 8<sup>th</sup> Street, Suite D  
 Des Moines, IA 50309-4687

Name of Sponsor: CPR and the Works

List all education programs or courses conducted during the preceding 24-month compliance period. If additional space is needed, please attach a separate listing.

Date:	Course Title:	Instructor:	Location:	CE Hours:
4/24/13	Emergency Readiness for Dental Team	Anita Siddall	office of Dr. Len Shaw DDS	3
6/6/13	" " " "	" "	office of Integrated Periodontics	3
7/23/13	" " " " "	" "	office of Christy Lee DDS	3
9/25/13	" " " "	" "	Hawkeye Dental	3
10/15/13	" " " "	" "	Blair Ridge Dental	3
10/22/13	" " " "	" "	" "	3
11/6/13	" " " "	" "	office of Dr. Doug MacDougal	3
1/17/14	" " " "	" "	office of Gordon Peterson DDS	3
1/25/14	" " " "	" "	TJB Dental	3
3/5/14	" " " "	" "	Dr. Tracy Kittel	3

Sponsors must be formally organized and adhere to board rules for planning and providing continuing education. When courses are promoted as approved continuing education courses that do not meet the requirements as defined by the board, the sponsor will be required to refund the registration fee to participants. Sponsors may offer non-credit courses provided participants are informed that no credit will be given. Failure to meet this requirement may result in loss of approved sponsor status. Subjects, which are NOT acceptable for continuing education credit include, but are not limited to: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

**I understand and agree to follow the board rules for planning and providing continuing education.**

Name of person completing this application: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Please note: The biennial renewal fee of \$100 must accompany this recertification application.**

**IOWA DENTAL BOARD**  
 400 S.W. 8<sup>th</sup> Street, Suite D  
 Des Moines, IA 50309-4687

Continued list of educational programs				Sponsor: Anita Siddall	CPR and 4th Works
Date	Course	Instructor	Location		CE Hours
3/19/14	Emergency Readiness for the Dental Team	Anita Siddall	Dr Kevin Witt DDS		3
2/26/14	" "	" "	Dr Thomas Grimes DDS		3
3/28/14	" "	" "	Mount Vernon Family Dentistry		3
5/9/14	Emergency Readiness "	" "	Cedar Rapids Endodontics		3
6/6/14	" "	" "	Dr Olin DDS		3

# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION

## IOWA DENTAL BOARD

400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>



Include the **non-refundable** fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <b>Delta Dental of Iowa</b>		
Contact Person: <b>Melissa Tangen</b>		
City: <b>Johnston</b>	State: <b>IA</b>	Zip: <b>50131</b>
Phone: <b>515-261-5633</b>	Fax: <b>515-261-5608</b>	
Email: <b>mtangen@deltadentalia.com</b>	Website Address: <b>www.deltadentalia.com</b>	

### Name of Current Officer(s), Title(s), Address, Phone:

**Jeff Russell CEO 9000 Northpark Dr. Johnston, IA 515-261-5522**  
**Cheryl Noebels COO 9000 Northpark Dr. Johnston, IA 515-261-5595**

Number of courses offered in 2013: 2

Number of courses offered 2014\*: 2  
\*To date

Average number of attendees: 50

### Education Methods:

- Demonstration
- Discussion
- Lecture
- Participation
- Self-study (e.g. reading, online courses, etc.)
- Other: \_\_\_\_\_

### Course Subject Matter: (check all that apply)

- Clinical Practice
- Risk Management
- OSHA Regulations/Infection Control
- Patient Record Keeping
- Communication
- Other: \_\_\_\_\_

# 54598  
\$100

Name of Sponsor: Delta Dental of Iowa Foundation

List all education programs or courses conducted during the preceding 24-month compliance period. If additional space is needed, please attach a separate listing.

Date:	Course Title:	Instructor:	Location:	CE Hours:
5/3/13	The Christensen Bottom Line- 2013	Dr. Gordon Christensen	IDA Annual Mtg. Coralville	<del>2.5</del> 2.1.5, 1
5/3/13	Current concepts of Minimally Invasive Caries Management	Dr. Sandra Guzman-Armstrong	IDA Annual Mtg. Coralville	1.5
5/6/14	Evidence Based Dentistry: The Clinical Context	Dr. Richard Niederman	IDA Annual Mtg. Coralville	2, 1.5, 1
5/3/14	Considerations for Providing Dental Treatment to New Geriatric Patients	Dr. Howard Cowen	IDA Annual Mtg. Coralville	2

Sponsors must be formally organized and adhere to board rules for planning and providing continuing education. When courses are promoted as approved continuing education courses that do not meet the requirements as defined by the board, the sponsor will be required to refund the registration fee to participants. Sponsors may offer non-credit courses provided participants are informed that no credit will be given. Failure to meet this requirement may result in loss of approved sponsor status. Subjects, which are NOT acceptable for continuing education credit include, but are not limited to: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

I understand and agree to follow the board rules for planning and providing continuing education.

Name of person completing this application: Melissa Tangen

Address: 9000 Northpark Dr. Johnston Phone: 515-261-5633

Signature: Melissa Tangen Date: 7/22/14

Please note: The biennial renewal fee of \$100 must accompany this recertification application.

IOWA DENTAL BOARD  
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 Des Moines, IA 50309-4687

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# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION



## IOWA DENTAL BOARD

400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>

Include the *non-refundable* fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

<b>Official Name of Sponsor:</b> Eastern Iowa Community Colleges		
<b>Contact Person:</b> Mary Briones		
<b>City:</b> Davenport	<b>State:</b> Iowa	<b>Zip:</b> 52801
<b>Phone:</b> (563) 336-3447	<b>Fax:</b> (563) 336-3451	
<b>Email:</b> mbriones@eicc.edu	<b>Website Address:</b>	

### Name of Current Officer(s), Title(s), Address, Phone:

Mary Briones, RN, MS

---

Associate Director Health Occupations

---

306 West River Drive

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Davenport, IA 52801

Number of courses offered in 2013: 302

Number of courses offered 2014\*: 371

\*To date

Average number of attendees: 50

### Education Methods:

- Demonstration
- Discussion
- Lecture
- Participation
- Self-study (e.g. reading, online courses, etc.)
- Other: \_\_\_\_\_

### Course Subject Matter: (check all that apply)

- Clinical Practice
- Risk Management
- OSHA Regulations/Infection Control
- Patient Record Keeping
- Communication
- Other: \_\_\_\_\_

# 655778  
\$100



**Eastern Iowa Community College District  
Iowa Dental Board  
Sponsor Recertification Application  
July 1, 2012 – June 30, 2014**

<b>Date</b>	<b>Course Title</b>	<b>Instructor</b>	<b>Location</b>	<b># Hours</b>
07/01/12-06/30/14	BLS Health Care Provider / Renewal	Various Certified Instructors	Scott, Clinton, Muscatine, Various Dental Offices	2-4 hours as required by AHA
07/01/12- 06/30/14	Dependant Adult & Child Mandatory Reporter	Various Qualified Instructors	Scott, Clinton, Muscatine, & Various Dental Offices	2 hours; Classroom, Home Study, MediaSite
07/01/12- 06/30/14	Blood Borne Pathogens	Various Qualified Instructors	Scott, Clinton, Muscatine, & Various Dental Offices	2 hours; Classroom, Home Study, MediaSite
09/14/12	Oral Health	Rikki Hetzler, RDA	MCC Muscatine, Iowa	7 hours
10/22/12	Dentistry in the Field	Chris Cannon, DDS	SCC Belmont Campus	2 hours
11/10/12	Infection Control & Radiography	J. Jorgensen, RDA	SCC Belmont Campus	4 hours
03/21/13	Changing Climate	Terry Fitzgerald	SCC Belmont Campus	2 hours
06/29/13	Infection Control & Radiography	Kristee Malmberg Jane Slach	SCC Belmont Campus	4 hours
10/17/13	Pediatric Dentistry	Alex Brandner, DDS	SCC Urban Center Davenport, Iowa	2 hours
11/21/13	Impressive Impressions	Terry Fitzgerald	SCC Belmont Campus	2 hours
03/13/14	Dx & Tx Maxillary & Lingual Frenums	Melinda Hochgesang, DDS	SCC Belmont Campus	2 hours
04/24/14	Periodontal Therapy	Michael Franzman, DDS	SCC Belmont Campus	2 hours

# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION

## IOWA DENTAL BOARD

400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>



Include the *non-refundable* fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <u>Dr. Brian Fleshner</u>		
Contact Person: <u>Dr. Brian Fleshner</u>		
City: <u>Carroll</u>	State: <u>IA</u>	Zip: <u>51401</u>
Phone: <u>712 792 4375</u>	Fax: <u>712 792 3371</u>	
Email: <u>brian.fleshner@gmail.com</u>	Website Address:	

Name of Current Officer(s), Title(s), Address, Phone:

Brian Fleshner DDS president  
Mark McKenny, DDS president-elect  
Yong J. Chang, DDS vice president  
Brian Fleshner, DDS Secretary/Treasurer

Number of courses offered in 2013: 2

Number of courses offered 2014\*: 1  
\*To date

Average number of attendees: ~160

### Education Methods:

- Demonstration
- Discussion
- Lecture
- Participation
- Self-study (e.g. reading, online courses, etc.)
- Other: \_\_\_\_\_

### Course Subject Matter: (check all that apply)

- Clinical Practice
- Risk Management
- OSHA Regulations/Infection Control
- Patient Record Keeping
- Communication
- Other: \_\_\_\_\_

# 3031  
\$100

Name of Sponsor: Brian Fleshner DDS

List all education programs or courses conducted during the preceding 24-month compliance period. If additional space is needed, please attach a separate listing.

Date:	Course Title:	Instructor:	Location:	CE Hours:
3/24/14	Pediatric Dental Pearls	Joshua Wren DMD	Starlite Village Fort Dodge	6
9/24/13	Periodontal Diagnosis	Paula Weistroffer DDS	" "	3
9/24/13	Complex Implant Restoration	Ben Sweeney	" "	3

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I understand and agree to follow the board rules for planning and providing continuing education.

Name of person completing this application: Brian Fleshner DDS

Address: 713 Simon Ave Phone: 712 792 4375

Signature: Brian Fleshner DDS Date: 7/22/14

Please note: The biennial renewal fee of \$100 must accompany this recertification application.

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687

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AUG 22 2014

# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION



## IOWA DENTAL BOARD

400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>

Include the *non-refundable* fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <b>GSC HOME STUDY COURSES</b>		
Contact Person: <b>SHARON PETERSON</b>		
City: <b>400 MANLEY ST WEST BRIDGEWATER</b>	State: <b>MA</b>	Zip: <b>02379</b>
Phone: <b>(508) 638-7065</b>	Fax: <b>(508) 894-0179</b>	
Email: <b>speterson@westernschools.com</b>	Website Address: <b>www.gscce.com</b>	

### Name of Current Officer(s), Title(s), Address, Phone:

**DEBRA LEFKOWITZ, MANAGER, SAME AS ABOVE, (508) 638-7064**

**PETER TULP, CFO, SAME AS ABOVE, (508) 638-7065**

Number of courses offered in 2013: 127

Number of courses offered 2014\*: 161

\*To date

Average number of attendees: 174 (2013)

### Education Methods:

- Demonstration
- Discussion
- Lecture
- Participation
- Self-study (e.g. reading, online courses, etc.)
- Other: \_\_\_\_\_

### Course Subject Matter: (check all that apply)

- Clinical Practice
- Risk Management
- OSHA Regulations/Infection Control
- Patient Record Keeping
- Communication
- Other: \_\_\_\_\_

#15261  
\$100



# GSC HOME STUDY COURSES

Continuing Education Provider Course List

Courses Offered August 2012 through July 2014

**Name of Provider Organization:** GSC Home Study Courses

**Address of Provider Organization:** 400 Manley Street, West Bridgewater, MA 02379

**Name of Contact Person:** Sharon Peterson

**Date Offered:** All courses are offered as on-going home study

GSC's Item #	Course Titles Currently Offered	Name and Qualifications of Instructor	# CE Hours Granted
L0014	Application and Removal of Dental Dams	Ellen Dietz, CDA Emeritus	3
L0016	Oral Manifestations of Eating Disorders	Ellen Dietz, CDA Emeritus	3
L0021	Complications Associated with Oral Surgery	Ellen Dietz, CDA Emeritus	3
L0025	Oral Soft Tissue Lesions - Diagnosis & Treatment	John Kross, DMD	3
L0030	Malodor - Detection and Treatment	John Kross, DMD & A.J. Barnert, RDH	3
L0031	Mercury - Safety and Contamination	John Kross, DMD	3
L0033	Periodontal Disease and Oral Bacteria - Understanding the Relationship, Health Risks & Disease Implications	Ellen Dietz, CDA Emeritus	3
L0045	Systemic Risk Factors in Periodontal Disease	John Kross, DMD	3
L0046	Endodontic Therapy - Current and Future Paradigms	John Kross, DMD	3
L0048	Oral Manifestations Associated with Gastrointestinal Disorders	Ellen Dietz, CDA Emeritus	3
L0049	Inhalant Abuse - Oral & Physical Manifestations	Karen Espeland, MSN, RN, CARN	3
L0050	Occupational Environmental Hazards in the Dental Office - Health Risks and Prevention Measures	Ellen Dietz, CDA Emeritus	3
L0054	Fluoride Products - Comparisons and Precautions	Mike Gade, DDS & Ellen Dietz, CDA Emeritus	
L0055	Herbal Medicine and Drug Interactions	John Kross, DMD	3
L0056	Post-Traumatic Stress Disorder - Dental Symptoms	John Kross, DMD	3
L0058	Endodontic Post-and-Cores - A Review	John Kross, DMD	3
L0059	Safety in Dental Radiography	Ellen Dietz, CDA Emeritus	3
L0069	Impression Tray Materials and Techniques	Ellen Dietz, CDA Emeritus	3
L0070	Treating Patients with Parkinsons Disease	Ellen Dietz, CDA Emeritus	3
L0074	Oral Effects and Dental Management of Chemotherapy	Ellen Dietz, CDA Emeritus	3
L0077	Reducing Patient Stress - Nonpharmacological Methods	Ellen Dietz, CDA Emeritus	3
L0079	Provisional Restorations - Uses, Placement, Function and a Guide to Materials	Ellen Dietz, CDA Emeritus	3
L0081	Managing the Adult Dental Phobic Patient	Ellen Dietz, CDA Emeritus	3
L0083	Pulpitis	Ellen Dietz, CDA Emeritus	3
L0085	Radiation Safety, Risk Reduction & Infection Control in Dental Radiology	Michael Gade, DDS & Ellen Dietz, CDA Emeritus	3
L0086	Elder Abuse and Neglect - The Dental Teams Role and responsibility for Detection and Prevention	Ellen Dietz, CDA Emeritus	3
L0089	Oral Piercing - Complications and Patient Management	John Kross, DMD	3

