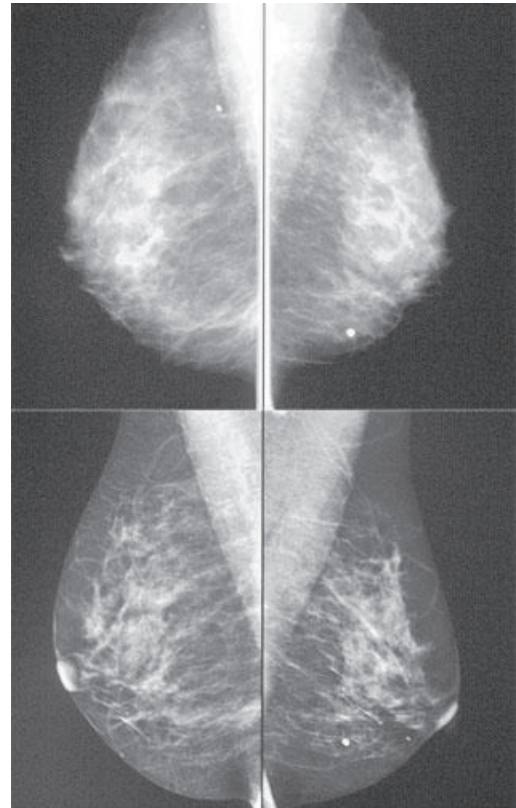


16th
Annual
Mammography
Update for PHYSICISTS



San Francisco, CA
February 3-4, 2012

Faculty:

Penny Butler, MS
Jay Parikh, MD, FRCP(c), CPE, FSBI,
FACPE
J. Ed Barnes, PhD
Charles Wilson, PhD
Donald Jacobson, PhD
Nikolaos Gkanatsios, PhD

MTMI

Medical Technology
Management Institute

Making Technology Work for You!

16th Annual Mammography Update for PHYSICISTS

Day One

- 7:00 am *Registration and Coffee*
- 8:00 am **The Diagnosis & Treatment of Breast Cancer** J. Parikh
- 9:00 am **Update on MQSA and Mammography Accreditation** P. Butler
- 10:00 am *Informal Discussion and Break*
- 10:15 am **A Review of Digital Breast Imaging Technology** E. Barnes
- 11:45 am **Digital Breast Imaging Artifacts** C. Wilson
- 12:15 pm *Lunch (on your own)*
- 1:15 pm **Clinical Digital Mammography ...** J. Parikh
- 1:45 pm **Surveying/QC of Stereotactic Breast Biopsy Units** C. Wilson
- 3:15 pm *Informal Discussion and Break*
- 3:30 pm **Stereotactic Breast Biopsy: Clinical Considerations and Comparison to Alternative Biopsy Techniques ...** J. Parikh
- 4:30 pm **Clinical Experience with Digital Breast Tomosynthesis and Other Advanced Applications** J. Parikh
- 5:00 pm **ACR Stereotactic Breast Biopsy Accreditation Program** P. Butler
- 5:30 pm *Adjourn for the Day*

Day Two

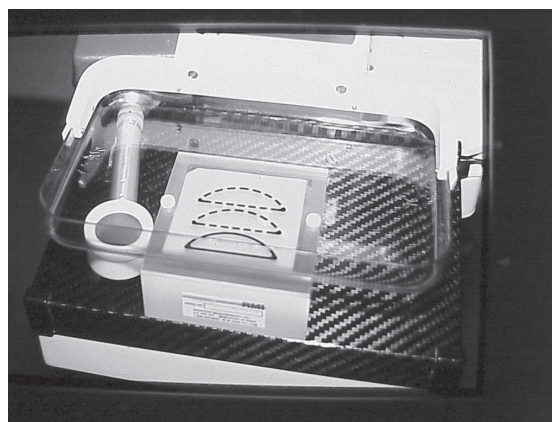
- 7:30 am **Manufacturers Digital Mammography QC Programs**
- 10:15 am *Informal Discussion and Break*
- 10:30 am **ACR FFDM QC Manual and Phantom** P. Butler
- 11:00 am **Practical Tips and Tricks for FFDM QC Testing** C. Wilson
- 11:30 am **Breast MRI & Ultrasound Accreditation Requirements** P. Butler
- 12:00 pm *Lunch (on your own)*
- 1:00 pm **Hologic DBT QC Procedures** N. Gkanatsios
- 1:45 pm **Film-Screen Technology and QC** D. Jacobson
- 2:45 pm *Informal Discussion and Break*
- 3:00 pm **Softcopy Display QC** C. Wilson
- 3:45 pm **Dose and Image Quality in Digital Mammography** D. Jacobson
- 4:15 pm **Questions, Discussion and Evaluations** Faculty
- 4:30 pm *Adjourn*

ABOUT THE SEMINAR

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. We are pleased to have Penny Butler, Senior Director of Breast Imaging Accreditation at the ACR, serve on our faculty this year. She will have the latest updates on ACR accreditation and give us the status of efforts to develop coordinated testing procedures for all FFDM manufacturer's equipment. Also this year's program places more emphasis on digital mammography. And we will review current testing procedures and requirements and update you with the latest state-of-the-art technology in the field. Attendance at this seminar will meet the MQSA continuing education requirements for medical physicists in digital and film-screen mammography. Three hours on stereotactic breast biopsy are also included.

