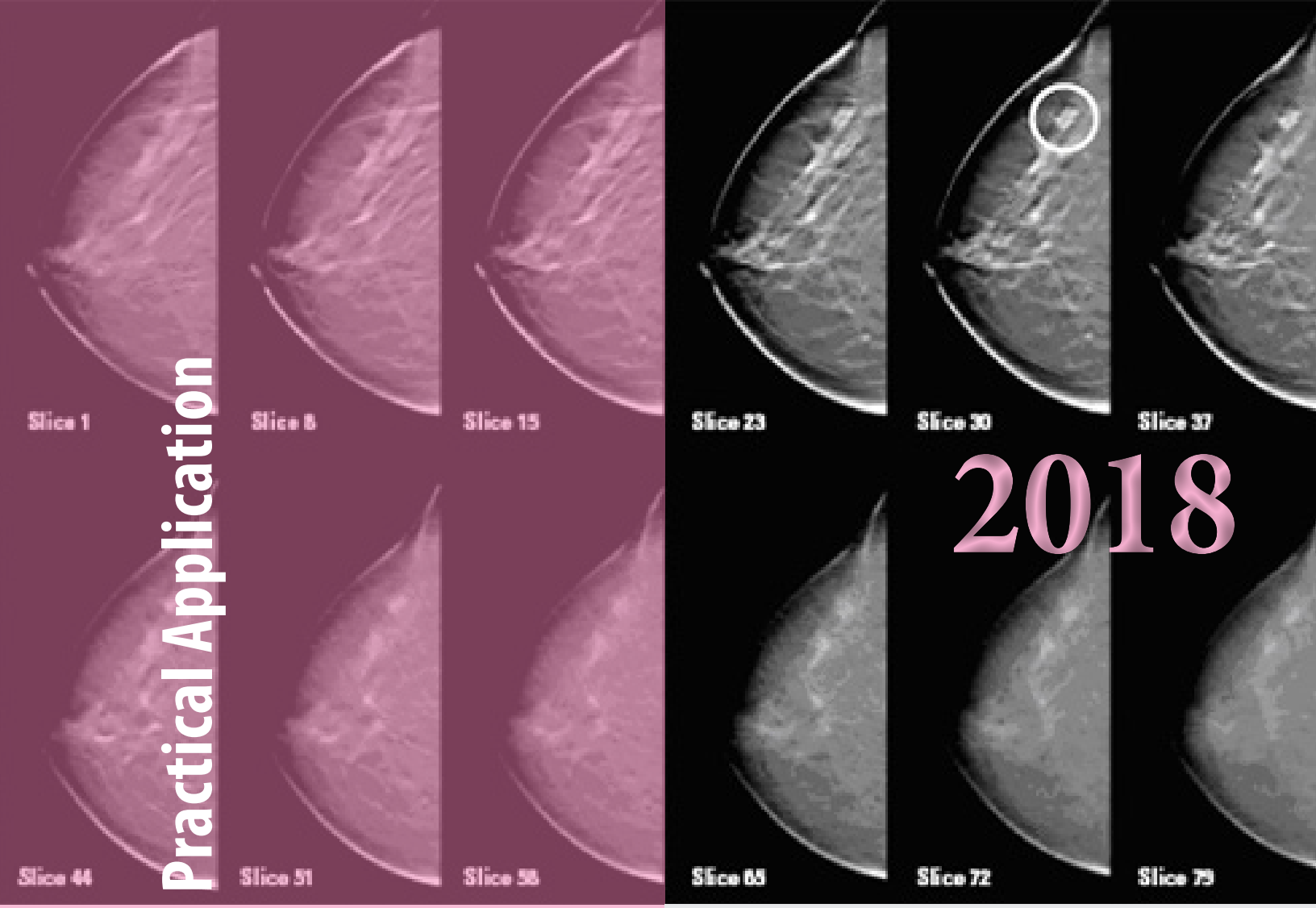

Digital Breast Tomosynthesis: Practical Application

2018

8 Category A Credits

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

Dates:
September 22 in Las Vegas, NV
November 17 in Las Vegas, NV

MTMI Medical Technology Management Institute

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 rational 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 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
Technologist	❒ $199	❒ $189	❒ $179	❒ $170
MTMI membership	❒ $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 ~				

MTMI
Medical Technology Management Institute

PLEASE ENCLOSE PAYMENT TO:
MTMI
W140 N8917 Lilly Road
Menomonee Falls, WI 53051
register online at **www.mtmi.net**
or call 262-717-9797 or 800-765-6864 or fax this form to 414-238-2740

Total: $_____