L0091	The Hypertensive Patient - Classification and Management	John Kross, DMD, David Verhaag, MD	3
L0092	Periodontal Ligament Injections - Advantages and Disadvantages	John Kross, DMD	3
L0093	Pregnancy and Periodontal Disease - A Review of the Findings	AJ Barnert, RDH	3
L0097	Ethical Decision Making in Dental Practice	Ethical Decision Making in Dental Practice	3
L0098	Hypnosis in Dentistry - Implications and Risks	AJ Barnert, RDH	3
L0099	Dental Radiology - Controlling Infection	John Kross, DMD	3
L0100	Primer on Pain and Symptom Management	John Kross, DMD & Michael Gade, DDS/Gail Bryant, RN	3
L0101	Exostoses of the Maxilla & Mandible	John Kross, DMD	3
L0102	Comparing Condensable Composites - First & Second Generation & Emerging Technologies	John Kross, DMD & Michael Gade, DDS	3
L0104	Local Anesthetics in Dentistry - A Review of Pharmacology, Absorption, Adverse Reactions and New Advances	John Kross, DMD	3
L0105	OSHA & CDC Infection Control Standards & Barrier Precautions in the Dental Healthcare Setting	John Kross, DMD	3
L0106	Pharmacologic Agents Commonly Used in Dental Practice	John Kross, DMD	3
L0107	Adverse Events & Drug Interactions of Local Anesthetics	John Kross, DMD	3
L0108	N2O Sedation - Guide to Pain & Anxiety Management	L. Anne Hirschel, DDS & Michael Gade, DDS	3
L0109	Premedication for Dental Procedures	John Kross, DMD & Michael Gade, DDS	3
L0111	Periodontal Disease - Current & Emerging Approaches to Treatment	John Kross, DMD	3
L0112	Periodontal Disease - Risk Factors, Complications and Insights into Pathophysiology	John Kross, DMD	3
L0113	Fluorides - Benefits, Efficacy, Safety and Patient Education	AJ Barnert, RDH	3
L0114	Latex Allergy - Diagnosis, Management & Prevention	Gail Bryant, RN, MSN, CRRN	3
L0115	Caries Prone Patients - Oral Hygiene, Diet Choices, Nutritional Assessment & Counseling	Marilee Sears, RDH	3
L0116	Diabetes Mellitus - A Link to Periodontal Disease	John Kross, DMD	3
L0118	Pediatric Oral Health: Caries Management & Preventative Therapy	John Kross, DMD	3
L0119	Childhood Caries and Oral Health Habits	John Kross, DMD	3
L0120	Sealants: Selection, Placement and Effectiveness	John Kross, DMD	3
L0121	Putting Dental Pain to Rest: Review of Anesthetic Techniques	Marilee Sears, RDH	3
L0122	Medical Errors in Dentistry	John Kross, DMD	3
L0123	The Pros and Cons of Amalgam versus Composite Restoration	John Kross, DMD	3
L0124	Treating Hypersensitive Teeth - Diagnosis, Etiology, and Pathogenesis	John Kross, DMD	3
L0125	Erosion-Related Tooth Wear - Pathogenic Processes, Diagnosis, and Restorative Treatment	John Kross, DMD	3
L0127	Infection Control, Cross Contamination, and Instrument Sterilization Techniques	John Kross, DMD	3
L0129	Improving Oral Healthcare for Patients with Special Needs	John Kross, DMD	3
L0130	Oral Health Care During Pregnancy: Clinical Guidelines and Management	John Kross, DMD	3
L0131	Osteoporosis: Implications for the Oral Healthcare Provider	John Kross, DMD	3
L0132	The Impact of Vascular and Cardiovascular Diseases on Oral Health	John Kross, DMD	3
L0133	Working with Fearful and Anxious Dental Patients	L. Anne Hirschel, DDS	3
L0134	Medication-Related Damage to Oral Hard and Soft Tissues	John Kross, DMD	3
L0135	Dental Management of Obstructive Sleep Apnea	John Kross, DMD	3
L0136	Temporomandibular Disorders: Surgical Concepts in Diagnosis & Treatment	John Kross, DMD	3
L0142	Latest Strategies in Enamel Re-Mineralization and Prevention of Caries	John F. Kross, DMD, MSc	3
L0145	Tooth Polishing	John F. Kross, DMD, MSc	3
L0147	Permanent Dental Cements - Techniques, Types, Selection	Ellen Dietz-Bourguignon, CDA, AAS, BS	3

L0160	Oral Health Issues for the Female Patient	John F. Kross, MSc, DMD	3
L0161	Dental Implants - Complications & Peri-Implant Diseases	John F. Kross, MSc, DMD	3
L0162	Oral Cancer Update - Prevention, Diagnosis & Management	Andres Pinto, DMD, MPH	3
L0163	Update on Vital Tooth Whitening	John F. Kross, MSc, DMD	3
L0164	Vitamins & the Oral Cavity	J. Anthony von Fraunhofer, MSc, PhD, FRSC	3
L0166 / L0126	Managing Medical Emergencies in the Dental Office	John F. Kross, MSc, DMD	3
L0167	Introduction to Forensic Dentistry	Ellen Dietz-Bourguignon, CDA, AAS, BS	3
L0168	Caries Management by Risk Assessment: CAMBRA in Dental Practice	Elena Francisco, RDH & Amy Nieves, RDH	3
L0169	CDC Infection Control Guidelines and the Practice of Dental Hygiene	Marie T. Fluent, DDS	3
L0170	Quality Radiographs: A Review of Traditional Film Processing	Sharon Crowe, RDH, BSDH, MS	2
L0171	Mini Dental Implants: Indications, Planning & Placement	Gregory Sawyer, DDS	2
L0172	Incorporating Magnification Into Your Dental Practice	Glenn A. van As, DMD	2
L0173	Lasers in Dentistry: From Fundamentals to Clinical Procedures	Donald J. Coluzzi, DDS	2
L0174	Infection Control Standards for California Dental Healthcare Workers	Christine Wisnom, CDA, RN, BSN	2
L0175	Probiotics and the Oral Cavity	J. Anthony von Fraunhofer, MSc, PhD, FRSC	2
L0176	Pediatric Abusive Head Trauma: Guidance for Dental Professionals	Anita Carroll, EdD, MSN, RN	2
L0177	Dental Management for Pediatric Patients with Complex Needs	Paul Subar, DDS EdD	3
L0179	Aesthetic Indirect Inlays and Onlays	J. Robert Kelly, DDS MS DMedSc	3
L0180	Family Violence: Implications for Dental Patients and Practice	Lynn Douglas Mouden, DDS MPH FICD FACD	2
L0181	Contemporary Management of Traumatic Dental Injuries	Zameera Fida, DMD & Howard Needleman, DMD	3
L0182	Dental Unit Waterline Contamination: Causes, Concerns, and Control	Nuala B. Porteous, BDS MPH	1
L0187	Tobacco Cessation: The Dental Health Professional's Role	Kathleen Vendrell Rankins, DDS	3
L0189	Infection Control and Prevention in the Dental Office	Louis G. DePaola, DDS, MS	4
L0191	Prescription Drug Abuse Among Dental Patients: Scope, Prevention, and Management Considerations	Marnie Oakley, DMD; Jean O'Donnell, DMD, MSN; & Michael A. Zemaitis, PhD	3
L0192	H1N1 Flu: Implications for Healthcare Professionals, 2nd Edition	Lawrence T. Bernard, MSJ	1
L0193	Prescription Drug Abuse Among Dental Patients - 2-Hour Version	Marnie Oakley, DMD; Jean O'Donnell, DMD, MSN; & Michael A. Zemaitis, PhD	2
L0194	Dental Radiation Health: Safety and Protection in the Digital Age	Laura Jansen Howerton, RDH, MS	3
L0196	Geriatric Dentistry: Providing Care for an Aging Population	Pamela Stein, DMD, MPH	2
L0200	Dental Radiation Health: Safety and Protection in the Digital Age - 2 Hrs	Laura Jansen Howerton, RDH, MS	2
<b>GSC's Item #</b>	<b>Course Titles Discontinued in Past 2 Years</b>	<b>Name and Qualifications of Instructor</b>	<b># CE Units Granted</b>
L0011	Geriatric Dentistry - Dental Concerns for the Aging Population	John Kross, DMD	3
L0019	Drug Abuse - Dental Concerns	John Kross, DMD	3
L0026	New Products in Periodontal Therapy 1	William Frey, DDS	3
L0028	Practical Orthodontics	John Kross, DMD	3
L0029	Dental Perceptions - Battered Women / Child Abuse	AJ Barnert, RDH	3
L0040	Drug and Alcohol Abuse in the Elderly	Karen Espeland, MSN, RN, CARN	3
L0041	Alcohol and Drug Abuse in Expectant Mothers	Karen Espeland, MSN, RN, CARN	3
L0042	Drug and Alcohol Addiction in People with Disabilities	Karen Espeland, MSN, RN, CARN	3
L0043	Dental Treatment of Medically Compromised Children	John Kross, DMD	3
L0044	Common Oral Motor Disorders Affecting Dental Patients	Michael Gade, DDS & Ellen Dietz, CDA Emeritus	3
L0053	Childhood Dental Disease	Ellen Dietz, CDA Emeritus	3
L0057	Identifying and Referring Victims of Domestic Violence	Gail Bryant, RN, MSN, CRRN	3

L0063 / L0157	Winning the Trust of the Child Dental Patient	Ellen Dietz, CDA Emeritus	3
L0064	Nonsurgical Periodontal Therapy in General Dentistry	William Frey, DDS	3
L0065	Alcohol and Other Chemical Dependencies: Detection & Treatment	Karen Espeland, MSN, RN, CARN	3
L0066	Treating Dental Trauma - Management Techniques	Michael Gade, DDS & Ellen Dietz, CDA Emeritus	3
L0068	Update on Controlling Waterline Biofilms	Ellen Dietz, CDA Emeritus	3
L0072	New Products in Orthodontics	John Kross, DMD	3
L0073	HIPAA and Who it Affects	John Kross, DMD	3
L0076	Smoking Cessation - A Guide for All Health Care Providers	David Verhaag, MD	3
L0082	Craniofacial Injuries - the Dentists Forensic Obligations	Paul Andrews, DDS	3
L0084	AIDS - Occupational Safeguards Update	Mary K. Miller, PharmD, MD & Kathi Brown-Favrot, RN	3
L0087	Management of Pediatric Dental Emergencies	Ellen Dietz, CDA Emeritus	3
L0137	Accidental Tooth Avulsion	Ellen Dietz-Bourguignon, CDA, AAS, BS	3
L0138	California Dental Practice Act	John F. Kross, DMD, MSc & Michael Gade, BA, BS, DDS	3
L0140	Early Orthodontic Treatment	A.J. Barnert, BS, RDH, MA, MFT	3
L0141	Hazard Communication Concepts (OSHA)	John F. Kross, DMD, MSc	3
L0148	H1N1 Flu: Implications for Healthcare Professional, 2nd Edition	Amy B. Bernard, MS, BSN, RN-BC & Lawrence T. Bernard, MSJ	1
L0155	Tobaccos Impact on Oral Health	John F. Kross, DMD, MSc	3

6-30-14  
Reg # 52295

# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION



**IOWA DENTAL BOARD**  
400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>

Include the **non-refundable** fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <i>Hawkeye Community College</i>		
Contact Person: <i>Kim Recker</i>		
City: <i>Waterloo</i>	State: <i>Iowa</i>	Zip: <i>50704</i>
Phone: <i>319-296-2320 ext. 3009</i>	Fax: <i>319-266-6772</i>	
Email: <i>Kimberly.recker@hawkeye</i>	Website Address: <i>www.hawkeyecollege.edu/business-and-community</i>	

Name of Current Officer(s), Title(s), Address, Phone:  
*Aaron Sauerbrei - Executive Director Business and Community Education*

Number of courses offered in 2013: 2  
Average number of attendees: 85

Number of courses offered 2014\*: 2  
\*To date

- Education Methods:**
- Demonstration
  - Discussion
  - Lecture
  - Participation
  - Self-study (e.g. reading, online courses, etc.)
  - Other: \_\_\_\_\_

- Course Subject Matter: (check all that apply)**
- Clinical Practice
  - Risk Management
  - OSHA Regulations/Infection Control
  - Patient Record Keeping
  - Communication
  - Other: \_\_\_\_\_

#1174661  
\$100.

Name of Sponsor: Hawkeye Community College

List all education programs or courses conducted during the preceding 24-month compliance period. If additional space is needed, please attach a separate listing.

Date:	Course Title:	Instructor:	Location:	CE Hours:
4/11/14	Dental Professionals Infection Control/Radiography Seminar	Jodi Miller Cathy Van Winkle	Waterloo IA	4 CEU
10/11/13	Dental Professional Infection Control/Radiography Seminar	Jodi Miller Cathy Van Winkle	Waterloo IA	4 CEU
4/26/13	Dental Professional Infection Control/Radiography Seminar	Jodi Miller Cathy Van Winkle	Waterloo IA	4 CEU
9/19/14	Dental Professional Infection Control/Radiography Seminar	Jodi Miller Cathy Van Winkle	Waterloo IA	4 CEU

Sponsors must be formally organized and adhere to board rules for planning and providing continuing education. When courses are promoted as approved continuing education courses that do not meet the requirements as defined by the board, the sponsor will be required to refund the registration fee to participants. Sponsors may offer non-credit courses provided participants are informed that no credit will be given. Failure to meet this requirement may result in loss of approved sponsor status. Subjects, which are NOT acceptable for continuing education credit include, but are not limited to: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

I understand and agree to follow the board rules for planning and providing continuing education.

Name of person completing this application: Kim Recker

Address: 5330 Nordic Dr, Cedar Falls, IA 50613 Phone: 319-296-2320 ext. 3009

Signature: Kim Recker Date: 6-30-14

Please note: The biennial renewal fee of \$100 must accompany this recertification application.

