

Magnetic Resonance Safety Expert (MRSE)

~ WEBINAR for Physicists & Technologists ~



March 2, 2019

Instructor:

Max Amurao, PhD, MBA, DABR(D,N), MRSE, CMLSO

~ 8 hours CAMPEP credit

~ 9.5 Category A credit

MTMI Medical Technology
Management Institute

Schedule

- 8:00 am **MRI Safety for Medical Physicists and MRI Scientists - Introduction**
- 8:15 am **Static Magnetic Field**
- 9:15 am **Time Varying Radiofrequency Fields**
- 10:15 am **Break**
- 10:30 am **Time Varying Magnetic Fields**
- 12:00 pm **Lunch**
- 12:30 pm **MRI Safety – Accreditation and Regulatory Considerations**
- 1:00 pm **MRI Safety - Considerations for Engineering Controls**
 - MR construction & shielding design
 - MR safety zones
 - MR safety equipment
- 2:00 pm **MRI Safety - Considerations for Administrative Controls**
 - MR safety training
 - Signs and labels
 - Access control
 - MR safety committee
- 3:00 pm **Break**
- 3:15 pm **MRI Safety – Considerations for Procedural Controls**
 - MR safety screening
 - Implants, devices, objects
 - Patient positioning
 - Claustrophobia, anxiety, distress
- MRI Safety - Special Considerations**
 - Pregnancy considerations
 - Emergencies in the MRI environment
 - Cryogen safety
- 4:45 pm **Q & A**
- 5:00 pm **Adjourn**
 - ~ times listed in Central Time ~
 - ~ schedule subject to change ~

Instructor

Max Amurao, PhD, MBA, DABR(D,N), MRSE, CMLSO

Dr. Amurao is an actively practicing safety professional and medical physicist. He is certified by the American Board of Radiology in Diagnostic Medical Physics and Nuclear Medical Physics, by the Board of Laser Safety, and by the American Board of MR Safety. He currently serves as the Director of Radiation Safety for Washington University in Saint Louis, and as an Assistant Professor in the Mallinckrodt Institute of Radiology.



register online at www.mtmi.net

Educational Objectives

Upon completion of this activity, the participant will be able to:

- Understand the MRI safety considerations for MR static magnetic fields, time varying magnetic field and time varying radiofrequency fields.
- Review the accreditation and regulatory considerations regarding MR safety.
- Describe the engineering controls for MR safety when considering MR construction & shielding design, MR safety zones & MR safety equipment.
- Identify MR safety considerations when conducting MR procedures.
- Become familiar with MRI safety considerations for administrative controls which include MR safety training, signage and labeling, access control and importance of MR Safety Committee.

Credits

CAMPEP - This program provides 8 hours of continuing education for medical physicists. The program has been approved by CAMPEP for Medical Physics Continuing Education Credit (MPCEC) for qualified medical physicists.

ASRT - This program provides 9.5 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.

Magnetic Resonance Safety Expert (MRSE)

Webinar - March 2, 2019

Print Name: _____

Home address: _____

City: _____ State: _____ Zip: _____

Day phone: (____) _____ Evening phone: (____) _____

Email: _____

(confirmation email will be sent to this address)

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

cc#: _____

Exp. date: _____ 3 dig code: _____

Registration Fees	price	member price
Physicist	<input type="checkbox"/> \$350	<input type="checkbox"/> \$316
Technologist	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250
MTMI membership Physicist/Technologist	<input type="checkbox"/> \$65/\$39 (discount effective immediately)	
~ Cancellation fees apply - see website for details ~		

Total:
\$ _____

PLEASE ENCLOSE PAYMENT TO:

MTMI
W140 N8917 Lilly Road
Menomonee Falls, WI 53051

or call 262-717-9797 or 800-765-6864