

22nd Annual
Mammography
Update
for **PHYSICISTS**

October 20-21, 2018
in **Charleston, SC**

MTMI Medical Technology
Management Institute

A Continuing Education Division of Herzing University

CONFERENCE SCHEDULE

Day One -----

- 7:00 am Registration and Coffee
7:45 am Welcome and Introductions
8:00 am The Diagnosis and Treatment of Breast Cancer (SAM) ... Gizienski
9:00 am Digital Breast Imaging and Technical (SAM) ... Thomas
• Considerations for DBT Imaging
10:30 am Informal Discussion and Break
10:45 am Soft Copy Display: Image Communication and QC (SAM) ... Thomas
11:45 am Digital Breast Imaging Artifacts ... Jacobson
12:30 pm Lunch (included)
1:15 pm Clinical Experience with Digital Breast Tomosynthesis (SAM) ... Gizienski
2:15 pm Stereotactic Breast Biopsy: Clinical Considerations and Comparison to
Alternative Biopsy Techniques (SAM) ... Gizienski
3:15 pm Informal Discussion and Break
3:30 pm ACR FFDM QC Manual and Phantom (SAM) ... Pfeiffer
5:15 pm Meet the Experts - Panel Discussion ... Faculty
5:30 pm Adjourn for the Day

Day Two -----

- 7:00 am Coffee
7:30 am Overview of Digital Breast Tomosynthesis
Digital Mammography and Digital Breast Tomosynthesis QC Programs:
7:50 am Hologic ... Thomas
8:30 am GE Healthcare (SenoClaire) ... Thomas
9:10 am Informal Discussion and Break
9:20 am GE Healthcare (Pristina) ... Thomas
10:00 am Siemens ... Pfeiffer
10:40 am Fuji ... Pfeiffer
11:20 am Dose and Image Quality in Digital Mammography...Jacobson
12:00 pm Lunch (included)
12:30 pm Surveying/QC of Stereotactic Breast Biopsy Units (SAM) ... Pfeiffer
• Tips and Tricks - Group Discussion
1:45 pm Informal Discussion and Break
1:55 pm Breast Biopsy Using Digital Breast Tomosynthesis ... Pfeiffer
2:25 pm New Directions in Breast Imaging (SAM) ... Jacobson
• Contrast enhanced mammography
• Synthetic images
• Molecular Breast Imaging (MBI)
• MRI, Ultrasound and other technologies
3:25 pm Questions, Discussion and Evaluations ... Faculty
3:45 pm Adjourn

~schedule subject to change~

CONFERENCE FORMAT

Each session/presentation in the conference will be given in lecture format using audio-visual materials. Supporting material for each presentation will be provided by a printed syllabus and in digital format downloaded from the internet. The exchange of practical experience between faculty members and attendees is encouraged. Attendees are invited to bring to the seminar issues and problems they have encountered in mammography unit testing, as well as any tips and tricks they have developed to enhance the testing process.

ABOUT THIS CONFERENCE

Mammography continues to be the most effective line of defense against breast cancer. Survival is significantly enhanced by the early detection and treatment of malignant breast lesions. The Mammography Quality Standards Act (MQSA) was enacted to insure high quality mammography by all facilities offering this service. Medical physicists play an important role in assisting facilities to comply with these regulations. In this years' program we will update you with the latest state-of-the-art technology in the field. Attendance at this seminar will meet the MQSA continuing education requirement for medical physicists in digital mammography. Three hours on stereotactic breast biopsy are included. *This program includes over 8 hours of training on surveying digital mammography units, 3 hours on stereotactic breast biopsy and 5 hours on unique features of the three FDA approved Digital Breast Tomosynthesis (DBT) systems- Hologic, GE and Siemens.* A forum on multi-vendor DBT QC procedures will be presented.

WHO SHOULD ATTEND

This seminar is for medical physicists wanting to learn more about the technical aspects of mammography and obtain the continuing education required by MQSA regulations and ACR mammography facility accreditation. It is also appropriate for state and federal mammography facility inspectors, medical physics assistants, medical physics students, residents and fellows, vendor personnel, experienced technologists, and others interested in the physics of mammography.