**IOWA DENTAL BOARD**  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687

# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION



## IOWA DENTAL BOARD

400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>

Include the **non-refundable** fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <i>MetLife Dental</i>		
Contact Person: <i>Marianne Mitchell</i>		
City: <i>Bridgewater</i>	State: <i>NJ</i>	Zip: <i>08807</i>
Phone: <i>908-253-1793</i>	Fax: <i>908-253-2480</i>	
Email: <i>mmitchell4@metlife.com</i>	Website Address: <i>www.metdental.com</i>	

Name of Current Officer(s), Title(s), Address, Phone:

*Susan Baker, Director, MetLife, 501 Hwy 22, Bridgewater  
NJ 08807 203-966-4880*

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Number of courses offered in 2013: 69

Number of courses offered 2014\*: 71  
\*To date

Average number of attendees: 4838

### Education Methods:

- Demonstration
- Discussion
- Lecture
- Participation
- Self-study (e.g. reading, online courses, etc.)
- Other: \_\_\_\_\_

### Course Subject Matter: (check all that apply)

- Clinical Practice
- Risk Management
- OSHA Regulations/Infection Control
- Patient Record Keeping
- Communication
- Other: \_\_\_\_\_

# 1498809  
\$100



**MetLife Dental Continuing Education**  
**Self-Study Courses 2013 - 2014 (Present)**

	<b>Quality Resoure Guide</b>	<b>Instructor</b>	<b>CE Hours</b>
1	A Guide to Contemporary Endodontic Technology 3rd Edition	Ashraf Fouad, DDS MS – University of Maryland	2.0
2	Adolescent Oral Health: Perspectives for Dental Practitioners 2nd Edition	Deborah Studen-Pavlovich, DMD and Dennis N. Ranalli, DDS MDS – University of Pittsburgh	1.5
3	Alveolar Ridge Preservation Following Tooth Extraction	Guy Huynh-Ba, DDS MS – University of Texas Health Science Center at San Antonio	1.0
4	Antibiotic Use in Dentistry	Arthur H. Jeske, DMD PhD – University of Texas Houston	1.0
5	Assessing Orofacial Pain 2nd Edition	Edward F. Wright, DDS MS – University of Texas Health Science Center at San Antonio	1.0
6	Bisphosphonate-Related Jaw Necrosis: Part 1 3rd Edition	James J. Sciubba, DMD PhD – Johns Hopkins School of Medicine	1.0
7	Bisphosphonate-Related Jaw Necrosis: Part 2 3rd Edition	James J. Sciubba, DMD PhD - Johns Hopkins School of Medicine	1.0
8	Cardiovascular Conditions Encountered in Dental Practice 3rd Edition	Frank C. Nichols, DDS PhD – University of Connecticut	1.5
9	Clinical Considerations for Cone Beam Imaging in Dentistry 2nd Edition	William C. Scarfe BDS, FRACDS, MS and Allan G. Farman BDS, PhD, DSc – University of Louisville	1.0
10	Clinical Decision-Making for Caries Management in Children 4th Edition	Norman Tinanoff, DDS – University of Maryland	1.5
11	Cosmetic Dentistry 2nd Edition	Richard D. K. Wilson, DDS – Former Clinical Professor, Virginia Commonwealth University School of Dentistry & Private Practitioner	1.0
12	Dental Adhesives 3rd Edition	Jorge Perdigão, DMD MS PhD – University of Minnesota	1.0
13	Dental Care for Patients with Bleeding Disorders	Michael A. Huber, DDS – University of Texas Health Science Center at San Antonio	1.0
14	Dental Record Keeping	Michael A. Huber, DDS - University of Texas Health Science Center at San Antonio	1.0
15	Dentifrices and Mouthrinses to Reduce Plaque and Gingivitis	Sebastian G. Ciancio, DDS – University of Buffalo	1.0
16	Dentistry and Biofilms 2nd Edition	Robert Wirthlin Jr, DDS MS – University of California San Francisco	1.0
17	Diabetes Mellitus and the Dental Patient	Evanthia Lalla, DDS MS – Columbia University College of Dental Medicine	1.0

# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION

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## IOWA DENTAL BOARD

400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>

Include the **non-refundable** fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <u>Northeast Iowa Community College</u>		
Contact Person: <u>Mary McWally</u>		
City: <u>Dubuque</u>	State: <u>Iowa</u>	Zip: <u>52001</u>
Phone: <u>563.557.8271 x 234</u>	Fax: <u>563-557.0319</u>	
Email: <u>mcwallyma@nicc.edu</u>	Website Address: <u>www.nicc.edu</u>	

### Name of Current Officer(s), Title(s), Address, Phone:

Dawn Klostermann, CDA, RDA, EFDA, 17240 Holy Cross Rd, Holy Cross, IA 52053 (563-876-2067)  
Gloria Kluesner, CDA, BIS, RDA, EFDA, 201 Anderson St. Manchester, IA 52057 (563-927-5624)  
Tina Adams, CDA, RDA, BA, EFDA, 2432 Birchwood, DBA IA 52002 (563-556-6007)

Number of courses offered in 2013: 14

Number of courses offered 2014\*: 21  
\*To date

Average number of attendees: 6

### Education Methods:

- Demonstration
- Discussion
- Lecture
- Participation
- Self-study (e.g. reading, online courses, etc.)
- Other: \_\_\_\_\_

### Course Subject Matter: (check all that apply)

- Clinical Practice
- Risk Management
- OSHA Regulations/Infection Control
- Patient Record Keeping
- Communication
- Other: Expanded Functions

# 1156851  
\$100



08.07.14

To: Iowa Dental Board

From: Mary McNally, Health Program Manager

Re: Recertification for Continuing Education Sponsorship

Enclosed you will find the completed application and \$100 check as requested for the Recertification for our Continuing Education Sponsorship.

There has been a slight change in how the dental class offerings are listed since our last application.

Classes are now entered into the Northeast Iowa Community College registration system based on our college's fiscal year, which runs June 17<sup>th</sup> – June 16<sup>th</sup>, instead of each class offering separated out per class.

If you have any questions, I would be more than happy to answer them. You can contact me by e-mail: [mcnallyma@nicc.edu](mailto:mcnallyma@nicc.edu) OR phone: 563.557.8271, extension 234.

Thank you.



FY2014	24549 Dental Hygienist Juris Prudence Test #1D	Test	Proctor	
FY2014	24550 Dentist Juris Prudence Test #1D	Test	Proctor	
FY2014	25094 Dental Assistant Infection Control Test #3D	Test	Proctor	Town Clock Business Center
FY2014	25138 Dental Infection Update	Dawn	Klostermann	On Site - Dubuque
FY2014	26240 Dental Assistant Expanded Functions - Impressions	Tina	Adams	OnLine
FY2014	26242 Dental Assistant Expanded Functions - Liners	Tina	Adams	OnLine
FY2014	26258 Limited Dental Radiography	Gloria	Kluesner	Location : Online
FY2014	26546 Dental Expanded Functions Class - Section 2, Monitoring of Nitrous Oxide	Gloria	Kluesner	OnLine
FY2014	26629 Dental Infection Control Update	Dawn	Klostermann	On Site - Dubuque
FY2014	30722 Dental Assistant Juris Prudence Test #2D	Test	Proctor	

# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION



## IOWA DENTAL BOARD

400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>

Include the *non-refundable* fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <i>ORAL ARTS DENTAL LABORATORY</i>		
Contact Person: <i>STEVE DEEBY</i>		
City: <i>Dubuque</i>	State: <i>IA</i>	Zip: <i>52002</i>
Phone: <i>563-556-1911</i>	Fax: <i>563-556-9091</i>	
Email: <i>steve@oralartslab.com</i>	Website Address:	

Name of Current Officer(s), Title(s), Address, Phone:

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Number of courses offered in 2013: 14  
*IN OFFICE*

Number of courses offered 2014\*: 12  
\*To date

Average number of attendees: 6  
*SEMINAR ROOM 95*

**Education Methods:**

- Demonstration
- Discussion
- Lecture
- Participation
- Self-study (e.g. reading, online courses, etc.)
- Other: \_\_\_\_\_

**Course Subject Matter: (check all that apply)**

- Clinical Practice
- Risk Management
- OSHA Regulations/Infection Control
- Patient Record Keeping
- Communication
- Other: \_\_\_\_\_

*# 5502071  
\$100*

Name of Sponsor: \_\_\_\_\_

List all education programs or courses conducted during the preceding 24-month compliance period. If additional space is needed, please attach a separate listing.

Date:	Course Title:	Instructor:	Location:	CE Hours:
4/5/13	Endodontic aspects of Traumatic Injuries to permanent Teeth	Manuel Gomez, DDS	Bettendorf, IA	4
10/4/13	Drug Related Problems in a Dental Practice	Karen Baker	Bettendorf, IA	4
11/5/13	Raising the Shade on Shade Taking	Scott McAllen	Dubuque, IA	2
11/1/13	The Evolution of Endodontic Technique	Alex Fleury, DDS	Ankeny, IA	6
3/22/13	Esthetics & Implant Dentistry	De Davis Tarnow	Dubuque, IA	6
9/27/13	Early Treatment of Malocclusion	Leonard Cerapezza, DMD	Dubuque, IA	6
10/2/13	Alternatives to Partial	Mary Neuwachner	W. Des Moines, IA	1
6/27/13	<del>9/17/13</del> Occlusal Guards - Hints	Mary Neuwachner	FT. Dodge, Ia	1
2/20/13	Obstructive Sleep Apnea	Mary "	Des Moines	1
4/1/13	" " "	" "	" "	1

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I understand and agree to follow the board rules for planning and providing continuing education.

Name of person completing this application: Steve Derby

Address: 6707 Chavenelle Road Phone: 563-556-1911  
Dubuque, IA 52002

Signature: Steve Derby Date: 7/14/14

Please note: The biennial renewal fee of \$100 must accompany this recertification application.

**IOWA DENTAL BOARD**  
 400 S.W. 8<sup>th</sup> Street, Suite D  
 Des Moines, IA 50309-4687

3/4

Name of Sponsor: Oreal West D.L

List all education programs or courses conducted during the preceding 24-month compliance period. If additional space is needed, please attach a separate listing.

Date:	Course Title:	Instructor:	Location:	CE Hours:
4/11/13	Early Orthodontic Treatment	Chad McBeard, D.D.S.	Dubuque	1
4/8/13	Restoration Selection	Steve Dieby	Spencer	1
4/11/13	Sleep with the Enemy (OSA)	Lori Kearney	Waukon	7
1/17/13	Periodontal Cases	Dr James Fil:	Dubuque	1
11/1/12	Endodontics	DeLuka Hamann	Dubuque	1
11/2/12	Sleeping with the Enemy (OSA)	Mary Newochner	Carroll, IA	1
11/3/12	Removable Renaissance	" "	DeWitt	1
11/4/12	Removable Renaissance	Steve Dieby	Spencer	1
<del>6/11/14</del>	<del>Cleaning the Chair</del>	<del>Lori Kearney</del>	<del>Waterloo</del>	<del>7</del>
6/11/14	Restoration Selection	Lori Kearney	Waterloo	1

Sponsors must be formally organized and adhere to board rules for planning and providing continuing education. When courses are promoted as approved continuing education courses that do not meet the requirements as defined by the board, the sponsor will be required to refund the registration fee to participants. Sponsors may offer non-credit courses provided participants are informed that no credit will be given. Failure to meet this requirement may result in loss of approved sponsor status. Subjects, which are NOT acceptable for continuing education credit include, but are not limited to: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

**I understand and agree to follow the board rules for planning and providing continuing education.**

Name of person completing this application: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Please note: The biennial renewal fee of \$100 must accompany this recertification application.**

**IOWA DENTAL BOARD**  
 400 S.W. 8<sup>th</sup> Street, Suite D  
 Des Moines, IA 50309-4687

Name of Sponsor: Oral Arts DL

List all education programs or courses conducted during the preceding 24-month compliance period. If additional space is needed, please attach a separate listing.

Date:	Course Title:	Instructor:	Location:	CE Hours:
5/28/14	NTI: FACTS/FICTION	Lozi Keweney	Des Moines	1
5/22/14	NTI: FACTS/FICTION	" "	Dubuque	1
5/14/14	NTI: FACT/FICTION	" "	LaCrosse	1
4/23/14	<del>NTI</del> Sleeping with the Enemy	" "	Johnston	1
4/20/14	NTI: FACT/FICTION	" "	Des Moines	1
4/10/14	Endo Potpourri	Delata Hamann	Dubuque	1
3/31/14	NTI: FACT/FICTION	Lozi Keweney	DAVENPORT	1
2/18/14	Beauty is Beast	Lozi Keweney	DeWitt	1
1/16/14	Orthodontic Pearls	Dr B. Hoelscher	Dubuque	1
4/28/14	Possibilities in DENTISTRY Cosmetic, Restorative, Implants	DAVID LITTLE, DDS	DAVENPORT DUBUQUE	6

Sponsors must be formally organized and adhere to board rules for planning and providing continuing education. When courses are promoted as approved continuing education courses that do not meet the requirements as defined by the board, the sponsor will be required to refund the registration fee to participants. Sponsors may offer non-credit courses provided participants are informed that no credit will be given. Failure to meet this requirement may result in loss of approved sponsor status. Subjects, which are NOT acceptable for continuing education credit include, but are not limited to: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

I understand and agree to follow the board rules for planning and providing continuing education.

Name of person completing this application: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please note: The biennial renewal fee of \$100 must accompany this recertification application.

4/4

Name of Sponsor: Oral Arts D.L

List all education programs or courses conducted during the preceding 24-month compliance period. If additional space is needed, please attach a separate listing.

Date:	Course Title:	Instructor:	Location:	CE Hours:
3/17/14	DENTISTRY and the Digital World in the everyday Practice	R. R. Tice, DMD	Dubuque	6

Sponsors must be formally organized and adhere to board rules for planning and providing continuing education. When courses are promoted as approved continuing education courses that do not meet the requirements as defined by the board, the sponsor will be required to refund the registration fee to participants. Sponsors may offer non-credit courses provided participants are informed that no credit will be given. Failure to meet this requirement may result in loss of approved sponsor status. Subjects, which are NOT acceptable for continuing education credit include, but are not limited to: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

**I understand and agree to follow the board rules for planning and providing continuing education.**

Name of person completing this application: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Please note: The biennial renewal fee of \$100 must accompany this recertification application.**

**IOWA DENTAL BOARD**  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687

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# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION

## IOWA DENTAL BOARD

400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>

Include the *non-refundable* fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <b>Oral Surgery Associates of Iowa City</b>		
Contact Person: <b>RAE ANN HOsier</b>		
City: <b>Iowa City</b>	State: <b>IA</b>	Zip: <b>52245</b>
Phone: <b>319-338-5484</b>	Fax: <b>319-338-9413</b>	
Email: <b>raeann@Iowacityoralsurgery.com</b>	Website Address: <b>www.iowacityoralsurgery.com</b>	

Name of Current Officer(s), Title(s), Address, Phone:

<b>Andrew Hartwig, D.P.S., PhD Fellow AAOMS - Diplomate AAOMS</b>
<b>Chad Pfohl D.P.S. Fellow AAOMS Diplomate AAOMS</b>
<b>Deb Zeitler D.P.S. MS. Fellow AAOMS Diplomate AAOMS</b>
<b>Ryan Toponce DMD</b>

**2814 Northgate Drive Suite 2  
Iowa City IA 52245  
319-338-5484**

Number of courses offered in 2013: 1

Number of courses offered 2014\*: 0

\*To date

Average number of attendees: 200

Education Methods:

- Demonstration
- Discussion
- Lecture
- Participation
- Self-study (e.g. reading, online courses, etc.)
- Other: \_\_\_\_\_

Course Subject Matter: (check all that apply)

- Clinical Practice
- Risk Management
- OSHA Regulations/Infection Control
- Patient Record Keeping
- Communication
- Other: \_\_\_\_\_

# 26342  
\$ 100

Name of Sponsor: Oral Surgery Assoc of Iowa City

List all education programs or courses conducted during the preceding 24-month compliance period. If additional space is needed, please attach a separate listing.

