

EDUCATIONAL STRATEGIES FOR RADIOLOGY EDUCATORS:

Classroom and Laboratory Applications



~ JULY 17-19, 2014 ~



UNC
SCHOOL OF DENTISTRY

LOCATION: The UNC School of Dentistry

Sponsored by the University of North Carolina Department of Dental Ecology

Course Description

This course is designed to align desired radiology program outcomes with accreditation standards. It will focus on measurement strategies and application of learning principles in the classroom and laboratory. Highlights of radiology concepts will be presented, which will include radiation physics/biology, projection geometry, digital radiography, radiographic anatomy, and radiographic interpretation. In addition, laboratory activities will supplement the concepts that are presented.

Course Objectives

At the completion of this activity, participants will be able to:

- Discuss adult learning principles and apply them to educational situations
- Discuss accreditation standards for radiology and apply them to program outcomes and measurement strategies
- Develop performance criteria and discuss faculty calibration for grading dental radiographs
- Discuss the most recent concepts in radiology
- Apply radiographic interpretation principles

ADA C.E.R.P.[®] | Continuing Education
Recognition Program

The UNC School of Dentistry is an ADA CERP Recognized Provider.

This continuing education program is presented by the University of North Carolina at Chapel Hill School of Dentistry and the Continuing Dental Education program. The UNC Continuing Dental Education program is an ADA CERP Recognized Provider. UNC CDE's term of recognition is May 2012 through June 2015. 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.

Agenda

Thursday, July 17, 2014

8:00 – 8:30am.....Registration and Continental Breakfast

8:30-12:00 noon

- I. Educational Foundations
 - a. Learning Principles
 - b. Teaching Strategies
 - c. Adult Learning
- II. Radiology Accreditation Standards
- III. Outcomes
- IV. Measurement of outcomes

LUNCH

1:00-4:30pm

- I. Performance Criteria
 - a. How do you establish it
 - b. Group work to establish their own
- II. Grading
 - a. How do you put into a measure-able scale
- III. Calibration of faculty

Friday, July 18, 2014

8:00 – 8:30am.....Registration and Continental Breakfast

8:30-12:00 noon

- I. Highlights of Radiology Concepts
 - a. Radiation Physics/Biology
 - i. Inverse Square Law
 - b. Projection Geometry
 - i. Localization
 - ii. Buccal Object Rule

- c. Digital, CBCT and Extra-oral Radiography
 - i. Panoramic Errors

LUNCH

1:00-4:30pm

- II. Problem solving intra-oral technique errors lab
- III. Localization Lab
- IV. Extra-oral, CBCT lab

Saturday, July 19, 2014

8:00 – 8:30am.....Registration and Continental Breakfast

8:30-12:00 noon

- I. Radiography interpretation
 - a. Normal radiographic anatomy
 - b. Caries
 - c. Perio
 - d. Other Conditions



Meet The Speakers



Sally Mauriello, RDH, Ed.D. is a Professor in the Department of Dental Ecology at the UNC School of Dentistry. She received her A.A.S. in dental hygiene from Central Piedmont Community College, her B.S. in Dental Auxiliary Teacher Education from the University of North Carolina at Chapel Hill, and her Ed.D. in Adult and Community College Education from North Carolina State University.



Vickie Overman, RDH, M.Ed. currently serves as a Clinical Associate Professor in the Department of Dental Ecology at the UNC School of Dentistry in Chapel Hill and the director of the Preventive-Recall Service. She received her B.S. in dental auxiliary teacher education at UNC in 1981 and a master's degree in adult and higher education in 1983.



Enrique (Rick) Platin, RTR, MS, Ed.D. is a Clinical Professor in the Department of Diagnostic Sciences and General Polyclinic at the UNC School of Dentistry. He was trained in radiological sciences at New York Policlinic Medical School and Hospital, received a B.A. in romance languages and physical sciences from Queens College, City University of New York, an M.S. in education from Western Illinois University, and a doctorate degree in health

occupations education and adult community college education from North Carolina State University.

