



Mammography: Analysis and Advanced Techniques

\$50
**Special
Price**



MTMI

Medical Technology
Management Institute

a division of Herzing University

8 credit seminar
October 28, 2017
Knoxville, TN

Seminar Schedule

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| 8:00 am | <i>Registration and Coffee</i> |
| 8:30 am | Advanced Imaging Options and Breast Pathology <ul style="list-style-type: none"> • Mammography imaging of normal breast parenchyma • Characteristic & visualization of benign & malignant findings • Imaging techniques for non-conforming body habitus • Imaging the wheelchair or stretcher patient • Specific imaging problems <ul style="list-style-type: none"> - nipple not in profile - skin folds or wrinkling - patient with uneven breast thickness - moles/scars Triangulation Technique |
| 10:10 am | <i>Informal Discussion and Break</i> |
| 10:20 am | Interventional and Treatment options Interventional Options <ul style="list-style-type: none"> • Cyst aspiration • Stereotactic Breast Biopsy • Preoperative needle localization for excisional biopsy • Fine needle aspiration biopsy • Core Biopsy • Open surgical biopsy • Specimen imaging Treatment Options <ul style="list-style-type: none"> • Chemotherapy • Surgical options • Radiation therapy • Emerging Treatment Options |
| 12:00 pm | <i>Lunch (on your own)</i> |
| 1:00 pm | Breast Cancer Screen update including Fact vs. Myths and Misconceptions <ul style="list-style-type: none"> • Earliest incidence of breast cancer • Breast cancer detection and treatment throughout the ages • Modern breast cancer detection and treatment methods <ul style="list-style-type: none"> - discovery of x-ray and how it changed breast cancer detection and treatment - MQSA standard and how it changed breast cancer detection and treatment • Discuss the factors and their effect of breast cancer detection, risks and treatment |
| 2:40 pm | <i>Informal Discussion and Break</i> |
| 2:50 pm | Digital and Digital Breast Tomosynthesis Breast Cancer Screening Mammography Dose Calculations in Mammography Breast Tissue Type Digital Breast Imaging <ul style="list-style-type: none"> • Advantages of CM • Disadvantages of CM Full-Field Digital Mammography (FFDM or DM) <ul style="list-style-type: none"> • Flat Panel Detector Systems • Scintillator based • Thin Film Transistor (TFT) • Advantages of DM • Photon Counting Image Capture/advantages & disadvantages • Non-Scintillator based • Phosphor Characteristics • Detector Element • Disadvantage of DM Breast Tomosynthesis - Advantages and Disadvantages <ul style="list-style-type: none"> • Hologic tomosynthesis system • GE tomosynthesis system • Siemens tomosynthesis system • Other imaging options FDA and MQSA update on 3-D |
| 4:30 pm | <i>Adjourn</i> |



About this Seminar

This seminar is a comprehensive review of issues important to executing a quality mammographic exam, provides valuable information on 2-D and 3-D digital mammography, breast image analysis and critique and the pros and cons of current and emerging modalities. Understanding the advanced techniques in breast imaging, recognizing the needs of the non-conforming or challenging patient, QA of digital units, MQSA certification issues and proper communication within the imaging department is imperative to providing optimal patient care. This seminar is appropriate for those interested in recommendations and solutions to improve current mammography skills, and will provide techniques to enhance and improve patient care satisfaction in breast imaging.

Seminar Credit



This program provides 8 hours of Category A+ continuing education credit for radiologic technologists approved by ASRT and recognized by the ARRT and various licensure states. ASRT Category A+ credit is also recognized by CAMRT's Continuing Education Credit Approval Program for CE credit in Canada. You must attend the entire program to receive your certificate of completion.

About the Speaker

Olive Peart, MS, RT(R)(M)

Olive Peart is the program director for the radiologic technology program, Education Affiliates (EA)—Fortis College.



In addition to her full-time job, Ms. Peart regularly presents mammography and other radiography-related topics at seminars throughout the United States and Canada plus internationally via webinars. Her articles are often featured in the Radiologic Technology – The Journal of the American Society of Radiologic Technologist (ASRT). Ms. Peart has authored several textbooks including The Dangers of Medical Radiation, which was reviewed by ASRT Scanner; Spanish for Professionals in Radiology, an English to Spanish translation of often-used, technical terms and radiologic instructions; Mammography and Breast Imaging: Just the Facts; Lange Q&A Mammography Examination, a mammography question and answer review book; Mammography and Breast Imaging Prep, a comprehensive breast imaging textbook; and Radiography Flashcards, a projection reference guide for radiographic procedures.

In 2014 and again in 2015 Ms. Peart was selected to be a Technologist Fellow by the RAD-AID/ASRT Foundation. RAD-AID is an international organization dedicated to increasing radiology services in developing countries. She has traveled with the RAD-AID's team on monitoring and teaching projects in Chandigarh, India.

In her spare time Ms. Peart enjoys reading and writing and has written a number of young adult fiction and non-fiction books.

Educational Objectives

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

- Discuss documentation of some of the earliest incidence of breast cancer.
- Discuss breast cancer detection and treatment methods.
- Explore past and current myths of breast cancer detection, risks or treatment
 - including their impact on breast cancer research and personal choices.
- Describe anatomy of the breast and the impact of tissue composition.
- Discuss the mammographic characteristics of benign and malignant breast diseases.
- Discuss the need for interventional options.
- Review and differentiate between the various imaging options in mammography.
- Discuss the emerging treatment options.
- Explain the advantages and disadvantages of 2D breast cancer screening.
- Discuss breast cancer screening using tomosynthesis techniques.
- Identify the difference between the different tomosynthesis techniques.

Cancellation Policy

- Refunds, minus a \$30 processing fee, will be granted for cancellations received prior to 3 days before the seminar.
- Cancellations received within 3 days of the seminar will receive a credit toward a future MTMI program, minus the \$30 processing fee. No refunds will be made after the seminar.

MTMI reserves the right to cancel any scheduled program because of low advance registration or other reasons. MTMI's liability is limited to a refund of any program tuition paid. MTMI recommends that attendees use refundable airline tickets. In case of cancellation of a seminar for any reason, MTMI is not responsible for travel costs incurred by attendees including non-refundable airline tickets.

Location & Accommodations

Thompson Cancer Survival Center
1915 White Avenue
2nd Floor Auditorium
Knoxville, TN 37916

Parking: Park in the Thompson
Parking Garage on the 2nd floor and
enter the Center through the red door.
You may enter the garage on Clinch Avenue,
across from Ft. Sanders Regional Medical Center

Note: Bring parking ticket with you for validation

Mammography: Analysis and Advanced Techniques Oct. 28, 2017 in Knoxville, TN

PRINT Name: _____
This is how your name will appear on your certificate.

Home address: _____

City: _____ State: _____ Zip: _____

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(confirmation email will be sent to this address)

Check one: ☐ Personal Check or ☐ Master Card, ☐ Visa, ☐ AMEX, ☐ Discover

Expiration date: _____ cc#: _____ 3 digit code: _____



Total:
\$50.00

PLEASE ENCLOSE PAYMENT TO: MTMI

W140 N8917 Lilly Road
Menomonee Falls, WI 53051

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