Date:	Course Title:	Instructor:	Location:	CE Hours:
11/5/13	State of the Art Techniques in Implant Prosthetics for private practice	Robert Vogel	Coralville, IA	6 hrs
2011 2010	Update in Oral Surgery	Hartwig Pfohl	Iowa City	1

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**I understand and agree to follow the board rules for planning and providing continuing education.**

Name of person completing this application: Rae Ann Hosier

Address: 2814 Northgate Drive Suite 2 Iowa City IA 52245 Phone: 319-338-5484

Signature: Rae Ann Hosier Date: 7-8-14

**Please note: The biennial renewal fee of \$100 must accompany this recertification application.**

**IOWA DENTAL BOARD**  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687

# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION



**IOWA DENTAL BOARD**  
400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>

Include the *non-refundable* fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <b>SPRING PARK DENTAL IMPLANT STUDY CLUB</b>		
Contact Person: <b>PAUL R. SMITH, GLENNA KOTTMAYER</b>		
City: <b>DAVENPORT</b>	State: <b>IA</b>	Zip: <b>52807</b>
Phone: <b>563-359-1601</b>	Fax: <b>563-355-7111</b>	
Email:	Website Address:	

Name of Current Officer(s), Title(s), Address, Phone:

**PAUL R. SMITH - DIRECTOR**

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**RYAN B. LEE - ASST DIRECTOR**

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Number of courses offered in 2013: 3  
Average number of attendees: 15

Number of courses offered 2014\*: 3  
\*To date

- Education Methods:**
- Demonstration
  - Discussion
  - Lecture
  - Participation
  - Self-study (e.g. reading, online courses, etc.)
  - Other: \_\_\_\_\_

- Course Subject Matter: (check all that apply)**
- Clinical Practice
  - Risk Management
  - OSHA Regulations/Infection Control
  - Patient Record Keeping
  - Communication
  - Other: MEDICAL EMERGENCIES

# 73740  
\$100

Name of Sponsor: SPRING PARK DENTAL IMPLANT STUDY CLUB

List all education programs or courses conducted during the preceding 24-month compliance period. If additional space is needed, please attach a separate listing.

Date:	Course Title:	Instructor:	Location:	CE Hours:
	OSHA / Infection Control Update	SULLIVAN	SPONS office	2
7/10/13	Dent2 Solutions for Full Arch	MEYER	"	2.5
8/14/13	Oral Surgery Office Emergencies	POTACZEK	"	2
2/13/14	Implant Restorations in Edentulous Patients	BLACKWELL	"	2
	OSHA / Infection Control Update	SULLIVAN	"	2
5/9/14	Simple & Efficient Implant Surgery	BLACKWELL	"	7

Sponsors must be formally organized and adhere to board rules for planning and providing continuing education. When courses are promoted as approved continuing education courses that do not meet the requirements as defined by the board, the sponsor will be required to refund the registration fee to participants. Sponsors may offer non-credit courses provided participants are informed that no credit will be given. Failure to meet this requirement may result in loss of approved sponsor status. Subjects, which are NOT acceptable for continuing education credit include, but are not limited to: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

I understand and agree to follow the board rules for planning and providing continuing education.

Name of person completing this application: PAUL R. SULLIVAN

Address: 5345 SPRING ST DAVENPORT IA Phone: 563-359-1601

Signature: Paul R Sullivan Date: 8-29-14

Please note: The biennial renewal fee of \$100 must accompany this recertification application.

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687

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JUL 28 2014



# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION

## IOWA DENTAL BOARD

400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>

Include the *non-refundable* fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <u>University District Dental Society</u>		
Contact Person: <u>Ann Romanowski</u>		
City: <u>Iowa city</u>	State: <u>IA</u>	Zip: <u>52240</u>
Phone: <u>337-5752</u>	Fax: <u>351-8348</u>	
Email: <u>annromanowski@aol.com</u>	Website Address:	

### Name of Current Officer(s), Title(s), Address, Phone:

Quinn Moreland President 680 Avelon Place Coralville 52241  
621-0723

Derek Bergwardt Vice President 1517 Mall Drive Iowa City 52240  
337-3588

Ann Romanowski Treasurer 502 Woodridge Iowa City 52245  
337-5752

Number of courses offered in 2013: 2

Number of courses offered 2014\*: 1  
\*To date

Average number of attendees: 60

### Education Methods:

- Demonstration
- Discussion
- Lecture
- Participation
- Self-study (e.g. reading, online courses, etc.)
- Other: \_\_\_\_\_

### Course Subject Matter: (check all that apply)

- Clinical Practice
- Risk Management
- OSHA Regulations/Infection Control
- Patient Record Keeping
- Communication
- Other: \_\_\_\_\_

#1406  
\$100

Name of Sponsor: University District Dental Society

List all education programs or courses conducted during the preceding 24-month compliance period. If additional space is needed, please attach a separate listing.

Date:	Course Title:	Instructor:	Location:	CE Hours:
10.3.12	Update on Composite Resin	Marcus Vargas	Highlander Iowa City	3
10.3.12	Update on Digital Image and Implants	David Grotton	"	"
4.17.13	Advanced Imaging Modalities	Trishul Allereddy	"	2
4.17.13	Restorative Dentistry for Kids	Kaaren Vargas	"	2
4.17.13	Dentistry and Health Care Reform	Pete Damiano	"	2
10.2.13	Full Mouth Reconstructive Endodontic Update	Dr. Williamson	"	3
10.3.13	Brandon Vos	Brandon Vos	"	3
4.2.14	Ceramics and Cement	Sabrina Bunck	"	3
4.2.14	Implant Complications	Julius Bunck		

76 CEN

6 CEN

76 CEN

Sponsors must be formally organized and adhere to board rules for planning and providing continuing education. When courses are promoted as approved continuing education courses that do not meet the requirements as defined by the board, the sponsor will be required to refund the registration fee to participants. Sponsors may offer non-credit courses provided participants are informed that no credit will be given. Failure to meet this requirement may result in loss of approved sponsor status. Subjects, which are NOT acceptable for continuing education credit include, but are not limited to: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

I understand and agree to follow the board rules for planning and providing continuing education.

Name of person completing this application: Ann Romanowski

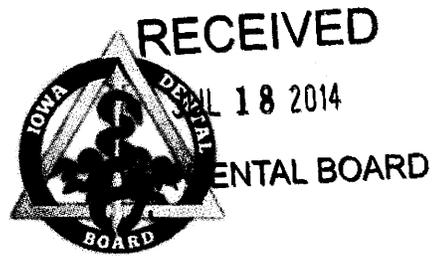
Address: 1517 Mall Drive Iowa City 52240 Phone: 337-5752

Signature: Ann Romanowski Date: 7.20.14

Please note: The biennial renewal fee of \$100 must accompany this recertification application.

IOWA DENTAL BOARD  
400 S.W. 8<sup>th</sup> Street, Suite D  
Des Moines, IA 50309-4687

# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION



## IOWA DENTAL BOARD

400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>

Include the **non-refundable** fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <u>UNMC College of Dentistry Continuing Education</u>		
Contact Person: <u>Dr. Mary Lynn Froeschle</u>		
City: <u>Lincoln</u>	State: <u>NE</u>	Zip: <u>68583</u>
Phone: <u>402/472.7993</u>	Fax: <u>402/472.5290</u>	
Email: <u>mlfroesc@unmc.edu</u>	Website Address: <u>www.unmc.edu/dentistry/continuing-education.htm</u>	

### Name of Current Officer(s), Title(s), Address, Phone:

Dr. Mary Lynn Froeschle, CE Director, PO Box 830740 Lincoln, NE  
68583-0740, 402/472.7993

Connie Whitson, CE Coordinator, PO Box 830740 Lincoln, NE  
68583-0740, 402/472.2611

Number of courses offered in 2013: 7

Number of courses offered 2014\*: 4  
\*To date

Average number of attendees: 37

### Education Methods:

- Demonstration
- Discussion
- Lecture
- Participation
- Self-study (e.g. reading, online courses, etc.)
- Other: \_\_\_\_\_

### Course Subject Matter: (check all that apply)

- Clinical Practice
- Risk Management
- OSHA Regulations/Infection Control
- Patient Record Keeping
- Communication
- Other: \_\_\_\_\_

#1040  
\$100.



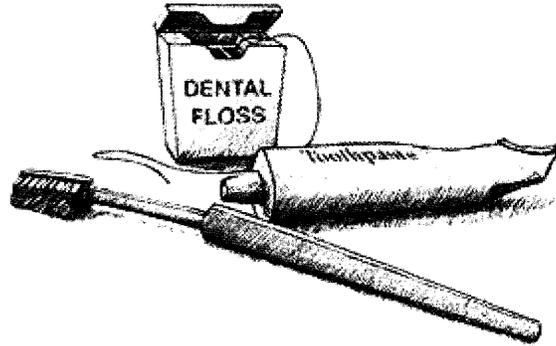
# University of Nebraska Medical Center

## 2013

## Save the Date!!!

## 2014

College of Dentistry  
Continuing Education



For more information

see our website:

[www.unmc.edu/dentistry](http://www.unmc.edu/dentistry)

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<b>8/9/13</b>	<b>Golf and Learn: The mouth &amp; body-osteoporosis and the practicing dentist</b> Dr. Sreenivas Koka	Quarry Oaks Golf Club 8am-11:30am	3 CE
<b>9/13/13</b>	<b>Resin Adhesion to Tooth Structure/Caries Management</b> Dr. Edmond Hewlett	COD 1:45pm-5pm	3 CE
<b>10/04/13</b>	<b>Dental Reunion 2014: The Synergy of Esthetics and Function</b> Dr. Michael Sesemann	Embassy Suites, Lincoln 8:30am-11:45am	3 CE
<b>11/01/13</b>	<b>Risk Factors for Periodontal Disease: An Update on Inflammation</b> Dr. Amy Killeen	COD 10am-11:15pm	3 CE
<b>11/15/13</b>	<b>Medical Emergencies in the Dental Office: Hands on with Sim Man</b> Dr. J. Bruce Bavitz & Dr. Darrell Ebke	COD 1:15pm-4:30pm	3 CE
<b>Dec. 2013</b> (TBA)	<b>Radiology for Dental Auxiliary</b>	COD 8-5 both days	16hr
<b>1/10/14</b>	<b>Weeth Lecture 2014: Bleaching Techniques</b> Dr. Van Haywood	Ross Theater, Lincoln 8:15am-4pm	6 CE
<b>2/14/14</b>	<b>What's New 2014: Topics in Pain Management</b> UNMC COD Faculty	East Campus 8:30am-11am	6 CE
<b>Spring 2014</b> (TBA)	<b>Radiology for Dental Auxiliary</b>	COD 8-5 both days	16hr
<b>Summer 2014</b> (TBA)	<b>Coronal Polishing for Dental Auxiliary</b>	COD 8-4 both days	14hr

**This is a schedule of our upcoming CE events for the 2013-2014 academic year. More information about each course and online registration will be available this summer. If you are not on our e-mail list, please send your email address to [codce@unmc.edu](mailto:codce@unmc.edu). Thank you!**

**Connie Whitson via email [codce@unmc.edu](mailto:codce@unmc.edu) or 402-472-2611.**

Continuing Education  
PO Box 830740  
40th and Holdrege Streets  
Lincoln, NE 68583-0740

Phone: 402-472-2611  
Fax: 402-472-5290  
E-mail: [codce@unmc.edu](mailto:codce@unmc.edu)

Continuing Dental Education

# UNMC CDE

2013-2014 ANNUAL CALENDAR

<http://www.unmc.edu/dentistry>

UNIVERSITY OF NEBRASKA MEDICAL CENTER [unmc.edu](http://unmc.edu)



2013-2014 CALENDAR



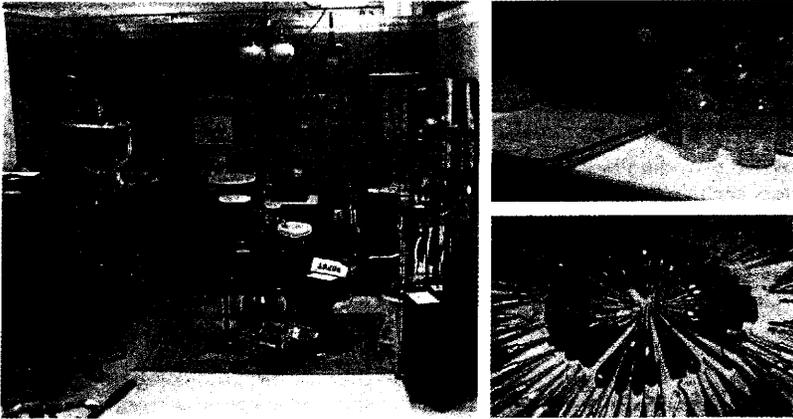


# Dental Museum

Open All Week:  
September 30 - October 5

## HOURS

Monday, Thursday, & Friday: 8:00 a.m. - 5:00 p.m.  
Tuesday & Wednesday: 8:00 a.m. - 9:00 p.m.  
Saturday: 8:00 a.m. - 12:00 p.m.



Several historical offices from the 1850s to the 1930s are on display, including a laboratory from the early 1900s. Thousands of dental artifacts will also be featured at the College of Dentistry's Dental Museum. Dr. Stanton D. Harn, the museum's curator, will be available to answer your questions.

### General Information for Continuing Education

**Registration:** Registration and payment are suggested for all courses two weeks prior to the course. If you have not registered, please call the College of Dentistry to see if space is available.

We reserve the right to limit the number of participants and to cancel any course. Continuation letters are generally sent two weeks prior to the course. If registration has been received two weeks prior to the course and no continuation letter is received, please contact the College of Dentistry to verify that your registration reached the office by (417) 473-2611.

**General Attendance Reporting:** CE attendance certificates will be provided only for those participants completing a CE activity upon completion of the program. CE certificate hours will be earned as appropriate for actual attendance.

**Cancellation:** Participants canceling their registration will receive a refund minus a \$25 processing fee. Notice of cancellation must be made prior to the course. **NO REFUNDS WILL BE MADE AFTER THE COURSE BEGINS.**

**Recognition:** The University of Nebraska Medical Center College of Dentistry Office of Continuing Education is an ADA/CERP recognized provider. The college is a member of the American Dental Education Association and the Association for Continuing Dental Education. Academy of General Dentistry credit is available.