Time and Location

The program will be held at The UNC School of Dentistry. Registration will begin at 8:00am. The program is scheduled from 8:30am-4:30pm on Thursday and Friday, and from 8:30am-12:00 noon on Saturday.

Conflict of Interest

In accordance with the ADA CERP Standard V., everyone involved in planning or presenting this educational activity will be required to disclose any relevant financial relationships with commercial interests and this information will be made available to participants at the start of the activity.

As a continuing education provider, UNC School of Dentistry is responsible for ensuring the content, quality and scientific integrity of all continuing dental education activities for which credit is provided. The School is also responsible for taking steps to protect against and/or disclose any conflict of interest of the faculty/instructors presenting those courses.



Registration Fee and Credit

Register on or before May 1, 2014 and the registration fee is \$650. After May 1, 2014 the registration fee is \$695. The registration deadline is July 7, 2014. A continental breakfast and lunch will be provided with your paid registration.

UNC Continuing Dental Education designates this activity for 16 hours of continuing education credit.



Register by mail:

Send the completed registration form with a check or money order made payable to the UNC School of Dentistry to:

Attention: Registration
UNC Continuing Dental Education
Campus Box #7450
Chapel Hill, NC 27599-7450

Register On-line:

Direct your web-browser to www.dentistry.unc.edu/cde/courses

Questions?

Call: [919-537-3400](tel:919-537-3400) or E-mail us at CDE@dentistry.unc.edu

Cancellations and Refunds:

Since considerable advance planning is necessary for this continuing education program, a registration refund, **less a \$50 fee**, will be issued for cancellations received by **Monday, July 7, 2014**. The cancellation fee is necessary to cover materials and facilities costs incurred for each participant, which are non-refundable to us. **No refunds can be issued after July 7, 2014.**

The University reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, the University will fully refund registration fees but is not responsible for any related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, rental car or travel agencies.

UNC CDE recommends that you do not make air travel arrangements prior to receiving a receipt of payment or confirmation. UNC CDE is not responsible for any travel-related costs.

EDUCATIONAL STRATEGIES FOR RADIOLOGY EDUCATORS:

Classroom and Laboratory Applications

July 17-19, 2014

Registration: ☐ Dentist \$650 ☐ Team Member \$650 Course Code (15-DE-001)

After May 1, 2014 ☐ Dentist \$695 ☐ Team Member \$695

Please make additional copies for each person registering

First Name _____ Last Name _____ Jr. / Sr.

Badge Name _____ CDE ID# _____ (if known) ☐ Male ☐ Female

Employer _____

Mailing Address _____

City _____ State _____ Zip _____ County in NC _____

Daytime Phone (_____) _____ Fax (_____) _____

Email Address _____

Check # _____ Check Amount \$ _____

*Please make checks payable to the **UNC School of Dentistry**.*

Register On-line with a Credit Card at:
www.dentistry.unc.edu/cdel/courses

☐ *I have special dietary needs, please explain: _____*

☐ *I have special needs, please contact me.*

OFFICE USE ONLY

CDE ID# _____ Date Received _____

The University of North Carolina at Chapel Hill is committed to equality of educational opportunity and does not discriminate against applicants, students, or employees based on race, color, national origin, religion, sex, age, veteran status, or disability.

Dental education institutions have an obligation to disseminate new knowledge related to dental practice. In so doing, some presentations may include controversial materials or commercial references. Sponsorship of a continuing education course by the University of North Carolina does not necessarily imply endorsement of a particular philosophy, procedure, or product by this institution.

****** *By providing my information, I consent to receive communications via mail, email, fax, and phone from the University of North Carolina Continuing Dental Education office. The Continuing Dental Education office will not share your information with anyone.*



UNC
SCHOOL OF DENTISTRY

Continuing Dental Education
Campus Box 7450
Chapel Hill 27599-7450



dentistry.unc.edu/cde/courses

Advancing Knowledge in Dentistry

NP ORG
US Postage
PAID
Chapel Hill, NC
Permit # 177



EDUCATIONAL STRATEGIES FOR RADIOLOGY EDUCATORS:

Classroom and Laboratory Applications