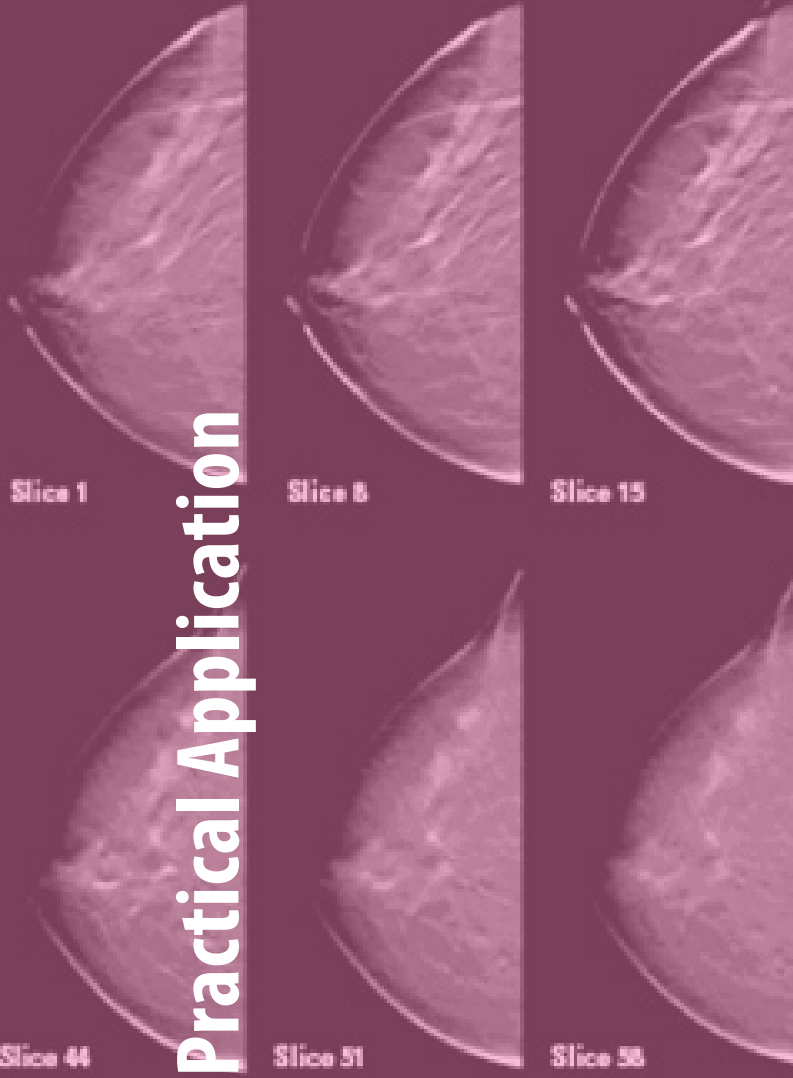


# Digital Breast Tomosynthesis: Practical Application



# 2018

8 Category A Credits

### Instructors:

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

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

### Dates:

February 3 in Las Vegas, NV

March 10 in Milwaukee, WI

April 21 in Las Vegas, NV

May 12 in Milwaukee, WI

June 9 in Las Vegas, NV

July 21 in Milwaukee, WI

August 25 in Dallas, TX

September 22 in Las Vegas, NV

October 20 in Milwaukee, WI

November 17 in Las Vegas, NV

This program is designed for:

- Mammography technologists
- Supervisors
- Managers of Women's Centers
- MQSA Inspectors
- Vendor Personnel

dates and locations listed on webpage

**Course 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. 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.

Schedule

**Introduction to Digital Breast Tomosynthesis (DBT)**

- Tomography Origins
- Need and rationale for DBT
- Primary issues with conventional 2D mammography
- Adjunct modalities
- Benefits and validation of DBT

**Theory of Tomosynthesis**

- Physics behind mammographically occult pathology
- Basic design of DBT systems
- DBT Indications for use and image creation
  - Hologic - GE - Siemens - Fujifilm

**System Design Parameters**

- Parameter optimization overall and unique to Hologic, GE & Siemens
  - Scan angles - Detector efficiency
  - Patient dose - Number of projections
  - Image size & storage
- Synthetic 2D images
  - Hologic - GE

**Quality Control**

- QC tests for the Technologist and Physicist
  - Hologic - GE
  - Siemens - Fujifilm

**Personnel Training Requirements**

**Tomosynthesis Unit Implementation Timeline**

- Planning phase
- Actual timeline detailed for unit install
- Regulatory applications and processes
- Application FAQ's and tips

**Reimbursement**

- Application of CPT and HCPCS codes

**Tomosynthesis Protocols**

- Specific circumstances
- Male patients

**Tomosynthesis: A Manager's Dilemma**

- Examination time
- Network bandwidth, computer memory, storage
- Work up protocols
- Additional images and storage

**Tomosynthesis: Newly Released and in the Future**

**Image Review**

**Test Your Knowledge**

**About the Program**

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 webinar 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.

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

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: \_\_\_\_\_  
(confirmation email will be sent to this address)

**Date/City attending:** \_\_\_\_\_

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

cc#: \_\_\_\_\_

Exp. date: \_\_\_\_\_ 3 dig code: \_\_\_\_\_

Course Fees ----	price	*early price	member price	*early member price
<b>Technologist</b>	<input type="checkbox"/> \$199	<input type="checkbox"/> \$189	<input type="checkbox"/> \$179	<input type="checkbox"/> \$170
<b>MTMI membership</b>	<input type="checkbox"/> \$39 (discount effective immediately)			
* Qualifying 'Early' registrations must be made at least 14 days in advance for the program.				
~ cancellation fees apply - see website or call ~				



PLEASE ENCLOSE PAYMENT TO:

MTMI  
W140 N8917 Lilly Road  
Menomonee Falls, WI 53051

register online at [www.mtmi.net](http://www.mtmi.net)

or call 262-717-9797 or 800-765-6864 or fax this form to 414-238-2740

Total: \$ \_\_\_\_\_