# Dentc

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UNIVERSITY OF  
**Nebraska**  
Medical Center  
COLLEGE OF  
DENTISTRY

40th and Holdrege  
P.O. Box 830740  
Lincoln, NE 68583-0740

# DENTAL REUNION 2013

College of Dentistry  
Alumni Association

# Registration

[www.unmc.edu/dentistry](http://www.unmc.edu/dentistry)  
 Follow the Link to Continuing Education  
 402-472-1344 • 8-5 CST

Name \_\_\_\_\_ Class Year \_\_\_\_\_  
 Address \_\_\_\_\_  Home  Business  
 City/State/Zip \_\_\_\_\_  
 Daytime Phone \_\_\_\_\_  Home  Business  
 E-mail \_\_\_\_\_  
 Name(s) of Guests/Staff and Events: \_\_\_\_\_

## Friday, October 4

	#	Cost	Subtotal
Continuing Education (3 CE hrs.)			
Dentists	___	x \$125 =	___
Auxiliary & Dental Hygiene	___	x \$80 =	___
Luncheon: Shawn Eichorst University of Nebraska Athletic Director (No Charge for CE attendees)	___	x \$0 =	0
Luncheon Guests (Limited Seats Available)	___	x \$25 =	___
Dinner Banquet (Registration Required)	___	x \$42 =	___

## Saturday, October 5

Pre-game Festivities	___	x \$0 =	0
Football Tickets: NU vs Illinois (Limit Two)*	___	x \$75 =	___

### Credit Card Information

MasterCard  Visa  American Express

Total Charge

Credit Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

**\*FOOTBALL TICKET ELIGIBILITY:** There are a limited number of tickets available for the Nebraska versus Illinois game. Randomly selected names of those who have requested tickets by the due date will be mailed confirmations on September 13. To be eligible for tickets this year you must 1) Return your ticket request no later than Friday, September 6, 2013; 2) Not currently have a season ticket to Nebraska football games; 3) Be a paid member of the Nebraska Alumni Association, and 4) Participate in both the CE seminar and the Friday banquet (CE participation may be waived for life members of the Nebraska Alumni Association. Tickets are limited to two per family. Ticket allocation is by lottery. Priority is given to life members of the Nebraska Alumni Association. **PLEASE NOTE:** The Nebraska Alumni Association (where we acquire the football tickets) is requiring that all individuals purchasing the tickets must be members of the Nebraska Alumni Association. If you are *only* a member of the College of Dentistry Alumni Association, you will need to join the Nebraska Alumni Association in order to meet the requirements for football tickets this year.

Make checks payable to **UNMC COD**. Return completed form to: Dental Alumni Reunion, c/o Kim Hailey, UNMC College of Dentistry, 40th & Holdrege St., Lincoln, NE, 68583-0740. Phone: 402-472-1344, FAX: 402-472-6681.

# Schedule

Continuing Education,  
 Luncheon, & Dinner  
 Embassy Suites,  
 1040 P Street

## Friday, October 4

8:00-8:30 a.m. Registration & Continental Breakfast  
 8:30-10:00 a.m. Continuing Education  
 10:00-10:15 a.m. Break  
 10:15-11:45 a.m. Continuing Education  
 12:00 p.m. Shawn Eichorst,  
 University of Nebraska Athletic Director  
 2:00-4:00 p.m. Student-guided Tours of the College  
 5:00-6:00 p.m. Cocktail Hour (cash bar)  
 6:00-7:00 p.m. Dinner  
 7:00-8:00 p.m. Awards & Recognition

**Honor Classes: 1948, 1953, 1958, 1963, 1973, 1983, 1988, 1993, 2003, & 2008. Commemorative pins will be presented to the classes of 1953, 1963, and 1988.**

## Saturday, October 5

Pregame Festivities / Tour the College / Museum  
 College of Dentistry, 40th & Holdrege Streets

- Pregame Festivities: 8:00-10:00 a.m.
- Student-guided tours of the College of Dentistry: 8:00-9:30 a.m.
- Dental Museum is open to the public
- Kickoff! Nebraska vs. Illinois at Memorial Stadium!

**Please note: There will be no bus or van transportation provided for any of the alumni homecoming reunion events.**

**ADA C·E·R·P®** | Continuing Education  
 Recognition Program

UNMC College of Dentistry is an ADA 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 program hours by boards of dentistry.

This event is sponsored by the UNMC College of Dentistry Alumni Association under the umbrella of the UNMC Alumni Association.

# Continu

## Dental Art of Estl

**Course Overview:** To c  
 unprecedented motivati  
 vast array of functional  
 systems for predictable  
 prehensive restorative c  
 When providing high-lev  
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 identification of esthetic  
 execution of the proper  
 achieve the desired rest  
 throughout the diagnos

### Course Objectives:

- The attendee will lear  
 ing a successful resul  
 plans.
- Learn how to effective  
 restorative team to di  
 esthetic and/or functi
- Case studies will be p  
 tal treatment can and  
 for ultimate restorativ

**About the Speaker: N**  
 general, cosmetic, comp  
 who has been in private  
 nized industrywide for h  
 patients know him for h  
 desires and concerns in  
 they are attractive.

In addition to operating  
 Sesemann is involved in  
 the 2009-10 president o  
 inducted into the select  
 appointed to the faculti  
 the editorial board of vo  
 national and internatio  
 Even with these accomp  
 the dedicated staff that  
 provide each individual  
 achieved through their

# Schedule

Continuing Education,  
Luncheon, & Dinner  
Embassy Suites,  
1040 P Street

# Continuing Education

Dr. Michael Sesemann

mc.edu/dentistry  
Continuing Education  
2-1344 • 8-5 CST

Class Year \_\_\_\_\_

Home  Business

Home  Business

## Friday, October 4

- 8:00-8:30 a.m. Registration & Continental Breakfast
- 8:30-10:00 a.m. Continuing Education
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This event is sponsored by the UNMC College of Dentistry Alumni Association under the umbrella of the UNMC Alumni Association.

## Dental Art and Design: The Synergy of Esthetics and Function

**Course Overview:** Today's dental patient arrives at our office with an unprecedented motivation for esthetic dentistry. This lecture will explore a vast array of functional esthetic techniques that will help define proven systems for predictable success when designing and completing the comprehensive restorative case.

When providing high-level esthetics, it is paramount that the dentist, laboratory technician, and patient work in a concerted, tri-partisan effort in the identification of esthetic objectives, selection of appropriate materials, and execution of the proper techniques in order to predictably and enjoyably achieve the desired result. Predictable methods to achieve these objectives throughout the diagnostic and treatment phases will be identified.

### Course Objectives:

- The attendee will learn the major components for diagnosing and achieving a successful result in complex esthetic and restorative treatment plans.
- Learn how to effectively and efficiently take precise data that allows the restorative team to diagnose, treatment plan and treat the challenging esthetic and/or functional case.
- Case studies will be presented to illustrate that predictable esthetic dental treatment can and must be combined with sound functional principles for ultimate restorative success.

**About the Speaker: Michael R. Sesemann, DDS**, is a general, cosmetic, comprehensive and restorative dentist who has been in private practice since 1981. He is recognized industrywide for his range of dental skills—but patients know him for his ability to listen and translate their desires and concerns into smiles that are as functional as they are attractive.



In addition to operating a full-time dental practice, Dr. Sesemann is involved in many professional endeavors. He was elected as the 2009-10 president of the American Academy of Cosmetic Dentistry, inducted into the select American Academy of Restorative Dentistry, appointed to the faculties of continuing education institutes and placed on the editorial board of various industry publications. He also lectures on a national and international basis.

Even with these accomplishments, a major source of pride continues to be the dedicated staff that Dr. Sesemann has assembled. Together they work to provide each individual with a positive dental experience that can only be achieved through their shared passion for excellence.

Number of tickets available for \_\_\_\_\_  
of those who have \_\_\_\_\_  
on September 13. To \_\_\_\_\_  
request no later than \_\_\_\_\_  
ticket to Nebraska football \_\_\_\_\_  
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tball tickets this year.

Total Charge

Date \_\_\_\_\_

This 3 hour course reviews recent upgrades and changes in the disciplines of anesthesia and surgery

Following completion of this seminar, participants should gain an understanding of

- \* Bisphosphonates and oral surgery
- \* The latest anticoagulant subplots
- \* Minimally invasive exodontia
- \* To graft or not to graft
- \* Immediate implants
- \* Sedation, with updates on Capnography
- \* What's new in local anesthetics

---

J. Bruce Bavitz, DMD, graduated from the University of Pennsylvania School of Dental Medicine in 1984 and completed his Oral/Maxillofacial Surgery (OMFS) Residency in Pittsburgh in 1988. He is currently the Merritt C. Pederson Professor and Chair of the Department of Surgical Specialties at the University of Nebraska College of Dentistry, and has given multiple CE courses to dentists both nationally and internationally. He has a United States patent on a dental implant aligning device, has completed a five year term as a member of the Oral Surgery/Pain Control test construction section for the National Dental Board. He is currently the coordinating editor for *Practical Reviews in Oral and Maxillofacial Surgery* and serves as a reviewer for multiple implant and oral surgery journals.

Kansas City Marriott Country Club Plaza

4445 Main Street

Kansas City, Missouri 64111

## Weeth Lecture 2014

### Bleaching Techniques

Friday, January 10, 2014

Location: Ross Theater

Credits: 6 CE hrs

Costs: \$185 Dentists (\$160 if also attending *What's New*)

\$105 Auxiliary (\$85 if also attending *What's New*)

(2 additional auxiliaries at \$55 after 1 DDS & 1 auxiliary register from same office)

Registration: 7:45am

Course: 8:15am-4:00pm

Teaching Method: Lecture/discussion

Lunch is **not** included.

#### Speaker:

Dr. Van B. Haywood is Professor in the Department of Oral Rehabilitation, College of Dental medicine, Georgia Regents University. He has lectured in over 30 countries and 30 states.

#### Course Description:

Learn the latest evidence-based data on bleaching as we explore tray, in-office, and OTC bleaching techniques and discuss current knowledge that relates to children and older adults. Treatment for discolorations and tetracycline-stained teeth will be discussed. Additional topics include bonded restorations on lighter teeth, tray fabrication for single dark teeth and internal bleaching.

#### Course Objectives:

After the course, participants will understand

- Bleaching examination components, plus hydrogen and carbamide peroxide differences
- Treatment options for discoloration and nicotine stains
- Treatment for sensitivity using trays and potassium nitrate
- Tray fabrication techniques and indications

## What's New 2014

### Pain: Diagnosis, Management and Treatment

Friday, February 14, 2014

Location: East Campus Union

Credits: 6 CE hrs

Costs: \$185 Dentists (\$160 if also attending *Weeth*)

\$105 Auxiliary (\$85 if also attending *Weeth*)

Registration: 8:00am

Course: 8:15am-3:30pm

Teaching Method: Lecture/discussion

Lunch is included with CE registration

#### Speakers:

College of Dentistry faculty: Drs. Larry Crouch, Fahd Alsalleeh, and David Shaw

College of Medicine faculty: Dr. Sam Pate

#### Course Description:

An overview of pain physiology, pharmacological management of pain and differential diagnosis of pulpal-related and sinus-related pain will be discussed. Common symptoms of acute sinusitis, include facial pain and pressure, will be compared and differentiated from pain originating in teeth.

#### Course Objectives:

After the course, participants will understand

- Physiological pathways of pain
- Oral analgesics-useful pharmacology for dental providers
- Differentiation of pulpal and facial pain
- What's new in evidence-based endodontic treatment options for emergency relief of pulpal—and periapical-related pain

## Diagnosis and Restoration of the Dental Wear Patient

Thursday & Friday, May 8-9, 2014

Location: College of Dentistry

Credits: 16CE hrs

Costs: \$975

Registration: 7:45am

Course: 8:15am-4:00pm

Speaker: Dr. Paul Hansen

Teaching Method: Lecture/Discussion/Hands on Training

**Course:** This course will discuss the etiology of the loss of tooth structure by non-carious means. This will include attrition, erosion, and abrasion. Concentration will be on the evaluation of the attrition and bruxism patients. There will be a hands on section for the course which will include making accurate alginate impressions and the mounting of the casts for evaluation. Participants can supply their own articulator or a Denar articulator will be provided with a facebow. Participants will make impressions of each other and using a deprogramming device will make a centric relation record, and mount the casts. Lateral records will be made and the articulator programmed. Participants will then evaluate the interocclusal contacts and equilibrate the casts. Because of the hands on portion, attendance will be limited to 12. Dental Auxiliaries are welcome if accompanied by a dentist. Clinic and lab space will be at the University of Nebraska south clinic.

This course is excellent for those wishing participation credit for AGD masterships.

#### Objectives:

After the course, participants will understand

- The criteria for an ideal occlusion and clinically acceptable variations as well as parameters for determining interocclusal records
- The evaluation of wear patterns
- Fabrication of provisional restorations to establish interocclusal relationships
- Differences in resistance and strength of restorative materials for full mouth reconstruction

**SAVE THE DATE: THURSDAY, JANUARY 8, 2015**

**DR. BILL ROBBINS: FUNDAMENTALS OF DIAGNOSIS & TREATMENT PLANNING**

Continuing Education  
PO Box 830740  
40th and Holdrege Streets  
Lincoln, NE 68583-0740  
Phone: 402-472-2611  
Fax: 402-472-5290  
E-mail: codce@unmc.edu



## Continuing Dental Education

Register online at: <http://universityofnebraskamedicalcenter-cod.eventbrite.com>  
To request a brochure call 402.472.2611 or email [codce@unmc.edu](mailto:codce@unmc.edu)

### Radiology for Dental Auxiliary

Spring, TBA, 2014\*

**Location:** COD, Lincoln and Gering  
**Instructor:** Shawneen Gonzalez DDS, MS  
**Costs:** \$310/\$360 Gering  
**Course:** 8am-5pm(CST) both days  
**Credits:** 16 hr course  
**Course ID:**  
**Lincoln:** DENT130027  
**Gering:** DENT130028

**Course Objectives:** Upon completion of this course, participants will be able to:

- Identify the specific teeth and other structures that should be recorded in each acceptable periapical and bitewing radiograph.
- Identify basic anatomic landmarks for identifying radiographs.
- Evaluate diagnostic quality of intraoral radiographs.
- Perform intraoral and extraoral radiographic technique on manikins.
- Identify common radiographic errors and how to correct them.

**Participants must have over 200 hrs chair side experience to attend this course**

\*Tentative dates, please see website for final dates.

### Coronal Polishing for Dental Auxiliary

May 13-14, 2014

**Location:** COD, Lincoln and Gering  
**Instructor:** Darlene Carritt, RDH  
**Costs:** \$310Lincoln/\$360 Gering  
**Course:** 8am-4pm(ÇST) both days  
**Credits:** 14 hr course  
**Course ID:**  
**Lincoln:** DENT130029  
**Gering:** DENT130030

**Course Objectives:** Upon completion of this course, participants will be able to:

- Recognize dental anatomy and physiology of the hard and soft tissues of the deciduous and permanent oral facial complex.
- Understand the correct management of the hard/soft tissues during coronal polishing procedures.
- Identify universal precautions and infection control.
- Perform laboratory exercises utilizing manikins.
- Apply indications and contraindications for coronal polishing, armamentarium, and principles of polishing agents.

**Participants must have over 1500 hrs chair side experience to attend this course**

Both courses comply with the Statutes, Rules and Regulations approved by the NE State Board of Dental Examiners.

The University of Nebraska Medical Center College of Dentistry Office of Continuing Education is an ADA 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](http://www.ada.org/cerp)



Friday, August 24th  
 Yankee Hill Country Club  
 7600 San Mateo Lane  
 Lincoln, Nebraska  
 Credits: 3 CE hrs  
 Registration: 7:30am  
 Course: 8:00am-11:30am  
 Costs:  
 CE only fee: \$135 Dentists,  
 \$75 Auxiliary—includes lunch  
 Golf Fee: \$75 -includes 18 holes, cart,  
 range balls  
 CE and Golf: \$180 Dentists,  
 \$125 Auxiliary  
 Course IDs:  
 DENT120010 CE only—Dentists  
 DENT120011 CE &Golf—Dentists  
 DENT120012 Golf only—All  
 DENT120013 CE only—Aux.  
 DENT120014 CE & Golf—Aux.

