Digital Breast Tomosynthesis: the Fundamentals

Las Vegas, NV - Feb 4
Simulcast Webinar - Feb 4
Milwaukee, WI - Feb 18
Simulcast Webinar - Feb 18
Simulcast Webinar - Mar 11
Las Vegas, NV - Apr 8
Simulcast Webinar - Apr 8
Simulcast Webinar - May 6
Simulcast Webinar - May 20
Las Vegas, NV - Jun 17
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Las Vegas, NV - Sep 16
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Simulcast Webinar - Sep 30
Simulcast Webinar - Oct 14
Simulcast Webinar - Oct 28
Las Vegas, NV - Nov 18
Simulcast Webinar - Nov 18
# Seminar Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00 am</td>
<td><strong>Registration and Coffee</strong></td>
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<tr>
<td>8:30 am</td>
<td><strong>Introduction to Digital Breast Tomosynthesis</strong></td>
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<td></td>
<td>• Tomography origins</td>
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<td></td>
<td>• Need and rationale for DBT</td>
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<td></td>
<td>• Primary issues w/conventional 2D mammography</td>
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<td></td>
<td>• Adjunct modalities</td>
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<td></td>
<td>• Benefits and validation of DBT</td>
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<td></td>
<td><strong>Theory of Tomosynthesis</strong></td>
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<td></td>
<td>• Physics behind mammographically occult pathology</td>
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<td></td>
<td>• Basic design of a DBT System</td>
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<td></td>
<td>• Hologic DBT indications for use and image creation</td>
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<td></td>
<td>• GE DBT indications for use and image creation</td>
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<td></td>
<td>• Siemens DBT indications for use and image creation</td>
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<td></td>
<td>• Fuji DBT indications for use and image creation</td>
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<tr>
<td>10:10 am</td>
<td><strong>Informal Discussion and Break</strong></td>
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<tr>
<td>10:20 am</td>
<td><strong>System Design Parameters</strong></td>
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<td></td>
<td>• Parameter optimization overall and unique to</td>
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<td>Hologic, GE, Siemens and Fuji</td>
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<td></td>
<td>- scan angels</td>
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<td>- detector efficiency</td>
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<td>- patient dose</td>
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<td>- number of projections</td>
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<td>- image size and storage</td>
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<td>• Synthetic 2D images</td>
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<td>- Hologic</td>
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<td>- GE</td>
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<tr>
<td>12:00 pm</td>
<td><strong>Lunch on your Own</strong></td>
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<td>1:00 pm</td>
<td><strong>Quality Control</strong></td>
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<td>• QC tests for the techologist</td>
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<td>- Hologic - GE - Siemens - Fuji</td>
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<td>• QC tests for the physicist</td>
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<td>- Hologic - GE - Siemens - Fuji</td>
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<td><strong>Personnel Training Requirements</strong></td>
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<td><strong>Tomosynthesis Unit Implementation Timeline</strong></td>
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<td></td>
<td>• Planning phase</td>
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<td>• Actual timeline detailed for unit install</td>
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<td></td>
<td>• Regulatory applications and processes</td>
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<td>• Application FAQ’s and tips</td>
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<td><strong>Reimbursement</strong></td>
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<td>• Application of CPT and HCPCS codes</td>
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<td><strong>Tomosynthesis Protocols</strong></td>
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<td>• Specific circumstances</td>
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<td>• Male patients</td>
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<tr>
<td>2:40 pm</td>
<td><strong>Informal Discussion and Break</strong></td>
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<tr>
<td>2:50 pm</td>
<td><strong>Tomosynthesis, A Manager’s Dilemma</strong></td>
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<td>• Examination time</td>
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<td>• Network bandwidth, computer memory, storage</td>
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<td></td>
<td>• Work up protocols</td>
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<td>• Additional images and storage</td>
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<td><strong>Tomosynthesis: Newly Released and in the Future</strong></td>
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<td><strong>Image Review</strong></td>
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<td><strong>Test Your Knowledge</strong></td>
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<tr>
<td>4:30 pm</td>
<td><strong>Adjourn</strong></td>
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About this Seminar

