



# Improving Your Mammographic Skills

**January 31, 2009  
Indianapolis, IN**

**February 21, 2009  
Phoenix, AZ**

**March 28, 2009  
Denver, CO**

**Instructor:  
Shelly Lille',  
BS,RT(R)(M)**

**May 2, 2009  
Milwaukee, WI**

**MTMI**

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Medical Technology  
Management Institute

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## About the Seminar

Mammography continues to present many challenges to the technologist to perfect and maintain skills. The technology continues to improve with the introduction of digital mammography and other advances. This seminar addresses a number of issues important to executing a quality mammographic exam. It also provides information on the role of emerging technologies such as Computer Aided Detection (CAD) and the impact of these advancements on breast imaging in the future.

## Who Should Attend

This seminar is helpful for mammographers, managers, radiographers, educators and health care professionals involved in providing breast-imaging services. This seminar is also helpful for allied health professionals new to this modality.

## Objectives

*At the completion of this seminar, participants will:*

- become aware of new developments in mammography equipment and receptor systems.
- be able to recognize the radiographic appearance of various types of breast cancers.
- be knowledgeable of the anatomy and physiology of the breast for both benign and malignant processes.
- review basic and advanced positioning techniques for the breast.
- learn to differentiate various types of breast implants and proper techniques for imaging them.
- understand the purposes and benefits of CAD for mammography.
- review the benefits and technology of digital mammography.

## About the Instructor

**Shelly Lille', BS, RT(R)(M)** holds a Bachelor of Science Degree in Education from the State of New York at Cortland, has been an active technologist since 1979, and currently is an independent mammography consultant. For approximately six years, Shelly held the position of Chief Technologist at the world-renowned Wende Logan-Young, MD Breast Clinic in Rochester, New York, where she played a key role in operation of the clinic. Shelly has consulted with manufacturers on the design of mammography systems and has conducted many educational programs for mammographers throughout the United States and Canada. Shelly is co-author of a technique and positioning book on mammography. You will find Shelly's extensive knowledge and experience in mammography will make this a very rewarding educational experience.

## Seminar Schedule

8:00 am	<b>Registration and Coffee</b>
8:30 am	<b>Back to the Future</b> <ul style="list-style-type: none"><li>·The good old days - 1913-1975</li><li>·Modern breast cancer detection</li><li>·The future</li></ul>
9:20 am	<b>The Need for Screening</b> <ul style="list-style-type: none"><li>·Breast cancer statistics</li><li>·Survival rates</li><li>·Anatomy and physiology</li><li>·Problem-solving mammography</li></ul>
10:10 am	<b>Informal Discussion and Break</b>
10:20 am	<b>Breast Anatomy, Physiology &amp; Pathology</b> <ul style="list-style-type: none"><li>·Surface anatomy</li><li>·Deep anatomy</li><li>·Tissue composition classification</li><li>·Physiology</li><li>·Pathology</li></ul>
11:10 am	<b>A Review of Basic Positioning</b> <ul style="list-style-type: none"><li>·Is mammography painful?</li><li>·The C word: compression</li><li>·Setting technique</li><li>·Photo sensor cell position will vary</li><li>·Screening views</li></ul>
12:00 pm	<b>Lunch (on your own)</b>
1:00 pm	<b>Advanced Mammographic Positioning</b> <ul style="list-style-type: none"><li>·Breast cancer "misses"</li><li>·Positioning</li></ul>
1:50 pm	<b>Breast Implants</b> <ul style="list-style-type: none"><li>·History of implants</li><li>·Types of implants</li><li>·Implant imaging</li></ul>
2:40 pm	<b>Informal Discussion and Break</b>
2:50 pm	<b>CAD (Computer Aided Detection)</b> <ul style="list-style-type: none"><li>·What is CAD</li><li>·History of CAD</li><li>·Current Applications</li><li>·What does CAD look like?</li><li>·Benefits</li></ul>
3:40 pm	<b>Understanding Digital Mammography</b> <ul style="list-style-type: none"><li>·In the beginning</li><li>·Full Field Digital Mammography (FFDM)</li><li>·Technical aspects</li><li>·Digital designs</li><li>·The image</li></ul>
4:30 pm	<b>Adjourn</b>

## Continuing Education Credit

This program provides 8 hours of Category A continuing education credit recognized by the ARRT for radiologic technologists, and credit from various licensure states. A certificate of attendance will be provided for each individual upon completion of the seminar. All attendees must attend the entire seminar to receive full credit.

## Registration

To register for this seminar, go to [www.mtmi.net](http://www.mtmi.net) or complete the registration form below and

- ◆ send it with your tuition to **MTMI**, or
  - ◆ call (800) 765-6864 using MasterCard or Visa, or
  - ◆ fax the form to (262) 717-9171 with credit card information
- Tuition for each seminar is \$189 (**MTMI** members \$171) per person. A special advance price for those registering and paying prior to 14 days before the seminar is \$179 (**MTMI** members \$161) per person. Tuition at the door is \$199 (**MTMI** members \$179).
- ◆ Refunds, minus a \$30 processing fee, will be granted for cancellations received prior to the Tuesday before the seminar.
  - ◆ Cancellations received after the Tuesday preceding the seminar will receive a credit toward a future **MTMI** seminar, 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.

**Registration Discounts:** Group discount for a group from one facility registering at the same time:

- ◆ 3-5 attendees receive a 5% discount on each registration
  - ◆ 6+ attendees receive a 10% discount on each registration
- The discount is not applicable if the tuition is paid by purchase order. For student rates, contact **MTMI**. Members of **MTMI** receive a 10% discount. Only one discount may be applied except for Institutional Members.

**Tax Deduction:** The expense of continuing education, when taken to maintain and improve professional skills, is tax deductible. Please contact your accountant for details.

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Visit the "Mailing List" section of our website to indicate your preferences, or call us at 1-800-765-6864 today.

## Membership

Membership in the Medical Technology Management Institute includes:

- ◆ discounts on **MTMI** services
  - ◆ member newsletter
  - ◆ web access to **MTMI** records
  - ◆ 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 technologists are \$42.50. Discount effective immediately.

## Location & Accommodations

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

**Please go:**

**[www.mtmi.net](http://www.mtmi.net)**

**or call**

**800-765-6864**

Contact the hotel directly to make reservations and identify yourself as attending the **MTMI** seminar.

Registration Form **Improving Your Mammographic Skills** Date/city: \_\_\_\_\_

Please Print Clearly - This is how your name will appear on your certificate.

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Group discount:  3-5 attendees (5%) (must register together)

6 or more attendees (10%) (must register together)

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Call 800-765-6864  
2 weeks before the  
seminar if you have  
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### Improving Your Mammographic Skills

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#### **This one day seminar “Improving Your Mammographic Skills” provides:**

- An update on new developments in mammography.
- Insight into the appearance of pathology on a mammogram.
- A review of good positioning techniques with and without implants.
- An introduction to new technologies such as CAD and Digital.

**Your satisfaction is guaranteed!**

**Is your career moving in the right direction?**

Go to [www.mtmi.net](http://www.mtmi.net) and see the many cross-training opportunities available.

- Comprehensive Mammography Training Course
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