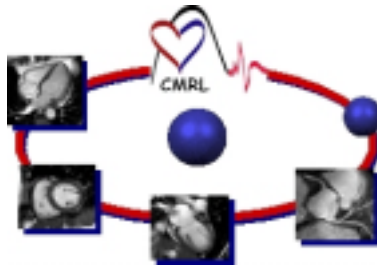
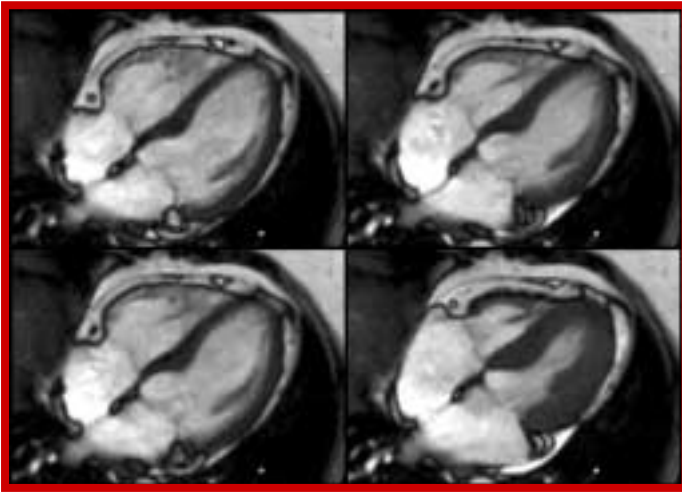




Washington University in St. Louis
SCHOOL OF MEDICINE

Hands-On Technologist Training: *“A Practical Cardiovascular MR Course”*



Cardiovascular MR Laboratories
Washington University Medical Center, St. Louis

A Two-Day Course Offered Bi-Monthly

Sponsored By
Washington University School of Medicine
Continuing Medical Education

GENERAL INFORMATION

Location: Cardiovascular MRI (Shoenberg B914), Washington University Medical Center, 216 South Kingshighway, St. Louis, Missouri 63110. A map will be included with the registration acknowledgment. If you have not received an acknowledgment within two weeks of your registration submission, please call the Cardiovascular MR Laboratory.

Parking: Ticket validation is available for paid registrants. Parking is available in the following garage.

North Parking Garage(enter from Euclid Ave.)

Hotel Accommodations: Make your hotel reservations directly with the hotel of your choice. The following is a partial listing of local hotels. Please contact the Cardiovascular MR Laboratory for other options, if needed.

Chase Park Plaza

232 N. Kingshighway
St. Louis MO 63108 (314) 633-1000
(Hotel courtesy van or walking distance)

Hyatt Regency at Union Station

One St. Louis Union Station
St. Louis MO 63103 (314) 231-1234
(Metro Link accessible to medical ctr.)

The Parkway Hotel

4550 Forest Parkway Blvd.
St. Louis MO 63110 (314) 256-7777
(Directly across street from CMRL scanner)

The Daniele Hotel

216 N. Meramec Ave.
St. Louis MO 63105 (314) 721-0101
(Transportation Provided)

MetroLink: The Central West End MetroLink Station is conveniently located at the medical center on Euclid Avenue between Scott Avenue and Children's Place, ½ block south of the Medical Center. MetroLink is accessible as far north as the Airport to downtown St. Louis with stations located at Forest Park; Union Station; Savvis Center; Busch Stadium; 8th & Pine; