

2 Day Diagnostic Imaging Conference for Technologists



Attend one or
both seminars



Day One:
Musculoskeletal Imaging and Pathology

Day Two:
Pathology and Diagnostic Imaging

Instructor:

Paul F. Laudicina, MA, RT(R), BCRE, FACFE

Coming to:

Albuquerque, NM on January 14 & 15, 2012

Dallas, TX on February 18 & 19, 2012

Toledo, OH on March 10 & 11, 2012

Portland, OR on April 14 & 15, 2012

San Jose, CA on May 5 & 6, 2012

*London, ON on June 2 & 3, 2012

Milwaukee, WI on June 9 & 10, 2012

*Toronto, ON on September 15 & 16, 2012

*Canadian seminars priced in CAD, see registration page.

MTMI

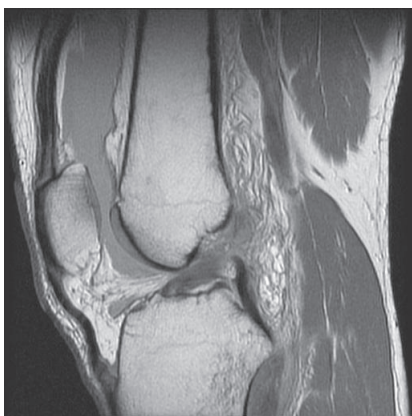
Medical Technology
Management Institute

A continuing education division of
HERZING UNIVERSITY

Musculoskeletal Imaging and Pathology - Saturday

WHY ATTEND:

CT and MRI are fast becoming the gold standard for imaging of bone tumors, cysts, and bone, joint, and soft tissue injuries. The challenges for technologists working in these modalities is increasing steadily. This seminar will present a greater understanding of various musculoskeletal disease states, the appearance of pathology, as well as traumatic injury to the bones and joints and the role of MRI, CT and other imaging techniques in diagnosis. An ability to recognize these pathological processes in diagnostic images will greatly enhance the effectiveness of MSK exams and provide useful insight to improve them.



EDUCATIONAL OBJECTIVES

Upon completion of this seminar you should be able to:

- Define musculoskeletal pathologies as they appear in MRI and CT images.
- Identify orthopedic disease processes and resulting lesions.
- Identify specific imaging protocols to demonstrate pathology.
- Describe the imaging characteristics of five bone tumors.
- Describe the complications of degenerative joint disease.
- Describe three congenital malformations of the spine and spinal cord.
- Describe the treatment and prognosis of bone diseases.

WHO SHOULD ATTEND:

If you are a MRI or CT technologist interested in improving your understanding of musculoskeletal abnormalities in your images, or a technologist interested in learning more about the work-up of the MSK patient, this seminar is for you. This seminar will provide an understanding of diseases, pathology, and trauma visualized with images for each clinical situation.

SCHEDULE

8:00 am	Registration and Coffee
8:30 am	Etiology of Diseases and Pathology Methods of Diagnostic Imaging SHOULDER and HUMERUS <ul style="list-style-type: none">• Benign and malignant tumors and cysts• Anterior & posterior dislocation & separation• Suabluxantion• Connective tissue tears
10:10 am	Informal Discussion and Break
10:20 am	Etiology of Diseases and Pathology Methods of Diagnostic Imaging WRIST and ELBOW <ul style="list-style-type: none">• Compartment syndrome• Fracture and avascular necrosis of the scaphoid• Carpal Tunnel syndrome• Lateral and Medial epicondylitis
12:00 pm	Lunch on your own
1:00 pm	Etiology of Diseases and Pathology Methods of Diagnostic Imaging PELVIS and HIP <ul style="list-style-type: none">• Benign and malignant tumors and cysts• Posterior dislocations• Bone contusion• Ligament, muscle, tendon and cartilage tears
2:40 pm	Informal Discussion
2:50 pm	Etiology of Diseases and Pathology Methods of Diagnostic Imaging FEMUR, KNEE, PATELLA, LEG & ANKLE <ul style="list-style-type: none">• Methods of diagnostic imaging• Benign and malignant tumors and systs• Ligament and tendon tears• Final questions and comments
4:30 pm	Adjourn

WHY ATTEND:

Recognition of the pathological processes present in your images is key to ensuring a successful imaging exam. This seminar will review the pathology of major anatomical systems commonly presented in various diagnostic imaging examinations and help you recognize the difference between normal and abnormal structures. This knowledge will help you understand the disease processes presented by your patients and improve your effectiveness in contributing to the resulting diagnosis.

WHO SHOULD ATTEND:

- Radiologic Technologists
- Radiology Department Managers
- Educators and Students
- Vendor Support Staff

EDUCATIONAL OBJECTIVES

At the completion of this seminar, participants will be able to:

- Differentiate the more common pathologic conditions and identify their radiologic manifestations in each major body system.
- Explain how optimal images of the body systems may be produced utilizing various imaging modalities.
- Explain the advantages and disadvantages of the imaging modalities used to detect pathology in each major body system.