Digital Breast Tomosynthesis (DBT) is an exciting new application of digital mammography recently approved by the FDA. DBT is a three-dimensional technology that provides thin cross sectional images through the breast. This technology is designed to prevent overlying structures from obscuring breast masses and intersecting normal structures from being falsely identified as a cancer. There is a growing demand for implementing Digital Breast Tomosynthesis technology at current Women's Centers as well as understanding how this new technology will impact your current workflow. This seminar will provide you with the tools you will need to understand the fundamentals, benefits and the daily utilization of DBT within your facility. A comprehensive look at the installation and implementation timeline, regulatory guidelines, and additional quality control test and personnel qualifications will also be discussed. DBT is considered a new modality under MQSA which requires all personnel to receive 8 hours of training before participating in clinical services and the unique features of Hologic, GE, Siemens and Fuji will be covered.

This seminar satisfies the MQSA requirement of 8.0 hours of training in a new mammographic modality specifically on the Hologic, GE, Siemens and Fuji Digital Breast Tomosynthesis Systems.

Seminar Credit

Approved by the ASRT for Category A continuing education. These programs provide 8 hours of Category A continuing education credit recognized by the ARRT for radiologic technologists. It also provides 8 hours of training in Digital Breast Tomosynthesis as a new modality as required by MQSA. A certificate of attendance will be provided for each individual upon completion of the seminar. Attendees must attend the entire seminar to receive credit.

About the Speaker

Estella Turner, MHA, RT(R)(M)

Estella Turner, MHA, RT (R)(M) holds a Bachelor of Science in Health Services Management and a Master of Health Administration, with a concentration in Management in Leadership, from the University of La Verne. Estella has been an active technologist since 1996 and is currently the Operations Manager for the privately owned Women's Imaging Center in Orange, CA. Estella has served in various roles such as Staff Technologist, Mammography Coordinator, Director of Specialty Services — Cancer Program, Assistant Director of Diagnostic Imaging, Mammography Operations Consultant, Adjunct Professor for Radiologic Technology Program, and has written several ASRT approved CEU courses in Mammography. Recently, Estella has led the installation and implementation of Digital Breast Tomosynthesis in her practice, making it only the third organization in Southern California to offer this new technology. Estella's comprehensive knowledge of Mammography and its operational challenges, combined with her engaging speaking style, will make this seminar both enjoyable and beneficial.
At the completion of this seminar, participants will be able to:

- Understand the fundamentals of Digital Breast Tomosynthesis (DBT).
- Ascertain the benefits of Digital Breast Tomosynthesis over conventional mammography.
- Identify additional QC tests for DBT equipment and unique QC tests for each approved unit (Hologic, GE, Siemens and Fuji).
- Identify personnel training requirements.
- Understand the installation and implementation timeline for DBT equipment.
- Comprehend Regulatory application processes unique to DBT equipment.
- Apply DBT concepts to daily operational needs from an administrative perspective.
- Review the Parameter optimization that is unique to Hologic, GE, Siemens & Fuji units.
- Describe the indications for use and image creation for the Hologic, GE, Siemens & Fuji Tomosynthesis units.

Educational Objectives

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.

this seminar is part of
the Initial Mammography Training Course
special price is available when taken with the course
for more information go to:

www.mtmi.net/course/initial-mammography-training-course
Location & Accommodations

Specific location and accommodation information will be listed on our website as soon as arrangements have been made.

Please go to:
www.mtmi.net
or call
800-765-6864

Digital Breast Tomosynthesis: Practical Application

PRINT Name: ______________________________________________________
This is how your name will appear on your certificate.
Home address: ______________________________________________________
City: ______________________________State: ______Zip:_________________
Day phone: ____________________Evening phone: ____________________
Email: _________________________________________________________
(confirming email will be sent to this address)
Check one: ☐ Personal Check or ☐ Master Card, ☐ Visa, ☐ AMEX, ☐ Discover
Expiration date: _______ cc#: ____________________ 3 digit code: ______

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<tr>
<th>Advanced</th>
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<tr>
<td>Dig Breast Tom</td>
<td>$189 ($179-member)</td>
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<tr>
<td>MTMI membership</td>
<td>$39 - discount effective immediately</td>
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MTMI membership $39 - discount effective immediately

~ Advance registrations must be made at least 14 days prior to seminar. ~

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