**Speaker:** Brian Chang, DDS,  
 was a tenured faculty at UNMC COD,  
 serving as an endowed chair and director  
 of the implant program.

**"Treatment considerations for fully edentulous  
 maxilla: dental implants" (1.5CEU)**

**Objectives:**

- Understand treatment options for the fully edentulous maxilla
- Understand "Eight Factors" for successful clinical/biological outcome
- Understand the failure and its solution
- Understand Digital Implant Dentistry

**"What is the controversy on all ceramic and digital dentistry?" (1.5CEU)**

**Objectives:**

- Understand New Ceramic Materials and indications
- Understand what may cause failures of all ceramic restoration
- Understand Clinical Application and Limitation of Digital Technologies/Devices
  - A. CAD/CAM and Intraoral Imaging
  - B. Digital Impression System
  - C. Digital Shade Matching

For more information on courses or to register online [www.unmc.edu/dentistry](http://www.unmc.edu/dentistry)  
 To register by phone please call toll free 1-866-700-4747 Ext.#4

Please e-mail Dr. Ameku ([yameku@unmc.edu](mailto:yameku@unmc.edu)) if you would like to golf at Quarry Oaks on Saturday, August 25.  
 (Green fees: \$75)

2012

# Golf & Learn '13

Hole	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
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**The mouth and the body:  
 when, how and why does osteoporosis matter to the practicing dentist**

Par	3	3	4	5	3	3	4	4	3	4	2	3	4	5	2	3	3	3
-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**Course Info:** This course discusses oral-systemic links with a focus on the relationship between osteoporosis and oral cavity since a number of possible interactions exist between the jaw bones and systemic bone activity.

**Course Objectives:** Upon completion of this course, participants will be able to:  
 \* Understand the strength of interaction between systemic osteoporosis and the oral cavity and how the interactions affect clinical practice.

For more information please see our website:

Friday, August 9, 2013

Quarry Oaks Golf Club

16600 Quarry Oaks Dr.  
 Ashland, Nebraska



# College of Dentistry Continuing Dental Education

## Golf and Learn 2012 at Yankee Hill Country Club, Lincoln, NE



For more information on courses or to register online

[www.unmc.edu/dentistry](http://www.unmc.edu/dentistry)

To register by phone please call toll free

1-866-700-4747 Ext.#4

### Inside this Issue:

Medical Emergency Management in a Dental Office	2
Cardiovascular Diseases and Dentistry	2
Virtual Treatment Planning for Dental Implants	2
Patient Expectations, Digital Dentistry & Contemporary Dental Implants	2
Weeth 2013	3
What's New 2013	3
General Information	4

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 Costs:  
 CE only fee: \$135 Dentists,  
 \$75 Auxiliary - includes lunch  
 Golf Fee: \$75 - includes 18  
 holes, cart, range balls  
 CE and Golf: \$180 Dentists,  
 \$125 Auxiliary  
 Course IDs:  
 DENT120010 CE only - Dentists  
 DENT120011 CE & Golf - Dentists  
 DENT120012 Golf only - All  
 DENT120013 CE only - Aux.  
 DENT120014 CE & Golf - Aux.

**Speaker:** Brian Chang, DDS, was a tenured faculty at UNMC COD, serving as an endowed chair and director of the implant program.  
**Teaching method:** Lecture/discussion

**Treatment consideration for the fully edentulous maxilla with dental implants**  
 A patient with an edentulous maxilla presents a significant challenge as regards rehabilitation options. This presentation is to discuss important clinical and biological factors on implant-supported maxillary removable/fixed prosthesis and prosthetic design.

#### Objectives:

- Understand treatment options for the fully edentulous maxilla
- Understand "Eight Factors" for successful clinical/biological evaluation
- Understand the failure and its solution
- Understand Digital Implant Dentistry

#### What is the controversy on all ceramic and digital dentistry?

This presentation is to discuss the treatment planning and risk factors of esthetic all ceramic restorations and current concepts of digital dentistry. It is intended to provide a practical view of esthetics and digital dentistry based on evidence and cases, and integration of new technologies/digital instruments from which clinicians can benefit.

#### Objectives:

- Understand New Ceramic Materials and indications
- Understand what may cause failures of all ceramic restorations
- Understand Clinical Application and Limitation of Digital Technologies/Devices
  - A. CAD/CAM and Intraoral Imaging
  - B. Digital Impression Systems
  - C. Digital Shade Matching

### Radiology for Dental Auxiliary December 17-18, 2012 \* May 6-7, 2013\*

**Location:** COD, Lincoln and Gering  
**Instructor:** Shawneen Gonzalez DDS, MS  
**Costs:** \$300/\$350 Gering  
**Course:** 8am-5pm(CST) both days  
**Credits:** 16 hr course  
**Course ID:**  
**December :** DENT120027 Lincoln  
 DENT120028 Gering  
**May:** DENT120029 Lincoln  
 DENT120030 Gering  
**Educational Objectives:** Upon completion of this course, participants will be able to:

- Recognize the geometric relationships of the radiation source, film and anatomical structures.
- Identify the specific teeth and other structures that should be recorded in each acceptable periapical and bitewing radiograph.
- Identify basic anatomic landmarks for identifying radiographs.
- Apply the image shift principles.
- Evaluate intraoral radiographs.

**Participants must have over 200 hrs chair side experience to attend this course**

### Coronal Polishing for Dental Auxiliary July 9-10, 2013 \*

**Location:** COD, Lincoln and Gering  
**Instructor:** Darlene Carritt, RDH  
**Costs:** \$300Lincoln/\$350 Gering  
**Course:** 8am-4pm(CST) both days  
**Credits:** 14 hr course  
**Course ID:**  
**Lincoln:** DENT120031  
**Gering:** DENT120032  
**Course Objectives:** Upon completion of this course, participants will be able to:

- Recognize dental anatomy and physiology of the hard and soft tissues of the deciduous and permanent oral facial complex.
- Understand the correct management of the hard/soft tissues during coronal polishing procedures.
- Identify universal precautions and infection control.
- Perform laboratory exercises utilizing manikins.
- Apply indications and contraindications for coronal polishing, armamentarium, and principles of polishing agents.

**Participants must have over 1500 hrs chair side experience to attend this course**

Both courses comply with the Statutes, Rules and Regulations approved by the NE State Board of Dental Examiners.  
 \*Tentative dates, please see website for final dates.

## Nebraska vs Wisconsin Medical Emergency Management in a Dental Office

Friday, September 28, 2012

Location: College of Dentistry

Credits: 3 CE hrs

Costs: \$120 Dentists, \$60 Aux.

Course: 10:00am-1:15pm

Course ID:

DENT120015 Dentists

DENT120016 Auxiliary

Teaching Method: Lecture/discussion

**Speaker:** Joseph Best, DDS, PhD, received his DDS from Marquette Univ. School of Dentistry and his PhD in

pharmacology and certificate in Oral and Maxillofacial Surgery from Univ. of Rochester Eastman Dept. of Dentistry.

### Course description:

This course is a comprehensive review of medical emergency management in the dental office. The intention of this course is to provide participants with practical information regarding office preparation, equipment and management of common medical emergencies.

### Course objectives:

After course, the participant will

- Understand how to set up a basic emergency kit for a dental office and use the equipment and medications in such a kit
- Understand how to recognize the signs and symptoms of common medical emergencies
- Understand how to manage the most common medical emergencies in the dental office

## Nebraska vs Michigan Cardiovascular Diseases and Dentistry

Friday, October 26, 2012

Location: College of Dentistry

Credits: 3 CE hrs

Costs: \$120 Dentists, \$60 Aux.

Course: 10:00am-1:15pm

Course ID:

DENT120017 Dentists

DENT120018 Auxiliary

Teaching Method: Lecture/discussion

**Speaker:** John P. Gobettii, DDS, MS, obtained his DDS and MS degree in

Oral Diagnosis/Radiology from the Univ. of Michigan School of Dentistry and is board certified in Oral Medicine.

### Course description:

Cardiovascular diseases including their etiology, signs, symptoms and drug therapies will be covered. Dental management of the cardiovascular disease patient will be discussed with extensive case examples.

### Course objectives:

After course, the participant will

- know etiology, signs, symptoms, and significance of cv disease
- know medical drug groups used in cv disease treatment & their dental ramifications
- better understand how to safely manage/treat cv patients in a dental office

## Nebraska vs Penn State Virtual Treatment Planning for Dental Implants

Friday, November 9, 2012

Location: College of Dentistry

Credits: 3 CE hrs

Costs: \$120 Dentists, \$60 Aux.

Course: 10:00am-1:15pm

Course ID:

DENT120019 Dentists

DENT120020 Auxiliary

Teaching Method: Lecture/discussion

**Speaker:** Omaid Ahmad, BDS, MSc, FACP is multi-specialty trained: Board Certified Prosthodontist, Maxillofacial Prosthodontist/Dental Oncologist and an Oral and Maxillofacial Radiologist.

### Course description:

The use of different software and its role in implant treatment planning and maxillofacial rehabilitation will be dis-

cussed from diagnosis to fabrication of prosthesis.

### Course objectives:

After course, the participant will

- Understand the basics of dental implant treatment
- Understand various implant software
- Recognize the role of technology in effective implant treatment

## Nebraska vs Minnesota Patient Expectations, Digital Dentistry & Contemporary Dental Implants

Friday, November 16, 2012

Location: College of Dentistry

Credits: 3 CE hrs

Costs: \$120 Dentists, \$60 Aux.

Course: 10:00am-1:15pm

Course ID:

DENT120021 Dentists

DENT120022 Auxiliary

Teaching Method: Lecture/discussion

**Speaker:** Paul Olin, DDS, MS, received his DDS, Prosthodontics Certificate and Masters Degree from The University of Iowa College of Dentistry.

He currently directs the Implant Program at the Univ. of Minnesota and the Postgraduate Continuing Education program in Contemporary and Esthetic Dentistry.

### Course description:

Meeting patient expectations can sometimes be a frustrating battle. Helping to understand the perspectives between the dentist and the patient is important and can make providing care much more satisfying. Digital Dentistry is changing prosthetics from impres-

sions to dentures. Anterior esthetic implants will be discussed from what we thought we knew to what we now know.

### Course objectives:

After course, the participant will

- Understand differences in patients' vs. dentists' esthetic perspectives
- Find ways to improve communication between patient and dentist
- Become acquainted with various digital procedures
- Better understand implant esthetics
- Improve treatment planning options



## Weeth Lecture 2013

### Fire in the Hole

Friday, January 4, 2013

Location: Ross Theater

Credits: 6 CE hrs

Costs: \$175 Dentists (\$150 if also attending *What's New*)

\$100 Auxiliary (\$75 if also attending *What's New*)

Registration: 7:45am

Course: 8:15am-4:00pm

Course ID: DENT120023 Dentist

DENT120024 Auxiliary

Teaching Method: Lecture/discussion

Lunch is not included.

#### Speaker:

Dr. Douglas Damm, Professor of Oral Pathology at the University of Kentucky College of Dentistry in Lexington, KY, received his DDS and Certificate in Oral Pathology from Louisiana State University School of Dentistry.

#### Course Descriptions:

Course concentrates on various patterns of acute and chronic oral ulcerations and erosions. Discussions are presented in a format to ensure easy utilization of the information. Clinical features, differential diagnosis, definitive diagnosis, appropriate therapy and prognosis will be presented for disorders.

#### Course Objectives:

After the course, participants will

- Appropriately classify symptomatic oral ulcerations and erosions
- Formulate an accurate differential diagnosis and arrive at an accurate definitive diagnosis of acute and chronic oral ulcerations and erosions
- Appropriately manage and understand the long-term outlook for patients with acute and chronic oral ulcerations and erosions



## What's New 2013



### Head and Neck Cancer for General Dentists Cone Beam Technology & its Dental Applications

Friday, February 8, 2013

Location: East Campus Union

Credits: 6 CE hrs

Costs: \$175 Dentists (\$150 if also attending *Weeth*)

\$100 Auxiliary (\$75 if also attending *Weeth*)

Registration: 8:00am

Course: 8:30am-4:30pm

Course ID: DENT120025 Dentists

DENT120026 Auxiliary

Teaching Method: Lecture/discussion

Lunch is not included.

#### Speakers:

William Lydiatt, MD, received his training in head and neck surgery at UNMC and completed a fellowship in head and neck oncologic surgery at Memorial Sloan-Kettering Cancer Center. Dr. Shawneen Gonzalez received her DDS from Univ. of Washington School of Dentistry and MS in maxillofacial radiology at The Univ. of Iowa.

Dr. Gayle Reardon received her DDS from Univ. of Minnesota School of Dentistry and MS in maxillofacial radiology at The Univ. of Iowa.

#### Course Descriptions:

An overview of diagnosis and treatment of neoplasms of the head and neck region will be presented.

An overview of cone beam computed tomography and its dental applications will be discussed by case presentations of common disease processes.

#### Course Objectives:

After the course, participants will

- Identify lesions of concern in the oral cavity
- Review biopsy/treatment options for head and neck lesions
- Understand basic CT anatomy and technology
- Understand application of CT use on TMJ/implants

## Soft Tissue Diode Laser

Friday, April 5, 2013

Speaker: Dr. Alan Swett

Teaching Method: Lecture/Discussion/Participation

**Course and Objectives:** This course will provide an overview of laser technology, soft tissue applications, purchasing decisions and clinical case presentations. Participants will have the opportunity to perform simulated laser procedures during the course.

Minimum number of registrants required. Please see website for additional details.





UNIVERSITY OF NEBRASKA MEDICAL CENTER [unmc.edu](http://unmc.edu)

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UNL

College of Dentistry  
Continuing Education  
PO Box 830740  
40th and Holdrege Streets  
Lincoln, NE 68583-0740  
Phone: 402-472-2611  
Fax: 402-472-5290  
E-mail: [codce@unmc.edu](mailto:codce@unmc.edu)



## Continuing Dental Education

### General Information

**Registration:**

Registration will close **3 days** prior to ALL course dates. Registration will **not** be processed until payment is received by Office of Online and Distance Education. After the registration deadline, please contact the CE office to see if space is available (402-472-2611). We reserve the right to limit the number of participants and to cancel any course. Confirmation letters are generally sent two weeks prior to the course. If registration and payment were sent at least two weeks prior to the course and no confirmation letter is received, please contact Office of Online and Distance Education to verify that your registration reached the office (866) 700-4747 ext #4.

**CE credits in Nebraska and Iowa****Cancellations:**

Participants cancelling their registrations will receive a refund minus a \$25 processing fee. Notice of cancellation must be made prior to the course by calling Office of Online and Distance Education at (866) 700-4747 ext #4.

**NO REFUNDS WILL BE MADE AFTER THE COURSE BEGINS.**

**Locations:**

Yankee Hill Country Club is located at 7600 San Mateo Lane, Lincoln, NE. The College of Dentistry and East Campus Union are located at 40th and Holdrege Streets on UNL East Campus.

Mary Riepma Ross Theater is located at 313 N 13th St. in Lincoln.

