

CONTENT AND EDUCATIONAL STRATEGIES
FOR THE RADIOLOGY EDUCATOR:

Classroom and Laboratory Applications



~ JULY 14 - 17, 2015 ~



UNC
SCHOOL OF DENTISTRY

LOCATION: The UNC School of Dentistry
Sponsored by the University of North Carolina Department of Dental Ecology

Meet the Speakers

John Ludlow, DDS, MS, is an adjunct professor in the Department of Diagnostic Sciences of the UNC School of Dentistry. He received his D.D.S. and M.S. in oral diagnosis and radiology from the University of Michigan. He taught 10 years at the University of Michigan and 25 years at UNC prior to retiring to part-time private practice as a reading oral and maxillofacial radiologist. He is a past president of the American Board of Oral Maxillofacial Radiology and past director of the American Board of Oral Medicine as well as past chairman of the Board of the Caring Dental Professionals of North Carolina. He continues to serve on the North Carolina Radiation Protection Commission as well as the editorial boards of Oral Surgery Oral Medicine Oral Pathology and Oral Radiology and Dentomaxillofacial Radiology. He has over 100 scientific publications and was awarded the AAOMR Weurhmann Prize for the best radiology research paper in 2001 and 2007.

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. Dr. Mauriello has taught radiology since 1980 and co-authored a radiology textbook. In addition, she has served as a site visitor and review committee member for the Commission on Dental Accreditation.

Vickie Overman, RDH, M.Ed. previously served as the Director of the Undergraduate Dental Hygiene program and as a clinical associate professor in the Department of Dental Ecology at the UNC School of Dentistry in Chapel Hill for 32 years. 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. While at UNC her teaching responsibilities included clinical dental radiology, dental materials, clinical dental hygiene and community dental health. She has presented continuing education courses at the local, state, national and international levels for many years.

Enrique (Rick) Platin, RTR, MS, Ed.D. is a Clinical Professor in the Department of Diagnostic Sciences 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.

Donald (Don) Tyndall, DDS, MSPH, Ph.D. is a professor in the Department of Diagnostic Sciences at UNC. He received his D.D.S. from UNC School of Dentistry, his M.S.P.H. in radiological hygiene and medical physics from the UNC School of Public Health, and his Ph.D. in health physics and radiation biology from UNC. Since 1988, he has been the director of radiology in addition to serving as the course director for two pre-doctoral radiology courses. Additionally, he has served as a commissioner on the NC Radiation

Protection Commission, program director of the Oral and Maxillofacial Radiology Graduate Program, and director and past president of the American Board of Oral and Maxillofacial Radiology. Dr. Tyndall is a diplomate of the American Board of Oral and Maxillofacial Radiology as well as the councillor for Scientific Affairs and Public Policy of the Executive Council of the American Academy of Oral and Maxillofacial Radiology. His work has been published in more than 85 journal articles.

Course Description

This course is designed as an interactive experience to allow dental educators to update their dental radiology concepts and apply this information using various learning strategies. The Commission on Dental Accreditation standards will be addressed, as well as measurements, strategies and applications of learning principles in the classroom and laboratory settings. Highlights of radiology concepts will be presented, including radiation biology, projection geometry/technique errors, digital radiography, grading calibration, advanced imaging, quality assurance, educational theory, and radiographic interpretation. Laboratory activities will supplement the concepts that are presented.

Course Objectives

At the completion of this activity, participants should 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 current theories in dental radiology.
- Develop laboratory activities to enhance didactic concepts.

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 1, 2015 through June 30, 2019. 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

Tuesday, July 14, 2015

- 8:00-8:30 Registration/Continental Breakfast
- 8:30-10:00 Radiation Biology and Risk Update
- 10:00-10:15 *–Break–*
- 10:15-12:00 Educational Foundations
- Learning Principles
 - Teaching Strategies
 - Adult learning
- 12:00-1:00 Lunch
- 1:00-2:30 Performance Criteria
- How do you Establish It?
 - Groups Establishing Criteria
- 2:30-2:45 *–Break–*
- 2:45-3:15 Grading - Putting it into a Measureable Scale
- 3:15-3:40 Faculty Calibration + Activity