SEMINAR FORMAT

Each session/presentation in the seminar 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 on CD-ROM. 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.



WHO SHOULD ATTEND

This seminar is for medical physicists wanting to review and learn more about the technical aspects of mammography as well as obtain the continuing education credits required by the 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, biomedical engineers, 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 practical tips for performing mammography machine surveys.
- Learn the clinical procedures of stereotactic breast biopsies.
- Become familiar with the latest technology developments for digital mammography systems.
- Become familiar with the clinical aspects of breast cancer diagnosis and treatment.
- Review the QC testing procedures required for each manufacturer's digital mammography unit.
- Become familiar with progress to establish uniform QC testing procedures for FFDM units.
- Review stereotactic breast biopsy machine testing procedures and results.

CONTINUING EDUCATION CREDITS

This activity is designed to provide 15 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. The program includes 8.75 hours training on the surveying of digital mammography units, and 3 hours on surveying stereotactic breast biopsy units. An application for Category A continuing education credit for radiologic technologists recognized by the ARRT has been filed.

SPONSORSHIP

This seminar is jointly sponsored by the Medical Technology Management Institute (MTMI) and the Medical College of Wisconsin (MCW).

Co-Program Directors are

J. Ed Barnes, PhD for MTMI and Charles Wilson, PhD for MCW.

FACULTY

Priscilla (Penny) Butler, MS
Senior Director
Breast Imaging Accreditation
American College of Radiology
Reston, VA

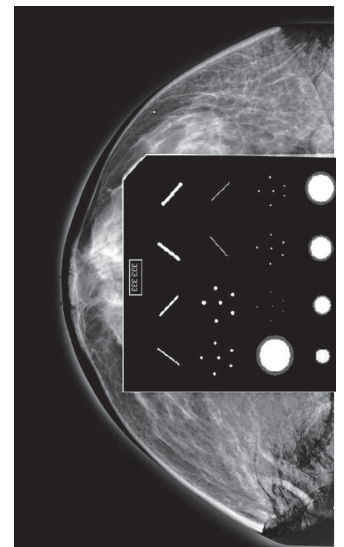
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Nikolaos Gkanatsios, PhD
Director & Sr. Principal
Systems Architect
Senior Medical Physicist
Breast Health
Hologic, Inc.
Danbury, CT





Membership

Membership in the Medical Technology Management Institute includes:

- discounts on **MTMI** services
- member newsletter
- web access to replace certificates
- yearly transcripts
- special benefits throughout the year exclusive to members

Joining **MTMI** with this registration qualifies you for the member discount. Indicate your interest in membership on the registration form or call **MTMI**. Annual membership dues for physicists is \$65. **Professional Physics Group Memberships** are also available. Contact **MTMI** for details.

Discount effective immediately.

Registration

To register for this seminar:

- go to www.mtmi.net or
- complete the registration form below and
- mail it with your tuition to **MTMI**, or
- call **(800) 765-6864** using MasterCard or Visa, or
- fax the form to **(262) 717-9171** w/credit card info

Refunds, minus a \$50 administration fee, will be granted for cancellations received prior to 10 days before the course. Cancellations received within 10 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.

Location & Accommodations

San Francisco, CA - February 3-4, 2012

Embassy Suites San Francisco Airport
250 Gateway Boulevard
South San Francisco, CA 94080
650-589-3400

www.sfosouthsanfrancisco.embassysuites.com

MTMI Guest Room Rate: \$145

Make reservations by 1/12/12 and
identify yourself as an **MTMI** attendee.

Hotel provides complimentary airport shuttle.

Parking \$5

Registration Form **16th Annual Mammography Update** in San Francisco, CA on Feb 3-4, 2012

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 () _____ FAX () _____

I work in the following: Mammography, CT, MRI, Ultrasound, Nuc Med, Rad Therapy, XR.

Call 800-765-6864
2 weeks before the
seminar if you have
special needs.

\$650 Please enclose payment to **MTMI**.

\$620 **MTMI** member discount price.

\$65 Yes, I want to be an **MTMI** member!

(discount effective immediately)

Yes, I am interested in **Professional Physics Group Membership** info.

Total
enclosed:

\$ _____

Credit Card Number _____ Master Card Visa

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Return to: **MTMI** ♦ 20900 Swenson Dr., Suite 650 ♦ Waukesha, WI 53186

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