Endodontic Update:
A Clinician’s Perspective on Instrumentation and Obturation

Presented by Dr. David Landwehr
(Afternoon Hands-On Limited to 40 participants)

College of Dentistry, Galagan Auditorium
Presented by the Department of Endodontics and an unrestricted educational grant from Dentsply Tulsa

DATE: Friday, September 9, 2016; Registration 8:00 – 8:25 a.m., Program 8:30 a.m. – 4:30 p.m.
LOCATION: College of Dentistry, Galagan Auditorium
CE CREDIT: 7 hours full day, 3.5 hours half day

REGISTRATION DEADLINE IS AUGUST 26, 2016
THE PROGRAM and OBJECTIVES

AM Program: Endodontic success is dependent on a variety of interrelated factors, but removal of bacteria is the ultimate goal. The pathway to endodontic diagnosis is filled with twists and turns that often prevent the clinician from making a definitive and accurate diagnosis. After a diagnosis is made, the anatomy of the tooth and glide path management are the next considerations. It is imperative that all canals are located and cleaned to the root apex to achieve maximum disinfection. This session will place special emphasis on locating the hard to find canals prior to using a rotary instrument to establish a predictable and reproducible glide path to the root apex. A single file reciprocating system to create the final shape will be presented along with enhanced irrigation protocols for maximum disinfection of the root canal system. Finally, state-of-the-art obturation and restorative techniques will be presented to complete this comprehensive review of the latest endodontic techniques.

At the completion of the morning course, participants should be able to:

- Know how to increase the accuracy of endodontic diagnosis by understanding the limitations of pulp testing,
- Understand clinically relevant strategies for locating typical root canal anatomies and tips for identifying hard to find canals,
- Understand the importance of glide path management and the benefits of creating a reproducible and enhanced glide path with a single rotary instrument, while preserving maximum dentin for restoration and function, and
- Know a single file technique to create the final root canal shape, along with state-of-the-art disinfection and obturation protocols.

PM Program: In the last several years, there has been an explosion in the number of new endodontic file systems introduced, with most manufacturers making claims of superiority for their design or metallurgy. With all of the confusion and misinformation around what might be the “best endodontic file”, it is increasingly difficult for practitioners to make informed choices about which design features can achieve the best clinical outcomes. This hands-on course will provide a comprehensive review of glide path management strategies. A simple, yet reproducible technique for the establishment of a rotary glide path will be presented. An evidence-based review of cutting edge instrumentation options with special emphasis on instrument design and mechanical movements will be covered. A single file reciprocating system will be highlighted with a discussion of case selection to maximize clinical predictability. Additionally, enhanced irrigation protocols will be explored along with state-of-the-art obturation and restorative techniques.

At the completion of the afternoon hands-on course, participants should be able to:

- Understand the importance of glide path management and the benefits of creating a reproducible and enhanced glide path with a single rotary instrument, while preserving maximum dentin for restoration and function,
- Know the design features and working characteristics of the most commonly used root canal instrumentation systems and their impact on clinical efficiency and predictability,
- Know a simple and efficient enhanced irrigation protocol for maximum disinfection of the root canal system, and
- To place the most biologically sound, dense and repeatable three dimensional filling in any root canal anatomy.
**PROGRAM SCHEDULE**

8:00 a.m. Registration, College of Dentistry, First Floor  
8:25 Introductions – Ms. Penni Ryan  
8:30 Instrumentation and Obturation  
10:30 Refreshment Break  
10:45 Instrumentation and Obturation Continued  
12:00 N Lunch  
1:00 p.m. Hands-On Workshop  
2:15 Refreshment Break  
2:30 Hands-On Workshop Continued  
4:30 Adjourn

**PREVIEW OF COURSES**

9/10  
(Pregame: Iowa State) Nutrition and Oral Health in Childhood – Dr. Teresa Marshall  
Interesting Oral Pathology Cases – Dr. Nidhi Handoo  
9/16  
The Impact of the Changing Health Care Systems on Our Care of Our Patients – Dr. Peter Damiano  
Peri-Implantitis – The Newest Periodontal Disease – Dr. Georgia Johnson  
9/17  
9/30  
(TBA)  
10/1  
(Pregame: Northwestern/University’s Homecoming)  
Electronic Health Records: Where we are: Where we are Headed – Dr. Lynn Johnson  
Nerve Injuries in Dentistry – Dr. Michael Miloro  
10/21  
Nowak Visiting Professorship – Diagnostic Imaging in Dentistry – Dr. Johan Aps  
10/22  
(Pregame: Wisconsin) Facialy Driven Diagnosis of Dentoskeletal Deformities – Dr. Scott Hoyer  
Clinical Pathology Conferences – Dr. Sherry Timmons

**ENDODONTIC UPDATE: A CLINICIAN’S PERSPECTIVE ON INSTRUMENTATION AND OBTURATION**

September 9, 2016  
16-253-01 5-42502-00  
(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 required for CEU verification _________________________________________________________(please print clearly)  

**PLEASE CHECK:**  
☐ All Day: Dentist $425  ☐ Assistant/Hygienist/Technician $145 (must be accompanied by your dentist to participate in the hands-on portion)  
Football Tickets: (limit 2/game; 2 @ $162; 1 @ $81  
iowa vs. Iowa State (9/10) #________$_________  
☐ AM Only: Dentist $195  ☐ Assistant/Hygienist/Technician $95

☐ Do not enroll if football tickets are not available Only Full Day Registrations eligible to purchase football tickets.

☐ CHARGE TO MY ACCOUNT  
(Note $10 minimum)  
 ACCOUNT NUMBER (list ALL numbers on the card)  
 SECURITY CODE  
 (last 3 digits that appear in signature panel on back of card)

Name on Credit Card _______________________________________________________________________________________________

☐ 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 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 – August 26, 2016.

**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](http://www.continuetolearn.uiowa.edu/UIConferences) for Full-Day Only
- 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

Online registration is **NOT** available for Half Day registration. To register for the Half Day portion of the course, please mail your form, fax or call the Center for Conferences as indicated above.

**CANCELLATIONS/REFUNDS:** Due to the enrollment limits for the hands-on afternoon portion only, please cancel as early as possible if this becomes necessary. For cancellations **prior to August 26**, fees paid will be refunded less a $75 processing fee following notice of cancellation. For cancellations **after August 26**, your fee will be refunded less $75 if your space can be fills with a wait-listed participant. For cancellations **within 48 hours** of course date, there will be no refund unless the space can be filled from a waiting list. If the space is filled, one-half of the fee less processing fee will be refunded. If insufficient enrollment necessitates canceling a course, all fees will be refunded.

**CONTINUING EDUCATION CREDIT/RECORD KEEPING:** CEU verification will be provided (by email 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 (full day) or 3.5 hours (half day) continuing education credit.

**FOOTBALL TICKETS:** Full day course registrants will receive first priority for football ticket purchases. After that, tickets will be available on a first come, first served basis. Tickets for Iowa vs. Iowa State on 9/10/16 are available at $80 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 8/26/16).

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](http://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!**

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