Wednesday, July 15, 2015

- 8:00-8:30 Registration/Continental Breakfast
- 8:30-10:00 Radiographic Interpretation
- 10:00-10:15 *–Break–*
- 10:15-11:00 Principles of Digital Radiography
- 11:00-12:00 Extraoral Radiographic Techniques
- 12:00-1:00 Lunch
- 1:00-2:30 Radiographic Interpretation Lab
- 2:30-2:45 *–Break–*
- 2:45-4:30 Labs
- Digital Lab
 - CBCT
 - Extra-oral Lab
- 5:30-7:30 Picnic at Faculty Home

Thursday, July 16, 2015

- 8:00-8:30 Registration/Continental Breakfast
- 8:30-9:30 Radiology Accreditation Standards & Developing Radiology Outcomes and Measures
- 9:30-10:30 Quality Assurance in Dental Radiology
- 10:30-10:45 *–Break–*
- 10:45-11:30 Projection Geometry
- Localization
 - Buccal Object Rule
- 11:30-1:00 Lunch + Vendor Activities
- 1:00-4:30 Group Labs
- 1:00-2:00 Lab A – Problem-Solving Intra-Oral Technique Errors
- 2:00-2:10 *–Break–*
- 2:10-3:10 Lab B Localization
- 3:20-4:20 Lab C Quality Assurance Techniques

Friday, July 17, 2015

- 8:00-8:30 Registration/Continental Breakfast
- 8:30-9:30 Update on Infection Control Issues in Radiology
- 9:30-10:30 Advanced Imaging (New Horizons)
- 10:30-10:45 *–Break–*
- 10:45-11:45 Advanced Imaging Lab
- 11:45-12:00 Wrap-Up

Time and Location

The program will be held at the UNC School of Dentistry. Registration begins each day at 8:00am.

TU	8:30am-4:30pm
WE	8:30am-7:30pm
TH	8:30am-4:30pm
FR	8:30am-12:00pm

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.

The University of North Carolina School of Dentistry cautions continuing dental education participants that there are potential risks of using limited knowledge when incorporating new techniques and procedures in the practice of dentistry, especially when the continuing education course has not provided supervised clinical experience and/or competency tests in the techniques or procedures.

Registration Fee and Credit

Register on or before May 15, 2015, and the registration fee is \$750. After May 15, 2015, the registration fee is \$795. The registration deadline is July 7, 2015. A continental breakfast and lunch will be provided with your paid registration.

UNC Continuing Dental Education designates this activity for up to 22 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 Online:

www.dentistry.unc.edu/cde/courses

Questions?

Call: **919-537-3400** or e-mail us at cde@dentistry.unc.edu

Cancellations and Refunds for CE Registrations:

A registration refund, **less a \$50 fee**, will be issued for cancellations received by **Tuesday, July 7, 2015**. **Cancellations must be received in writing** either by fax **919-537-3098** or email to cde@dentistry.unc.edu. The cancellation request must include: the name of the activity, name of the person registered, name of the person requesting the cancellation, and the reason for the cancellation. No refunds will be issued after **Tuesday, July 7, 2015**. The UNC School of Dentistry Continuing Dental Education Program cannot be responsible for the refund of any part of the registration fee as a result of emergencies, unforeseen circumstances, or events beyond its control after the cancellation date. Payments made by credit card will be refunded by credit card.

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.

NOTE: 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.

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July 14 - 17, 2015

Course Code (16-DE-001)

Registration: \$750

☐ RDH

☐ Dentist

☐ DA II

After May 15, 2015: \$795

☐ DA I

☐ Other _____

Please make additional copies for each person registering

First Name _____ Last Name _____ Jr. / Sr.

Name Tag _____ CDE ID# _____ (if known)

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 online with a credit card at:

www.dentistry.unc.edu/cde/courses

☐ If special dietary needs, please explain: _____

☐ I have special needs; please contact me.

OFFICE USE ONLY

CDE ID# _____ Date Received _____

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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.

** PLEASE NOTE: All participants must register/provide a unique e-mail address (such as robert@gmail.com) in order to access certain segments of this class; therefore, please ensure your ability to participate in all aspects of this course by eliminating generic office addresses.*

By providing your information, you consent to receive communications via mail, e-mail, 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.



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Chapel Hill 27599-7450



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