UNMC West Division Dental Hygiene Program Site, 955 East Country Club Road Gering, NE.

**Parking:**

Parking is only complimentary for courses held on East Campus.

**Questions:**

UNMC College of Dentistry  
Continuing Education  
Phone: 402-472-2611

E-mail: [codce@unmc.edu](mailto:codce@unmc.edu)

Contact: Connie Whitson

*For additional information on courses and speakers please visit [www.unmc.edu/dentistry](http://www.unmc.edu/dentistry).*

**Recognition:**

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The College is a member of the American Dental Education Association and the Association for Continuing Dental Education. Academy of General Dentistry credit is available.

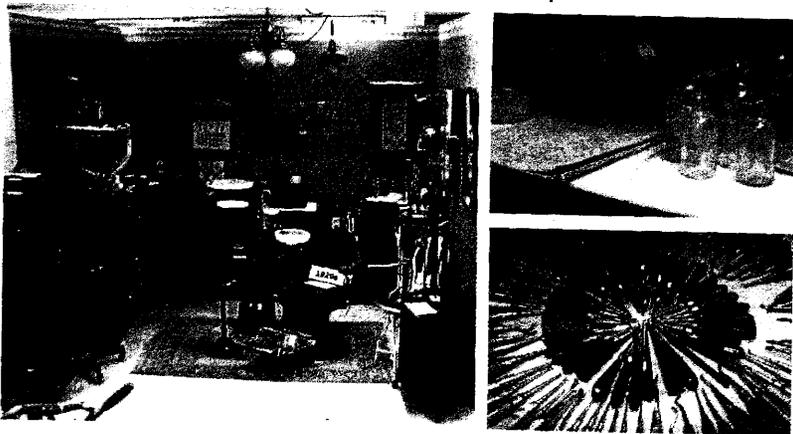


# Dental Museum

Open All Week: September 10-15

## HOURS

Monday, Thursday, & Friday: 8:00 a.m. - 5:00 p.m.  
Tuesday & Wednesday: 8:00 a.m. - 9:00 p.m.  
Saturday: 8:00 a.m. - 12:00 p.m.



Several historical offices from the 1850s to the 1930s are on display, including a laboratory from the early 1900s. Thousands of dental artifacts will also be featured at the College of Dentistry's Dental Museum. Dr. Stanton D. Harn, the museum's curator, will be available to answer your questions.

## General Information for Continuing Education

**Registration:** Registration and payment are suggested for ALL courses two weeks prior to the course. If you have not registered, please call Extended Education to see if space is available.

We reserve the right to limit the number of participants and to cancel any course. Confirmation letters are generally sent two weeks prior to the course. If registration was sent at least two weeks prior to the course and no confirmation letter is received, please contact Extended Education to verify that your registration reached the office at (402) 472-2175 (locally) or call toll free 1-866-700-4747.

**CE Credit/Record Keeping:** CE attendance certificates will be provided only for those participants completing a CE verification card at the conclusion of the programs. CE credit hours will be adjusted as appropriate for actual attendance.

**Cancellation:** Participants canceling their registration will receive a refund minus a \$25 processing fee. Notice of cancellation must be made prior to the course.  
**NO REFUNDS WILL BE MADE AFTER THE COURSE BEGINS.**

**Recognition:** The University of Nebraska Medical Center College of Dentistry Office of Continuing Education is an ADA CERP recognized provider. The college is a member of the American Dental Education Association and the Association for Continuing Dental Education. Academy of General Dentistry credit is available.



UNIVERSITY OF NEBRASKA MEDICAL CENTER unmc.edu

# Dental Reunion 2012

September 14 & 15  
Lincoln, Nebraska

## Continuing Education Pregame Festivities Big Red vs Arkansas State Tour the Dental Museum

The Dental Museum will be open for tours during this year's Dental Reunion. There will also be student-guided tours of the college. See you in September!

C.E. Registration: (402) 472-2175  
or (866) 700-4747

C.E. Coordinator/Info: (402) 472-2611

Hotel Reservation: (402) 474-1111

General Info: (402) 472-1344

[www.unmc.edu/dentistry](http://www.unmc.edu/dentistry)



**Hotel Accommodations:** A block of hotel rooms has been reserved for the College of Dentistry alumni on a first-come, first-served basis at the Embassy Suites, 10th & P Streets, (402) 474-1111. Rooms in this block are limited to a maximum of two rooms per registration. Please indicate that you are with the UNMC Dentistry Alumni when you are making your reservations.

College of Dentistry  
Alumni Association

DENTAL REUNION 2012

# Schedule

Continuing Education,  
Luncheon, & Dinner  
Embassy Suites,  
1040 P Street

# Continuing Education

Eric Fung, PhD

unmc.edu/dentistry  
Continuing Education  
700-4747 • 8-5 CST

## Friday, September 14

- 8:00-8:30 a.m. Registration & Continental Breakfast
- 8:30-10:00 a.m. Continuing Education
- 10:00-10:15 a.m. Break
- 10:15-11:45 a.m. Continuing Education
- 12:00 p.m. Dan Kendig  
Head Coach Women's Gymnastics  
University of Nebraska Athletics
- 2:00-4:00 p.m. Student-guided Tours of the College
- 5:00-6:00 p.m. Cocktail Hour (cash bar)
- 6:00-7:00 p.m. Dinner
- 7:00-8:00 p.m. Awards & Recognition

**Honor Classes: 1947, 1952, 1957, 1962, 1972, 1982, 1987, 1992, 2002, & 2007. Commemorative pins will be presented to the classes of 1952, 1962, and 1987.**

## Saturday, September 15

Pregame Festivities / Tour the College / Museum  
College of Dentistry, 40th & Holdrege Streets

- Pregame Festivities: 8:00 a.m. - 10:00 a.m.
- Student-guided tours of the College of Dentistry
- Dental Museum is open to the public
- Kickoff! Nebraska vs. Arkansas St. at Memorial Stadium!

**Please note: There will be no bus or van transportation provided for any of the alumni homecoming reunion events.**

**ADA C.E.R.P.**® | Continuing Education  
Recognition Program

UNMC College of Dentistry is an ADA 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 operate on or endorse individual courses or instructors, nor does it imply acceptance or credit hours by boards of dentistry.

This event is sponsored by the UNMC College of Dentistry Alumni Association under the umbrella of the UNMC Alumni Association.

## Importance of Dietary Supplements in Dental Practice

**Course Description:** The majority of adults in the United States takes one or more dietary supplements either every day or occasionally to improve health and to reduce symptoms of disease. Dietary supplements include vitamins, minerals, herbals, amino acids, enzymes and many other products. Consumption of dietary supplements greatly increased since their classification under the Dietary Supplement Health and Education Act of 1994. Currently, there is limited information on potential herb-drug interactions. It is important for the dental practitioner to ask patients, besides prescription and OTC drugs, if they are taking any type of nutraceuticals. In addition, the dental practitioners need to be aware of the potential side effects, in particular the anticoagulant effects, of some supplements. This seminar is intended to provide detailed information about some popular herbs, such as red yeast rice, St. John's wort, ginkgo biloba, echinacea, chamomile, ginseng, saw palmetto, don quai, kava, ginger, and tea. The importance of several dietary supplements, which include vitamin C, vitamin D, vitamin E, calcium, coenzyme Q10, omega-3 fatty acids and glucosamine-chondroitin in health maintenance, will be presented.

This is an evidence-based presentation and will address the findings of current research and its implications. Major emphasis on dietary supplements will address their indications, efficacy, side effects, and potential drug interactions of concern in routine dental practice.



**About the Speaker: Dr. Eric Fung, Ph.D.,** is a professor of pharmacology in the UNMC College of Dentistry's Department of Oral Biology. Dr. Fung received his B.Sc. in chemistry (*summa cum laude*) from the University of Wisconsin and his Ph.D. in pharmacology from The Ohio State University, Columbus, Ohio. He has been a faculty member at the dental college for 28 years and received several teaching recognition honors, including the prestigious UNMC campus-wide, outstanding teaching award. His research activities include determining the role of mercury in neurodegenerative disorders, the effects of nicotine on central dopaminergic and GABAergic neuronal systems, the effects of nicotine on bone remodeling, and the pharmacokinetics of bisphenol A released from dental sealants in humans. His research has been highlighted in the *American Dental Association News* and *New York Times*, along with 71 manuscripts and 30 abstracts published in peer-reviewed journals. Dr. Fung is the principal investigator and co-investigator in research funding exceeding two million dollars and a speaker in the American Dental Association CELL Seminar Series.

Class Year \_\_\_\_\_

Home  Business

Home  Business

#	Cost	Subtotal
___ x \$125 =		___
___ x \$80 =		___
___ x \$0 =		0
___ x \$25 =		___
___ x \$42 =		___
___ x \$0 =		0
___ x \$55 =		___

Total Charge

Exp. Date \_\_\_\_\_

Date \_\_\_\_\_

Number of tickets available for selected names of those who confirmations on August 24. To ticket request no later than ticket to Nebraska football association, and 4) Participation may be waived for s are limited to two per ife members of the Nebraska ni Association (where we ls purchasing the tickets f you are *only a member of* d to join the Nebraska r football tickets this year. rn completed form to: Dental et, Lincoln, NE 68588-8400. 175.

# Registration

[www.unmc.edu/dentistry](http://www.unmc.edu/dentistry)  
**Follow the Link to Continuing Education**  
**866-700-4747 • 8-5 CST**

Name \_\_\_\_\_ Class Year \_\_\_\_\_  
 Address \_\_\_\_\_  Home  Business  
 City/State/Zip \_\_\_\_\_  
 Daytime Phone \_\_\_\_\_  Home  Business  
 E-mail \_\_\_\_\_  
 Name(s) of Guests/Staff and Events: \_\_\_\_\_

Friday, September 14	#	Cost	Subtotal
Continuing Education (3 CE hrs.)			
Dentists	___	x \$125 =	___
Auxiliary & Dental Hygiene	___	x \$80 =	___
Luncheon: Dan Kendig, Head Coach Women's Gymnastics (No Charge for CE attendees)	___	x \$0 =	0
Luncheon Guests (Limited Seats Available)	___	x \$25 =	___
Dinner Banquet (Registration Required)	___	x \$42 =	___

Saturday, September 15	#	Cost	Subtotal
Pre-game Festivities	___	x \$0 =	0
Football Tickets: NU vs Arkansas St. (Limit Two)*	___	x \$55 =	___

**Credit Card Information**  
 MasterCard  Visa  American Express **Total Charge**   
 Credit Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_  
 Signature \_\_\_\_\_ Date \_\_\_\_\_

**\*FOOTBALL TICKET ELIGIBILITY:** There are a limited number of tickets available for the Nebraska versus Arkansas State game. Randomly selected names of those who have requested tickets by the due date will be mailed confirmations on August 24. To be eligible for tickets this year you must 1) Return your ticket request no later than Friday, August 17, 2012; 2) Not currently have a season ticket to Nebraska football games; 3) Be a paid member of the Nebraska Alumni Association, and 4) Participate in both the CE seminar and the Friday banquet (CE participation may be waived for life members of the Nebraska Alumni Association. Tickets are limited to two per family. Ticket allocation is by lottery. Priority is given to life members of the Nebraska Alumni Association. **PLEASE NOTE:** The Nebraska Alumni Association (where we acquire the football tickets) is requiring that all individuals purchasing the tickets must be members of the Nebraska Alumni Association. If you are *only a member* of the College of Dentistry Alumni Association, you will need to join the Nebraska Alumni Association in order to meet the requirements for football tickets this year. Make checks payable to **EXTENDED EDUCATION**. Return completed form to: Dental Alumni Reunion, c/o Extended Education, 2100 Vine Street, Lincoln, NE 68588-8400. Phone: Toll free at 1-866-700-4747 or locally, (402) 472-2175.

# Schedule

**Continuing Education,  
 Luncheon, & Dinner  
 Embassy Suites,  
 1040 P Street**

## Friday, September 14

- 8:00-8:30 a.m. Registration & Continental Breakfast
- 8:30-10:00 a.m. Continuing Education
- 10:00-10:15 a.m. Break
- 10:15-11:45 a.m. Continuing Education
- 12:00 p.m. Dan Kendig  
    Head Coach Women's Gymnastics  
    University of Nebraska Athletics
- 2:00-4:00 p.m. Student-guided Tours of the College
- 5:00-6:00 p.m. Cocktail Hour (cash bar)
- 6:00-7:00 p.m. Dinner
- 7:00-8:00 p.m. Awards & Recognition

**Honor Classes: 1947, 1952, 1957, 1962, 1972, 1982, 1987, 1992, 2002, & 2007. Commemorative pins will be presented to the classes of 1952, 1962, and 1987.**

## Saturday, September 15

Pregame Festivities / Tour the College / Museum  
 College of Dentistry, 40th & Holdrege Streets

- Pregame Festivities: 8:00 a.m. - 10:00 a.m.
- Student-guided tours of the College of Dentistry
- Dental Museum is open to the public
- Kickoff! Nebraska vs. Arkansas St. at Memorial Stadium!

**Please note: There will be no bus or van transportation provided for any of the alumni homecoming reunion events.**

**ADA C.E.R.P.**® | Continuing Education  
 Recognition Program

UNMC College of Dentistry is an ADA 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.

**This event is sponsored by the UNMC College of Dentistry Alumni Association under the umbrella of the UNMC Alumni Association.**

# Continu

## Impo Suppleme

**Course Description:** T or more dietary supplerr health and to reduce syr vitamins, minerals, herb ucts. Consumption of di classification under the 1994. Currently, there is interactions. It is import besides prescription anc nutraceuticals. In additi potential side effects, in supplements. This semin some popular herbs, suc echinacea, chamomile, c tea. The importance of s C, vitamin D, vitamin E, glucosamine-chondroitin

This is an evidence-base current research and its ments will address their drug interactions of con

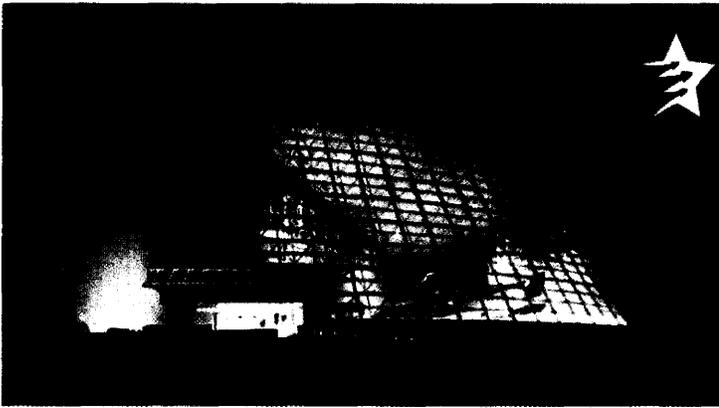


**About**  
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prestigious UNMC camp activities include determ disorders, the effects of neuronal systems, the ef pharmacokinetics of bisj His research has been h and *New York Times*, alc in peer-reviewed journal: investigator in research in the American Dental



## Endo/Path/Pros Restorations/Perio Inflammation



**Location: SAC Museum Ashland, NE  
28210 West Park Highway**

**Friday, January 18, 2013**

**Registration 8:00am – 8:30am**

**Course: 8:30am - 4:00pm**

**Course Fee: \$175**

**Total CE Credit: 6 hours**

**Teaching Format: Lecture/Discussion**

### **Course Descriptions**

#### **Gingival Pathology in a Dental Office**

A case based discussion of differential diagnosis and management of common and challenging pathologies affecting the gingiva in a dental office including lichen planus, leukoplakia, carcinoma, herpetic and aphthous ulcers will be presented.

