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Northcentral PA AHEC
63 R Main Street
Wellsboro, PA 16901



The Northcentral
Pennsylvania Area Health
Education Center (AHEC)
Presents

“Radiation Protection for the Dental Professional”

The **10th** Annual
Trends in Management
of Dental Disease Conference
*An Oral Health Conference for
Pennsylvania Dental Professionals*



Friday, September 16, 2011

Holiday Inn
100 Pine Street
Williamsport, PA 17701



Conference Agenda

8:00 AM — 8:30 AM

Registration, Refreshments,
& Exhibits

8:30 AM— 10:45 AM

Welcome
Award Winner Announcement
Keynote Speaker

Mary Jo Saxe
*“Radiation Protection for
the Dental Professional”*

10:45 AM — 11:15 AM

Break in Exhibit Area

11:15 AM — 1:10 PM

Keynote *continued*

1:10 PM — 1:15 PM

Closing

About our speaker:

Mary Jo Saxe is an Associate Professor at Pennsylvania College of Technology where she has been teaching dental radiology for over 20 years. Mary Jo has her dental hygiene certificate from the University of Pennsylvania, a bachelor's degree in dental hygiene from Thomas Jefferson University and her Master's of Health Administration from the University of Scranton. Mary Jo presents a dental radiology board review course annually for Leading Edge in Valley Forge, PA. She is currently a member of the Penn College Middle States Steering Committee and a member of Sullivan County Action, a non-profit organization, which is in the process of establishing a low income dental clinic for Sullivan County. Mary Jo is also the dental hygienist for the Sullivan County School District

Radiation Protection for the Dental Professional

In order to understand current radiation protection measures, the course will begin with a broad overview of radiation physics and radiobiology. Course content will emphasize patient and operator protection, exposure guidelines to ionizing radiation and quality assurance/control. Current radiation safety legislation will be reviewed. The lecture will conclude with a discussion on the impact of current trends in dental radiology (digital imaging, portable x-ray units, and computed cone beam technology) on radiation safety.

Objectives: At the completion of the course the dental professional should be able to:

1. Identify the characteristics of electromagnetic radiation.
2. Describe the possible interactions of x-rays with matter.
3. Discuss the factors that influence x-ray beam quality, quantity and intensity.
4. Identify the determining factors for radiation injury.
5. Discuss dental radiation and exposure risks.
6. Identify methods of radiation safety to protect the patient during x-ray exposure.
7. Define ALARA.
8. Discuss operator protection related to technique, exposure guidelines and monitoring devices.
9. Establish radiation quality control and assurance programs in a dental office.
10. Identify resources for current standards, legislation, and guidelines.
11. Discuss concerns with new technology and patient/operator exposure.

“Outstanding Oral Health Initiative of the Year” Award Description

This award shall recognize a single person or a group of people who has addressed a definable community dental need and improved the oral health of the underserved. The award recipient will have:

- Met definable community dental needs
- Demonstrated the removal of community barriers between dental service availability and those who need it; or developed dental services that were previously lacking in the community
- Carried out this activity during the time period of July 2010—June 2011

Award Nomination Form

Name of Nominee: _____

Address of Nominee: _____

Nominee’s Phone: _____

Nominee’s Fax: _____

Name of Person Nominating: _____

Phone: _____

Please submit a 1 page (maximum) reason for nomination along with this form to:

**Northcentral PA AHEC
63R Main Street
Wellsboro, PA 16901**

Continuing Education Credits

Pending approval, this course will award four (4) Continuing Education Credits from the Pennsylvania Dental Hygienists’ Association, Academy of Dental Hygiene Studies. The course will also apply to the required training hours for the Department of Environmental Protection (DEP).

Dentists and Dental Hygienists will be required to provide their license numbers during the on-site registration to receive credit.

Your proof of attendance at the conference is your Continuing Education Certificate. Each participant is responsible for keeping their own certificates.

Directions to Holiday Inn

Traveling West: Exit 27A - Market Street - Move into the left hand lane. Turn left at light onto Bridge. Continue straight into downtown Williamsport . Turn left at the traffic light onto Fourth Street. Turn left at the next traffic light onto Pine Street. The Holiday Inn is straight ahead.

Traveling East: to Williamsport. Take exit 27A - Market Street - Move into the left hand lane. Turn left at light onto Bridge. Continue straight into downtown Williamsport. Turn left at the traffic light onto Fourth Street. Turn left at the next traffic light onto Pine Street. The Holiday Inn is straight ahead.

Traveling North: to Williamsport cross the Market Street Bridge in the left lane-Business District-turn left before the traffic light turning onto Church Street. Continue straight to the stop sign and turn left. The Holiday Inn is straight ahead. Please watch for possible detours.

Traveling South: to Williamsport. Take exit 27A - Market Street - Move into the left hand lane. Turn left at light onto Bridge. Continue straight into downtown Williamsport. Turn left at the traffic light onto Fourth Street. Turn left at the next traffic light onto Pine Street. The Holiday Inn is straight ahead.

2011 Conference Planning Committee:

- Myreta Churba, RDH, MS
- Tana DeWire, MBA
- Shawn Kiser RDH, MEd
- Karl Meyer, DDS
- Dorothy Randler, RDH, EFDA
- Preeti Sahasi, DMD
- Deb Sawyer, MsEd
- Vera Walline, MPH, CHES
- Nancy Watts

This conference is made possible by the sponsorship of the following organizations:


Gold Level

Northcentral PA AHEC

Bronze Level

Northeast PA AHEC
Pennsylvania College of Technology

For exhibit and sponsor opportunities please contact Marlene Doan at the Northcentral PA AHEC (570) 724-9145 or marlened@ncpaahec.org



Funding for the Pennsylvania Area Health Education Center Program is provided by the U.S. Department of Health and Human Services, Health Resources and Services Administration, and the Pennsylvania Department of Health. The commonwealth’s medical community and communities at large provide

Conference Registration Form

Mail completed registration form and payment by **August 26, 2011** to:

**Northcentral PA AHEC
63R Main Street
Wellsboro, PA 16901**

Registration Fee: \$20.00
(Limited to first 150 registrants)

First Name: _____

Last Name: _____

Credentials: _____

Organization: _____

Office Address (required):

Phone: _____

Email address: _____

License Number: _____

Please check all that apply:

- | | |
|---|---|
| <input type="checkbox"/> Dentist | <input type="checkbox"/> Dental Hygienist |
| <input type="checkbox"/> Dental Assistant | <input type="checkbox"/> Academy |
| <input type="checkbox"/> Office Staff | <input type="checkbox"/> PDHA Member |
| <input type="checkbox"/> Student | <input type="checkbox"/> Non-Member |