

Attend 1 or both seminars



2
Day

MRI
Conference
for
Technologists

Jan 30 & 31 - Chicago, IL
Feb 13 & 14 - Detroit, Michigan
Mar 6 & 7 - Dallas, TX
May 15 & 16 - Paterson, NJ
July 17 & 18 - Sacramento, CA
Sept 18 & 19 - Baltimore, MD
Oct 2 & 3 - Boston, MA

Saturday
MRI Registry Review

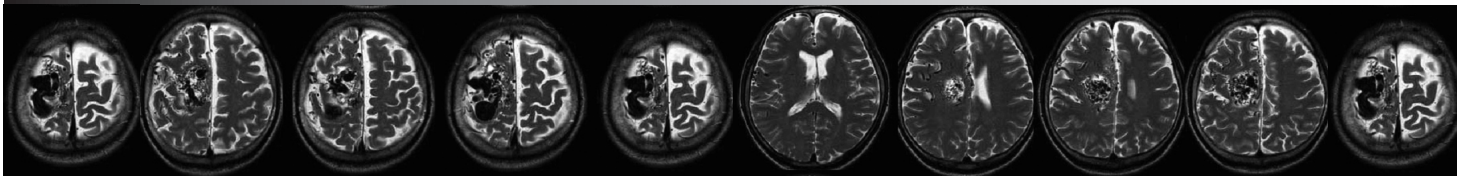
Sunday
Progressive Imaging
Techniques in MRI

MTMI

Medical Technology
Management Institute

Making Technology Work for You!

Progressive Imaging Techniques in MRI



Who Should Attend

You should attend if you are a MR technologist or MR imaging specialist interested in improving and expanding your MR imaging capabilities. Attendees should have some familiarity with the basic principles and concepts of MRI. This seminar is for the working MRI technologist, managers and others wanting to cover image formation basics as well as some of the latest techniques available to the MR technologist. Use this information to understand how the parameters in your protocol affect images and patient throughput.

Objectives

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

- ◆ Separate the characteristics of a basic FSE pulse sequence.
- ◆ Identify the appropriate clinical applications of fat and water suppression.
- ◆ Assess safety considerations with regard to increases in Tesla field strength.
- ◆ Integrate technical and practical considerations for cerebrovascular, cardiovascular & abdominal imaging.
- ◆ Validate the unique value of MR in the evaluation of the breast.

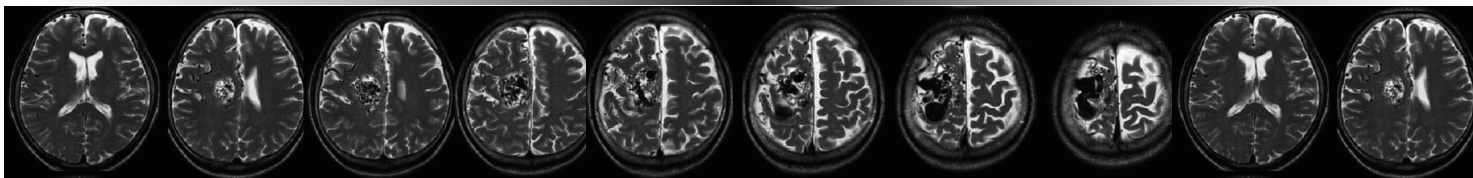
CONTINUING EDUCATION CREDIT

These seminars provide 8 hours of Category A continuing education credit for radiologic technologists each day. A certificate of attendance will be provided for each individual upon completion of 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 credit from various licensure states. At the completion of the entire 2-day conference, attendees will have earned 16 hours of Category A credits.