**Speaker:** Dr. Nagamani Narayana is an associate professor in Oral Pathology at UNMC College of Dentistry. She is dually trained in Oral Medicine and Oral and Maxillofacial Pathology. She is a diplomate of the American Academy of Oral Medicine and American Academy of Oral Pathology.

#### **Risk Factors for Periodontal Disease: An Update on Inflammation**

An up-to-date discussion about the current concepts regarding risk factors for inflammatory periodontal disease. This presentation will include the topics of obesity, gender, genetics, socioeconomic background and inflammatory systemic disease.

**Speaker:** Dr. Amy Killeen is an Assistant Professor in Periodontics at UNMC College of Dentistry. She is a member of the American Academy of Periodontology, the Academy of Osseointegration and a Diplomate of the American Board of Periodontology.

### **Course Objectives**

At the completion of this course participants will be able to:

1. Evaluate gingival pathology and develop a differential diagnosis and treatment plan.
2. Identify risk factors for gingival inflammation.
3. Be able to confidently diagnose and treatment plan for endodontic success in the general dental practice.
4. Be able to restore an endodontically treated tooth to serve as an adequate core for a fixed restoration.

### **Confident Endodontic Case Selection:**

#### **Why are you referring?**

This course will include a clinical discussion of endodontic treatment philosophy and when it makes sense to do the endodontic treatment yourself and when to refer. Included in the discussion will be overview of endodontics including diagnosis, root canal anatomy, treatment options, patient evaluation and case selection. Numerous clinical cases will be shown and discussed.

**Speaker:** Dr. Thomas J. Beeson, DDS is a 1983 graduate of UNMC College of Dentistry, received his Endodontic Certificate in 1996 from Virginia Commonwealth University and is a Diplomate of the American Board of Endodontics. He completed his 22 year AF career in 2006 as the Chief Military Consultant to the USAF Surgeon General for Endodontics. He is currently Associate Professor and Chairman of the Creighton University Endodontic Department and also maintains a private practice in Omaha and Grand Island.

### **Restoration of the Endodontically Treated Tooth**

This course will include philosophies, techniques, and materials to restore endodontically treated teeth. Numerous clinical cases will be shown and discussed highlighting the "rules" and factors relevant to successful restoration.

#### **Speaker:**

Dr. Scott DiLorenzo is an Associate Professor of Prosthodontics at the Creighton University School of Dentistry in Omaha, NE. He is a diplomate of the Federal Services Board of General Dentistry, the American Board of General Dentistry, and a Master in the Academy of General Dentistry. He completed a 2-year general dentistry residency at the Wilford Hall U.S.A.F. Medical Center, San Antonio, TX. Dr. DiLorenzo also maintains a private practice in Omaha and is active in dental research centered around dental bonding and restorative materials.

**Weeth Lecture 2013 Friday, Jan 4, 2013**

Course location:  
Mary Riepma Ross Theater  
313 N 13th St.  
Lincoln, NE

Speaker: Dr. Douglas Damm  
Registration: 7:45 am - 8:15 am  
Course: 8:15am - 4:00pm  
Course Fee: \$175 Dentist  
                  \$100 Auxiliary  
Total CE Credit: 6 hours  
Teaching Format: Lecture/Discussion

**What's New 2013 Friday, Feb 8, 2013**

Course location:  
East Campus Union  
Lincoln, NE

Speaker: Drs. William Lydiatt,  
Shawneen Gonzalez & Gayle Reardon  
Registration: 8:00 am - 8:30 am  
Course: 8:30am - 4:30pm  
Course Fee: \$175 Dentist     \$100 Auxiliary  
Total CE Credit: 6 hours  
Teaching Format: Lecture/Discussion

Participants who register for both the Weeth and What's New lectures will be able to register at a discount of \$25.00 per course.  
For complete information check on line: [www.unmc.edu/dentistry](http://www.unmc.edu/dentistry) or call 866/700-4747 to register. Call 402/472-2611 for questions.

**Soft Tissue Diode Laser**

**Friday, April 5, 2013**

Speaker: Dr. Alan Swett

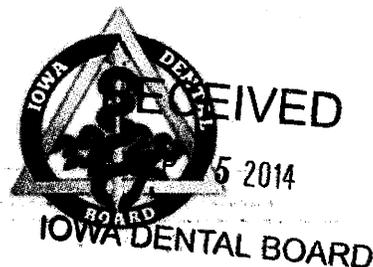
College of Dentistry Lincoln, NE

Teaching Format: Lecture/Discussion/Participation  
Course Fee: \$200 Lecture/Discussion (includes lunch)  
                  \$325 Lecture/Discussion/Hands-on (includes lunch)  
Total CE Credit: 4 hours lecture only 6 hours lecture/hands-on

# CONTINUING EDUCATION SPONSOR RECERTIFICATION APPLICATION

## IOWA DENTAL BOARD

400 S.W. 8<sup>th</sup> Street, Suite D, Des Moines, Iowa 50309-4687  
Ph. (515) 281-5157 <http://www.dentalboard.iowa.gov>



Include the **non-refundable** fee of \$100. Payment may be made by check or money order made payable to the Iowa Dental Board. Complete each question on the application. If not applicable, mark "N/A."

The information provided in the section below will be posted to the website following board approval.

Official Name of Sponsor: <u>Linn County Dental Society</u>		
Contact Person: <u>Joe Lenz</u>		
City: <u>Marion</u>	State: <u>IA</u>	Zip: <u>52302</u>
Phone: <u>319-377-1300</u>	Fax: <u>319-447-6085</u>	
Email: <u>uptowndentaliowa@gmail.com</u>	Website Address:	

### Name of Current Officer(s), Title(s), Address, Phone:

Don Sarasin, President, 335 3<sup>rd</sup> Ave SE, CR, IA 52407 (319) 365-8441  
Shawn Ray, President Elect, 1615 32<sup>nd</sup> St NE, CR, IA 52402 (319) 294-2323  
Joe Lenz, VP, 845 8<sup>th</sup> Ave, Marion, IA 52302 (319) 377-1300  
JT Heying, Secretary, 1700 Plains Ferry Rd, Hiarath, IA 52253 (319) 396-3596  
Brandon Voss, Treasurer

Number of courses offered in 2013: 4

Number of courses offered 2014\*: 4  
\*To date

Average number of attendees: 25

### Education Methods:

- Demonstration
- Discussion
- Lecture
- Participation
- Self-study (e.g. reading, online courses, etc.)
- Other: \_\_\_\_\_

### Course Subject Matter: (check all that apply)

- Clinical Practice
- Risk Management
- OSHA Regulations/Infection Control
- Patient Record Keeping
- Communication
- Other: \_\_\_\_\_

# 7037  
\$100

Name of Sponsor: Linn County Dental Society

List all education programs or courses conducted during the preceding 24-month compliance period. If additional space is needed, please attach a separate listing.

Date:	Course Title:	Instructor:	Location:	CE Hours:
4/8/14	Update in Endodontics: External Resorption	Dr. Manuel Gomez	Cedar Rapids Country Club	1
3/4/14	Update in Dental Pharmacology	Professor Karen Baker	Cedar Rapids Country Club	1
1/10/14	Diagnostic and Management of Mucosal Diseases	Dr. Sherry Timmons	Kirkwood CE Center	3
1/10/14	Everyday Adhesives and Composites	Dr. Marcos Vargas	Kirkwood CE Center	3
10/22/13	Update in Pediatric Dentistry	Dr. Matt Geneser	Cedar Rapids Country Club	1
4/16/13	Rational Approach to Treating Anger	Dr. Howard Green	Cedar Rapids Country Club	1
3/12/13	Medication Update	Pro Cindy March	Cedar Rapids Country Club	1
1/11/13	Emergency Simulation Training for the Dental Office Team		Kirkwood	2
1/10/13			Cedar Center	2

Sponsors must be formally organized and adhere to board rules for planning and providing continuing education. When courses are promoted as approved continuing education courses that do not meet the requirements as defined by the board, the sponsor will be required to refund the registration fee to participants. Sponsors may offer non-credit courses provided participants are informed that no credit will be given. Failure to meet this requirement may result in loss of approved sponsor status. Subjects, which are NOT acceptable for continuing education credit include, but are not limited to: personal development, business aspects of practice, personnel management, government regulations, insurance, collective bargaining, and community service presentations.

I understand and agree to follow the board rules for planning and providing continuing education.

Name of person completing this application: Joe Lenz

Address: 895 8th Avenue, Marion, IA 52326 Phone: 319-377-1322

Signature: [Signature] Date: 9/12/14

Please note: The biennial renewal fee of \$100 must accompany this recertification application.

**IOWA DENTAL BOARD**  
 400 S.W. 8th Street, Suite D  
 Des Moines, IA 50309-4687

## **Proposed Meeting 2015 Dates – Continuing Education Advisory Committee**

- January 13, 2015 – Tuesday                      January 14, 2015 – Wednesday
- March 4, 2015 – Wednesday                      March 6, 2015 – Thursday
- April 14, 2015 – Tuesday                      April 15, 2015 – Wednesday
- June 3, 2015 – Wednesday                      June 4, 2015 – Thursday
- July 14, 2015 – Tuesday                      July 15, 2015 – Wednesday
- September 2, 2015 – Wednesday                      September 3, 2015 – Thursday
- October 13, 2015 – Tuesday                      October 14, 2015 – Wednesday

\*All meeting times would be scheduled to begin at 12:00 p.m.

**Braness, Christel [IDB]**

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**From:** Ryan Riley <ryanlriley@gmail.com>  
**Sent:** Friday, August 22, 2014 9:06 AM  
**To:** Iowa Dental Board [IDB]  
**Subject:** Re: Follow-up

Dear Christel Braness,

Thank you for your response, I truly appreciate it. No worries about the check, I just wanted to follow-up.

Also, I had mailed the sign-in/registration forms for the Des Moines District Dental Society Spring Meeting that was held on February 28, 2014 on March 3, 2014 and was making sure that you have received these. The executive committee is continuing to make improvements in this area.



I greatly appreciate you help and time,  
Ryan Riley

On Thursday, August 21, 2014, Iowa Dental Board [IDB] <[IDB@iowa.gov](mailto:IDB@iowa.gov)> wrote:

The application has been received and the Board has approved the sponsor status.

The checks have not yet been cashed because we have not yet had to process sponsor recertifications in the new database. We are holding the applications/checks until we are sure about how to enter those in the system correctly. I am hoping to get those entered by the end of the month.

Let me know if you have any other questions.

*Christel Braness, Program Planner*

*Iowa Dental Board*

400 SW 8th St., Suite D

Des Moines, IA 50309

Phone: 515-242-6369; Fax: 515-281-7969; [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov)

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**From:** Ryan Riley [mailto:[ryanriley@gmail.com](mailto:ryanriley@gmail.com)]

**Sent:** Thursday, August 21, 2014 7:48 AM

**To:** Iowa Dental Board [IDB]

**Subject:** Follow-up

I am the treasurer of the Des Moines District Dental Society. I had hand delivered the Continuing Education Sponsor Recertification Application on July 3, 2014. I was seeing if you had received this application and if you have any questions. I had not received any information and when reviewing my last checking account statement noted the application fee has not been cashed and wanted to follow-up.

Thank you for your help and time,  
Ryan

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Sent from Gmail Mobile

**Braness, Christel [IDB]**

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**From:** Ryan Riley <ryanriley@gmail.com>  
**Sent:** Friday, September 26, 2014 7:34 AM  
**To:** Iowa Dental Board [IDB]  
**Subject:** Re: Follow-up  
**Attachments:** Des Moines District Dental\_\_ Society Agenda.docx

Dear Christel Braness,

I have attached the agenda for the lecture that we had a question in regards to offering continuing education credit for the upcoming Des Moines District Dental Society meeting. With our review we feel that only 0.5 continuing education credit might qualify and that would be under the HIPAA section. Please let me know if you have any questions or need of any additional information.

Thank you for your help and time with this process,

Ryan Riley

On Thu, Sep 25, 2014 at 3:26 PM, Iowa Dental Board [IDB] <[IDB@iowa.gov](mailto:IDB@iowa.gov)> wrote:

If you could forward it today or tomorrow morning, I could include with the updates we are pushing out tomorrow. It might save time if they have the information now, as opposed to requesting information later.

*Christel Braness, Program Planner*

*Iowa Dental Board*

400 SW 8th St., Suite D

Des Moines, IA 50309

Phone: [515-242-6369](tel:515-242-6369); Fax: [515-281-7969](tel:515-281-7969); [www.dentalboard.iowa.gov](http://www.dentalboard.iowa.gov)

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**From:** Ryan Riley [mailto:[ryanriley@gmail.com](mailto:ryanriley@gmail.com)]  
**Sent:** Thursday, September 25, 2014 3:25 PM

**To:** Iowa Dental Board [IDB]  
**Subject:** Re: Follow-up

**Des Moines District Dental Society**

**AGENDA**

**October 17, 2013**

**8:30-11:30**

8:30-9:00: Adam J. Freed and Catherine C. Cownie: **HIPPA for the Dental Practice.**

Dental practices have come under increasing scrutiny from the U.S. Department of Health and Human Services Office of Civil Rights for alleged HIPPA violations. Learn how to avoid becoming the target of such an investigation.

9:00-9:20 Kelly D. Hamborg: **Real Estate Matters for Dental Practices.**

Learn tips for evaluating your dental facility lease or purchase agreement.

9:20-9:40 Drew D. Larson: **Common Structures for Selling a Dental Practice – Practical Considerations.**

Learn about the basics of stock versus asset sales, due diligence, taxes, and the general steps in the sale process.

9:40-10:00 Robert D. Hodges: **Estate Planning: A Basic Check-Up.**

Take a brief tour of the estate planning environment and learn some common pitfalls to avoid.

10:00-10:10 **BREAK**

10:10-10:30 Bradley R. Kruse: **Avoiding Fraud and Abuse Pitfalls.**

Learn about the identification and avoidance of fraud and abuse practices, RAC Audits and other current trends, and responding to insurance companies and governmental agencies.

10:30-10:50 Alice E. Helle: **The ACA aka "Obamacare" – What You Need to Know Now.**

Learn about the ever-changing legal landscape for the dental profession under the Affordable Care Act.

10:50-11:10 Christopher L. Nuss: **Uncle Sam "Needs" More Cash – Recent Tax Law Changes Affecting You and Your Business.**

We will review a hypothetical situation that highlights why taxes increased from 2012 to 2013 (and into 2014) and various planning points going forward.

11:10-11:30 Haley R. Van Loon: **Social Media.**

Social media has become an ever-present aspect of modern life. Learn how to handle social media in the workplace and avoid common issues.