



Magnetic Resonance Safety Expert (MRSE)

2018

9.5 Category A Credits & 8 CAMPEP Credits

Instructor:

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

Webinar date:

January 20

August 11

October 13

Overview

This program is for medical physicists and others wanting to learn more about the technical aspects of MR imaging and those wishing to obtain the continuing education credits required for physicists by the ACR MRI facility certification requirements. It is also appropriate for medical physics students and residents, technically oriented radiologists, MRI technologists and MRI company personnel will also find it of value.

dates and times listed on webpage

Schedule

MRI Safety for Medical Physicists and MRI Scientists - Introduction

Static Magnetic Field

Time Varying Radiofrequency Fields

Time Varying Magnetic Fields

MRI Safety – Accreditation and Regulatory Considerations

MRI Safety - Considerations for Engineering Controls

- MR construction and shielding design
- MR safety zones
- MR safety equipment

MRI Safety - Considerations for Administrative Controls

- MR safety training
- Signs and labels
- Access control
- MR safety committee

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



Course Credit:

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.

This program is designed to provide 8 hours of continuing education. The program has been submitted for approval by **CAMPEP** for Medical Physics Continuing Education Credit (MPCEC) for qualified medical physicists. You must attend the entire program to receive your certificate of completion.

About the Program

This program is designed for those individuals that anticipate fulfilling the role of MR Safety Expert and serve as a resource for the MR Safety officers and MR Medical Director. The MR Safety Expert is intended to possess knowledge and understanding of the physics related to MR safety issues and to provide guidance for those working in the MR industry. This program will provide you with the knowledge you will need to proceed to the next level and prepare you for the MRSE certification exam.

It seems likely that the majority of MRSO's will be MR technologists, and the majority of MRSEs will be MR physicists. However, this is not at this time a requirement of the ABMRS, and as of today, there are no specific requirements, achievements, education, or certification requirements as to who can apply to take the MRSO or MRSE examinations. The MRMD examination is designed for licensed physicians.

Note: This program is not affiliated with the ABMRS.

Magnetic Resonance Safety Expert (MRSE)

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)

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

cc#: _____

Exp. date: _____ 3 dig code: _____

Date attending: _____

Course Fees ----	price	*early price	member price	*early member price
<i>Technologist</i>	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250	<input type="checkbox"/> \$216	<input type="checkbox"/> \$216
<i>Physicist</i>	<input type="checkbox"/> \$350	<input type="checkbox"/> \$350	<input type="checkbox"/> \$316	<input type="checkbox"/> \$316
<i>MTMI membership</i>	<input type="checkbox"/> \$39-technologist <input type="checkbox"/> \$65-physicist (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 ~				

PLEASE ENCLOSE PAYMENT TO:

MTMI

Medical Technology
Management Institute

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:

\$ _____