Seminar Schedule

8:00am	Registration and Coffee
8:30am	Pulse Sequence Optimization <ul style="list-style-type: none">• Basics of FSE pulse sequence• Suppression techniques
10:10 am	Informal Discussion and Break
10:20am	3T Imaging - Experiences <ul style="list-style-type: none">• Comparison w/1.5T imaging• Safety considerations• Applications
11:10am	Brain Attack Imaging <ul style="list-style-type: none">• Physiology of brain attack• Sequences• Imaging strategies
12:00 pm	Lunch (on your own)
1:00 pm	Abdominal Imaging <ul style="list-style-type: none">• Sequences• Protocols and image review• Technical and Anatomic considerations
1:50 pm	Cardiovascular Imaging I <ul style="list-style-type: none">• Sequences• Protocols and image review• Technical and Anatomic considerations
2:40 pm	Informal Discussion and Break
2:50 pm	Cardiovascular Imaging II <ul style="list-style-type: none">• Sequences• Protocols and image review• Technical and Anatomic considerations
3:40 pm	Breast Imaging <ul style="list-style-type: none">• Sequences• Protocols and image review• Technical and Anatomic considerations
4:30 pm	Adjourn

MRI Registry Review



Seminar Schedule

8:00 am	Registration and Coffee
8:30 am	Physical Principles of Image Formation <ul style="list-style-type: none">• Instrumentation• Fundamentals Artifacts Quality Control
9:30 am	Data Acquisition and Processing
10:10 am	Informal Discussion and Break
10:20 am	Pulse Sequences <ul style="list-style-type: none">• Data manipulation• Special procedures• Sequence parameters
12:00 pm	Lunch (on your own)
1:00 pm	Imaging Procedures <ul style="list-style-type: none">• Head and neck• Spine• Thorax• Abdomen• Pelvis• Musculoskeletal apparatus• Contrast administration
2:40 pm	Informal Discussion and Break
2:50 pm	Patient Care <ul style="list-style-type: none">• Legal & ethical principles• MRI screening & safety Patient Assessment, Monitoring and Management <ul style="list-style-type: none">• Interpersonal communications• Infection control
3:45 pm	Mock Examination and Review
4:30 pm	Adjourn

Who Should Attend

You should attend this seminar if you are an X-ray technologist interested in entering the field of MRI or have other sub-specialty experience and want to prepare for the ARRT MRI certification examination. You will also benefit from this seminar, if you are an MRI technologist wishing to review MRI technology or to add to your knowledge of this modality.

Objectives

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

- List the central components of an MRI imager.
- Define key concepts such as nuclear magnetism, Larmor equation, precession, gyro- magnetic ratio, resonance, tissue characteristics, T1, T2, spatial localization, etc.
- Examine various MRI pulse sequences.
- Apply MRI protocols and imaging techniques for different body parts.
- Summarize the main safety concerns pertaining to MRI.
- Integrate technical and practical considerations for patient care, assessment, monitoring and management.



ABOUT THE SPEAKER






Paul Worthington, BS, RT(R)(MR)

Paul has over 20 years MR imaging experience. He currently is the MRI Operations Manager for a university hospital.

He has extensive clinical MRI experience, as well as, experience in management and education for multiple provider settings, ranging from university hospitals to private practice to mobile units. Paul has worked for several years in MR applications for a major medical company. His experience in conventional and short bore, open MR, and multi vendor competence; make this an information packed seminar you won't want to miss.

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
- member newsletter
- web access to **MTMI** records
- yearly transcripts
- special benefits throughout the year exclusive to members

Save up to \$44 off the registration fee!

- 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 \$42.50.

Location and Accommodations

Specific location and accommodation information will be listed on our web-site 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 up to \$44 off regular price!

Registration Form *MRI Conference* Day one Day two Both days

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

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

Expiration Date _____ Signature _____

Please enclose payment to MTMI:

	Day One	Day Two	Both Days
Regular price	<input type="checkbox"/> \$189 (\$171-member)	<input type="checkbox"/> \$189 (\$171-member)	<input type="checkbox"/> \$359 (\$323-member)
*Advance price	<input type="checkbox"/> \$179 (\$161-member)	<input type="checkbox"/> \$179 (\$161-member)	<input type="checkbox"/> \$339 (\$305-member)
At-the-door-price	<input type="checkbox"/> \$199 (\$179-member)	<input type="checkbox"/> \$199 (\$179-member)	<input type="checkbox"/> \$379 (\$341-member)
MTMI membership	<input type="checkbox"/> \$42.50 (discount effective immediately)		
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.

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.