EDUCATIONAL OBJECTIVES

Participation in this program will provide participants with the opportunity to:

- Review the tools & techniques for performing mammography machine surveys.
- Review a comprehensive list of digital breast imaging artifacts.
- Become familiar with the latest technology developments for digital and DBT mammography systems.
- Become familiar with the clinical aspects of breast cancer diagnosis & treatment.
- Review the QC testing procedures required for each manufacturers digital mammography units and the 4 FDA approved DBT systems.
- Become familiar with processes to establish uniform QC testing procedures for FFDM units.
- Review stereotactic breast biopsy machine testing procedures.

FACULTY

Jerry Thomas, MS, FAAPM

Diagnostic Medical Physicist
Via Christi Medical Center
Wichita, KS

Donald Jacobson, PhD

Assistant Professor
Medical College of Wisconsin
Milwaukee, WI

Terri-Ann Gizienski, MD

Clinical Assistant Professor of Radiology
University of Pittsburgh School of Medicine
Pittsburgh, PA

Doug Pfeiffer, MS

Medical Physicist
Member of ACR Subcommittee on
Quality Assurance in Mammography
Boulder Community Health
Boulder, CO

CONTINUING EDUCATION CREDIT

This activity is designed to provide 16 hours of continuing education in mammography. The seminar series has been submitted for approval by CAMPEP for Medical Physics Continuing Education Credit (MPCEC) for qualified medical physicists.

This program includes over 9 hours of training on surveying digital mammography units, 3 hours on stereotactic breast biopsy and 4 hours on unique features of the three FDA approved Digital Breast Tomosynthesis (DBT) systems- Hologic, GE, Siemens and Fuji. This program provides 19 hours of Category A continuing education credit for radiologic technologists approved by ASRT and recognized by the ARRT and various licensure states. 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.

MEETING LOCATION & ACCOMMODATIONS

Charleston Marriott

170 Lockwood Boulevard
Charleston, SC 29403-5123
843-723-3000

Reservations: Call 800-228-9290

Group Listed as: MTMI: 22nd Annual Mammography Update

Make reservation by: September 24, 2018

Rate: \$209.00 per night + tax

Airport Transportation: The Marriott does not
offer airport shuttle service.

Taxi is approximately \$30.00(one-way)

[Click here for Airport Ground Transportation Information](#)

Hotel Parking: Self- Parking complimentary; Valet \$10.00 daily



CANCELLATION POLICY

- Refunds, minus a \$50 processing fee, will be granted for cancellations received prior to 3 days before the course.
 - Cancellations received within 3 days of the course will receive a credit toward a future MTMI program, minus the \$50 processing fee.
- No refunds will be made after the course. 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.



Registration Form:

22nd Annual Mammography Update in Charleston, SC - October 20-21, 2018

Please print clearly - this is how your name will appear on your certificate.

Name: _____ degree/title: _____

Home Address: _____ City: _____

State: _____ Zip code: _____ *e-mail: _____
* registration confirmation will be sent to this e-mail address -PRINT CLEARLY

Day phone: () _____ Eve. phone: () _____

I work in the following: ☐ Mammography, ☐ CT, ☐ MRI, ☐ X-ray, ☐ Ultrasound, ☐ Nuc Med., ☐ Rad Therapy, ☐ Brachytherapy

MTMI

Medical Technology
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	Physicist	Technologist
Member fee	☐ \$745	☐ \$745
Non-member fee	☐ \$780	☐ \$780
SAMs (9 total hours)	☐ \$270	Individual SAMs available at the conference for \$30 each.
Membership	☐ \$65	☐ \$39
Member discount effective immediately!		

Total:

\$ _____



MTMI is committed to support anyone with special needs. Call 800-765-6864 for assistance.

Credit Card # _____

☐ MasterCard ☐ Visa ☐ AMEX ☐ Discover ☐ Check

expiration date: _____ 3 digit code: _____ Signature: _____

Return to: MTMI ~ W140 N8917 Lilly Road ~ Menomonee Falls, WI 53051
800-765-MTMI(6864) or 262-717-9797 or email custservice@mtmi.net
or register online at www.mtmi.net