Practical Approaches
Cemented and Screw-Retained Esthetic Implant Restorations

Presented by: Drs. Chris Barwacz, Clark Stanford, and Ghadeer Thalji
(Hands-On Exercise in the Afternoon)

College of Dentistry, Galagan Auditorium
Sponsored by the Department of Prosthodontics and unrestricted educational grants from Dentsply Implants, Dentsply Caulk, 3M, Kerr Dental

DATE: Friday, November 1, 2013; Registration 7:30 – 8:00 a.m., Program 8:00 a.m. – 4:30 p.m.
LOCATION: College of Dentistry, Galagan Auditorium
CE CREDIT: 7 hours relicensure credit

REGISTRATION DEADLINE IS OCTOBER 18, 2013
November 1, 2013
Sponsored by the Department of Prosthodontics and unrestricted educational grants from Dentsply Implants, Dentsply Caulk, 3M, Kerr Dental

**PROGRAM FACULTY**

**Chris Barwacz, D.D.S.,** Assistant Professor, Department of Prosthodontics and Dows Institute, College of Dentistry, The University of Iowa. Dr. Barwacz received his DDS degree in 2007 from The University of Iowa, College of Dentistry and his AEGD Certificate in 2008 from Baylor College of Dentistry, Texas A&M Health Science Center, and subsequently completed a two-year Astra Tech Implant Fellowship at The University of Iowa. Dr. Barwacz is a member of the Academy of Osseointegration, the Academy of General Dentistry, and the American Dental Association. Dr. Barwacz joined the faculty at the College of Dentistry in July 2008.

**Clark Stanford, D.D.S., Ph.D.,** Associate Dean for Research and Centennial Fund Professor for Clinical Research, Dows Institute for Dental Research and Department of Prosthodontics, College of Dentistry, The University of Iowa. Dr. Stanford holds secondary appointments in the Department of Orthopaedic Surgery and the Department of Biomedical Engineering. He received his DDS (1987), Certificate in Prosthodontics and Ph.D. (Cell Biology; 1992) from The University of Iowa. He joined the College of Dentistry faculty in 1992. He has authored numerous book chapters, published papers, and published research abstracts and he currently serves on multiple national and international committees. He is the recipient of 15 academic awards including the 2007 State of Iowa Regents Award for Faculty Excellence and the IADR Distinguished Scientist Award (2007).

**Ghadeer Thalji, B.D.S., Ph.D., FACP,** Assistant Professor, Department of Prosthodontics, The University of Iowa, College of Dentistry. Dr. Thalji completed her BDS degree at University of Jordan in 2004. She then joined the University of North Carolina at Chapel Hill in 2006, where she received her certificate in Prosthodontics in 2009 and PhD degree in 2012. In 2011, Dr. Thalji became a Diplomate of the American Board of Prosthodontics, and she joined the Department of Prosthodontics at The University of Iowa in 2012, where she participates in teaching both the predoctoral and postdoctoral students.

**PROGRAM SCHEDULE**

**Morning**
7:30 a.m. Registration, College of Dentistry, First Floor
8:00 Program Introduction – Ms. Ryan/Dr. Julie Holloway
8:05 Concepts of Cement and Screw-Retained Implant Restorations – Dr. Ghadeer Thalji
9:00 Peri-Implantitis Cement Associated Risks – Dr. Clark Stanford
10:00 Break
10:30 Abutment Transfer Jigs – Dr. Clark Stanford
11:00 CAD/CAM Abutment Contours – Dr. Chris Barwacz
12:00 N Lunch

**Afternoon**
1:00 p.m. Hands-On CBCT Treatment Planning
2:00 Implant Level Impressions
2:30 Atlantis™ Planning Viewer
3:30 Cementation Approaches
4:30 Adjourn

**PREVIEW OF COURSES**

11/2 (Pregame: Wisconsin) Incorporating Health Literacy and Cultural Sensitivity Into Your Dental Practice – Dr. Michelle McQuistan
11/22 Pharmacotherapeutics – Professor Karen Baker
11/23 To Premedicate or Not to Premedicate – That is the Question and Answers to Challenges in Restorative Dentistry for the Elderly and Compromised Patient – What is the Evidence? – Dr. Howard Cowen

