



Vascular Ultrasound Training Course

2019

18.0 *AMA PRA Category 1 Credits*™
18.75 Category A+ Credits

- Mar 8-10 in Milwaukee, WI
- Oct 4-6 in Milwaukee, WI

MTMI

Medical Technology
Management Institute

A Division of The College of Health Care Professions

This 3-day Vascular Ultrasound course is designed for sonographers, echocardiographers, interventional technologists and physicians seeking intensive training on the essential aspects of vascular ultrasound. This course provides an opportunity to complement the professional's existing skills with non-invasive vascular examination techniques.

course location information on webpage under location tab

Schedule	Day One
	8:00 am Registration and Coffee
	8:30 am Overview of Ultrasound Physics and Instrumentation <ul style="list-style-type: none"> • Basic ultrasound physics • B-mode/gray-scale principles • Doppler principles • Fluid dynamics • Equipment instrumentation and optimization
	10:10 am Informal Discussion and Break
	10:20 am Extracranial Cerebrovascular <ul style="list-style-type: none"> • Anatomy and hemodynamics • Testing indications • Study protocols • Data interpretation and diagnostic criteria • Pathology/Case review
	12:00 pm Lunch
	1:00 pm Transcranial Doppler <ul style="list-style-type: none"> • Anatomy • Study protocols
	2:40 pm Informal Discussion and Break
	2:50 pm Case Study Review
	3:30 pm Hands-on Scanning (Instructor Led)
	4:30 pm Adjourn for the Day
	Day Two
	8:30 am Peripheral Arterial – Duplex Imaging and Physiologic Testing <ul style="list-style-type: none"> • Anatomy and hemodynamics • Testing indications • Study protocols • Data interpretation and diagnostic criteria • Pathology/Case review
	10:10 am Informal Discussion and Break
	10:20 am Hands-on Scanning (Instructor Led)
12:00 pm Lunch	
1:00 pm Peripheral Venous – Upper/Lower Extremity, Vein Mapping, Hemodialysis <ul style="list-style-type: none"> • Anatomy and hemodynamics • Testing indications • Study protocols • Data interpretation and diagnostic criteria 	
2:40 pm Informal Discussion and Break	
2:50 pm Pathology/Case review	
3:50 pm Hands-on Scanning (Instructor Led)	
5:30 pm Adjourn for the Day	
Day Three	
8:00 am Abdominal/Visceral vascular – Aortoiliac, Renal, Mesenteric, Hepatoportal <ul style="list-style-type: none"> • Anatomy and hemodynamics • Testing indications • Study protocols • Data interpretation and diagnostic criteria • Pathology/Case review 	
10:45 am Informal Discussion and Break	
11:00 am Hands-on Scanning (Instructor Led)	
12:30 pm Adjourn Course ~ schedule subject to change ~	

Course Credit:

This program provides **18.75 hours of Category A+** continuing education credit for radiologic technologists approved by ASRT and recognized by the ARRT and various licensure states. ARRT 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. ASRT meets the requirements of the ARDMS Accepted Continuing Education Evaluation Model System (ACEEMS).

The Medical Technology Management Institute is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Medical Technology Management Institute designates this live activity for a maximum of **18 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity

About the Course

The course begins with a review of the basic ultrasound physics and instrumentation gray scale and Doppler principles, and fluid dynamics. Additional discussions include methods for optimizing the quality of diagnostic data obtained during an ultrasound examination. Specific applications are then addressed beginning with a review of the relevant anatomy and physiology followed by in-depth presentations on examination techniques, protocols and diagnostic criteria. The specific applications that will be addressed include: extra-cranial and intracranial cerebrovascular, abdominal and retroperitoneal (including large vessels as well as organs), and peripheral arterial and venous imaging and non-imaging assessments.

The didactic course work for each application will be complemented by supervised scanning sessions conducted in small groups using live models and experienced instructors on a variety of ultrasound systems. Additional topics covered in the course will include recent advances in technology, practice issues as well as quality assurance measures.

2019 Vascular Ultrasound Training Course

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)

Date attending: _____

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

cc#: _____

Exp. date: _____ 3 dig code: _____

Course Fees ----	price	*early price	member price	*early member price
Technologist	<input type="checkbox"/> \$950	<input type="checkbox"/> \$905	<input type="checkbox"/> \$925	<input type="checkbox"/> \$880
Physician	<input type="checkbox"/> \$1250	<input type="checkbox"/> \$1205	<input type="checkbox"/> \$1225	<input type="checkbox"/> \$1180
MTMI membership	<input type="checkbox"/> \$39-tech/ \$79-MD (discount effective immediately)			
* Qualifying 'Early' registrations must be made at least 21 days in advance for the program.				
~ cancellation fees apply - see website or call ~				



PLEASE ENCLOSE PAYMENT TO:

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:

\$ _____