ABOUT THE INSTRUCTOR

**Paul F. Laudicina,
R.T. (R) BCFE, FACFE, DABFE**

Professor Laudicina has been instructing radiologic technologists much of his career. Previously he was a professor at the College of Du Page in Glen Ellyn, IL for several years and is currently a professor in the Radiologic Technology, CT, and MRI programs at Long Beach City College, Long Beach, CA. Paul has shared his extensive knowledge on many topics at MTMI seminars in the past. You are sure to learn a lot by attending his programs.

CONTINUING EDUCATION CREDIT

Each of these seminars provide 8 hours of Category A continuing education credit for radiologic technologists. Attend both days for 16 hours of credit. A certificate of attendance will be provided for each seminar. All attendees must attend the entire seminar to receive full credit. Credit is awarded for radiologic technologists as ARRT Category A Credit approved by the ASRT, and various licensure states.

SCHEDULE

8:00 am

Registration and Coffee

8:30 am

Chest & Respiratory System Pathology

- Chronic bronchitis
- Emphysema
- Asthma
- Bronchiectasis

Lung Cancer

- Small cell cancer - Oat cell cancer
- Non-small cell cancer
 - Adenocarcinoma
 - Squamous cell carcinoma

• Lung metastasis

10:00 am

Informal Discussion and Break

10:10 am

Gastrointestinal System Pathology

- Esophageal varices
- Hiatal hernia
- Inflammatory bowel disease
 - Crohn's Disease
 - Ulcerative Colitis
- Irritable Bowel Syndrome
- Colon cancer

12:00 pm

Lunch (on your own)

1:00 pm

Cardiovascular System Pathology

- Coronary Artery Disease (CAD)
- Congestive heart failure (CHF)
- Hypertension
- Hypertensive heart disease
- Traumatic rupture of the aorta
- Aortic dissection

2:40 pm

Informal Discussion and Break

2:50 pm

Central Nervous System Pathology






- Infections
 - Meningitis
 - Encephalitis
- Neoplasms
 - Glioma
 - Meningioma
 - Pituitary adenoma
 - Medulloblastoma
 - Brain metastases
- Cerebrovascular accident (CVA)
 - Subarachnoid hemorrhage
 - Intracerebral hemorrhage
- Traumatic brain injury
 - Contusion and concussion
 - Skull fracture
 - Epidural and Subdural hematoma

4:30

Adjourn

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 \$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.

Registration Discounts:

Group discounts:

- 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.

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.

Membership

Membership in the Medical Technology Management Institute includes:

- discounts on **MTMI** services
- web access to **MTMI** records
- special benefits throughout the year exclusive to members
- Check the membership box on the registration form or call **MTMI** at 800-765-6864.
- Seminar discount effective immediately.
- Annual membership dues for technologists are \$39.

Location and 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**

Become a MTMI Member, organize a group and save!

Registration Form

Imaging Conference

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

Day one Day two Both days
date/city:

Name: _____ degree/title _____

Home Address _____ City _____

State: _____ Zip code: _____ *e-mail _____

* registration confirmation sent to this e-mail address - PRINT CLEARLY

Day phone () _____ Eve. phone () _____ FAX () _____

Credit Card Number _____ Master Card Visa Check

Expiration Date _____ Signature _____

Please enclose payment by credit card or check made out to **MTMI**:

	Day 1-MSK Imaging	Day 2- Path & Imaging	Both Days
Regular price	<input type="checkbox"/> \$189 (\$171)-CAD \$239 (\$219)	<input type="checkbox"/> \$189 (\$171)-CAD \$239 (\$219)	<input type="checkbox"/> \$359 (\$323)-CAD \$459(\$419)
Advance price	<input type="checkbox"/> \$179 (\$161)-CAD \$219 (\$199)	<input type="checkbox"/> \$179 (\$161)-CAD \$219 (\$199)	<input type="checkbox"/> \$339 (\$305)-CAD \$419(\$379)
At-the-door-price	<input type="checkbox"/> \$199 (\$179)-CAD \$239 (\$219)	<input type="checkbox"/> \$199 (\$179)-CAD \$239 (\$219)	<input type="checkbox"/> \$379 (\$341)-CAD \$459(\$419)
MTMI membership	<input type="checkbox"/> \$39 (discount effective immediately) - member price in (\$)		
Group discount	<input type="checkbox"/> 3-5 attendees (-5%)		<input type="checkbox"/> 6 or more attendees (-10%)
Advance registrations must be made at least 14 days prior to seminar. - Canadian seminars priced in CAD			

Total
\$ _____



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

Return to: **MTMI** ♦ 20900 Swenson Dr., Suite 650 ♦ Waukesha, WI 53186
800-765-**MTMI**(6864) or 262-717-9797 or fax 262-717-9171 or e-mail custservice@mtmi.net
Your satisfaction with **MTMI** programs is guaranteed, a guarantee we are confident you won't need to use.