Distance Learning Courses will be held on 2/14, 3/7, and 4/4

**FEES:**
- Dentist $345; Assistant/Hygienist/Technician $225 – All Day
- Dentist $195; Assistant/Hygienist/Technician $95 – Morning Only

**CE CREDIT:** 7 hours relicensure credit

**PLEASE REGISTER BEFORE OCTOBER 18, 2013**
**THE PROGRAM and OBJECTIVES**

Clinicians are often frustrated by the process of implant restorations in which parts are cemented or screw retained. Many of the old complex systems have issues resolved today with computer-assisted design in abutments, allowing lab supporting technicians to provide highly esthetic restorations. Unfortunately, cement-retained implant restorations are reported to lead to elevated failures due to retained cement on the abutment. Yet, the movement today is still implant cementation as the primary approach for crown retention. Occasionally, screw retained, may be an alternative option. This course will blend practical lecture material and hands-on experience with a range of practical approaches to cemented restorations as well as screw retained, when needed. The goal is for the general practitioner to feel comfortable with a range of restorative options, no matter what the clinical situation the practitioner is presented with. In all cases, practical patient-oriented and office-flexible approaches will be provided. This will be a key to grow your practice and ease your life!

**At the completion of the morning portion, participants should be able to understand the:**

- Choices for restoring implants with screw versus cement-retained restorations based on evidence-based risk factors;
- Treatment planning strategies for the use of screw and cement-retained restorations;
- Basic concepts of the prosthetic design for screw and cement-retained restorations;
- Risk associated with inappropriate cementation techniques;
- Tips and techniques used to avoid cement-associated peri-implantitis;
- Appropriate use of abutment/master cast transfers; and
- Design concepts to optimize CAD/CAM abutment contours.

**At the completion of the afternoon portion, participants will have hands-on experience on:**

- The use of CBCT treatment planning Facilitate™ Software to facilitate the use of either cement or screw-retained restorations;
- Implant level impressions with open and closed tray techniques;
- The use of Atlantis™ planning viewer to optimize the CAD/CAM abutment contours; and
- Cementation of implant-supported crowns using the appropriate techniques to avoid cement-associated peri-implantitis risk.

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**PRACTICAL APPROACHES CEMENTED AND SCREW-RETAIRED ESTHETIC IMPLANT RESTORATIONS**

**November 1, 2013**

7-13506-00 13-305-01

(please prepare a separate registration form for each registration)

Dr., Mr., Ms. (please circle) ________________________________________________________________

Name (please print or type) ______________________________________________________________

Address for Credit Card _________________________________________________________________

Street City, State ZIP

DA/DH/CDT: indicate employer’s name if using business address

__________________________________________

(______) ________________________[business phone]

Email address __________________________________________________ (please print clearly)

**PRACTICAL APPROACHES CEMENTED AND SCREW-RETAIRED ESTHETIC IMPLANT RESTORATIONS**

**Football Tickets:** (limit 2/game; 2 @ $142; 1 @ $71)

Iowa vs. Wisconsin (11/2) #________$_________

Only Full Day Registrations eligible to purchase football tickets.

**PLEASE CHECK:**

☐ **All Day:** Dentist $345  ☐ Assistant/Hygienist/Technician $225

☐ **AM Only:** Dentist $195  ☐ Assistant/Hygienist/Technician $95

☐ Do not enroll if football tickets are not available

☐ CHARGE TO MY ACCOUNT

(Note $10 minimum)

____ MasterCard     _____ VISA     _____ Discover

ACCOUNT NUMBER (list ALL numbers on the card) SECURITY CODE

(_________)

Enclosed is a check payable to Center for Conferences, for $________ U.S. dollars

Please return this form, with your check, to The Center for Conferences, The University of Iowa, 250 Continuing Education Facility, Iowa City, Iowa 52242-0907 or fax to (319) 335-4039.
The College of Dentistry and the Center for Conferences will make every reasonable effort to assure that requested continuing education programs are provided, but assumes no liability for failure to deliver beyond the refunding of any fees paid to The University of Iowa. The University of Iowa reserves the right to limit registration to the size of the available classroom or clinical space. Sponsorship of this course does not imply subject matter, product or technical endorsement. This material is offered to the profession for educational and informational purposes in a spirit of academic freedom.

**PRE-REGISTRATION:** Pre-registration is recommended at least two weeks before course date – October 18, 2013.

**REGISTRATION OPTIONS:** Registrations will not be accepted without payment. You may register using any of the following methods:

- Online registration at: www.continuetolearn.uiowa.edu/UIConferences/
- Mail your registration form and check or credit card information to the address indicated
- Phone your credit card information to Center for Conferences: 1-800-551-9029 (local: 335-4141)
- FAX your credit card information to Center for Conferences: 1-319-335-4039

**CANCELLATIONS/REFUNDS:** Fees paid will be refunded less a $55 per person processing fee following notice of cancellation. Refunds will not be granted for cancellations received after the course begins. For registrations charged to your credit card, the refund will be credited to your account. If insufficient enrollment necessitates canceling a course, all fees will be refunded.

**CONTINUING EDUCATION CREDIT/RECORD KEEPING:** CEU verification will be provided (by mail following the program) only for those individuals completing/submitting a CEU card at the completion of the program. Credit will be appropriately adjusted for those individuals who do not attend the entire program. All attendees are encouraged to submit a CEU card which will ensure that a letter documenting attendance will be sent following the program. The University of Iowa College of Dentistry designates this activity for 7 hours continuing education credit (0.7 CEU).

**FOOTBALL TICKETS:** Tickets for Iowa vs. Wisconsin on 11/2/13 are available on a VERY LIMITED basis at $70 each plus a $1 per ticket handling fee (limit 2 tickets per registration). Ticket requests will be filled until supply is exhausted. To order tickets, you must register and prepay for the continuing education program. Tickets MUST be picked up at the course registration desk before course adjournment. Tickets will not be mailed. Payment for tickets cannot be refunded except when ticket supply is exhausted during the pre-registration period. Tickets cannot be transferred with a registration to another course.

**HOUSING:** A limited number of rooms have been reserved at the:

- Heartland Inn located at 87 Second Street, Coralville, IA 52241; Phone 1-319-351-8132
- Use the Code: College of Dentistry – (release date 10/14/2013).

Please indicate that you are attending the College of Dentistry’s continuing education program and designate the appropriate code when making your reservations. The rooms will be held until supply is exhausted or release dates as previously stated. It is the responsibility of registrants to reserve their own lodging.

**PARKING:** Parking is included with the course registration. All registrants must be pre-registered to gain entrance to the Dental visitor’s parking lot. Bring your course confirmation letter with you to ensure admittance to the lot. Otherwise, you may be directed to a remote lot.

**COMFORT ZONE:** Although every effort is made to have a comfortable temperature in the meeting room, we realize everyone’s comfort zone is different. Please bring a jacket or sweater in case the room is too cool for your comfort.

**THANK YOU FOR PARTICIPATING** in our continuing dental education courses. We appreciate your support and interest in our dental programs. Your patronage allows us to provide the highest quality and most current education in dentistry. If you have any suggestions for the Office of Continuing Education or would like further information about our programs, please visit us online at www.dentistry.uiowa.edu/ce or contact:

Ms. Penni Ryan, Director | Continuing Dental Education | The University of Iowa
346 Dental Science N | Iowa City, IA 52242-1010
319/335-7166 | penni-ryan@uiowa.edu

We look forward to seeing you at our programs!

*Individuals with disabilities are encouraged to attend all University of Iowa sponsored events. If you are a person with a disability who requires a reasonable accommodation in order to participate in this program, please contact Penni Ryan in advance at 319-335-7166.*

**ADA CERP:** 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.

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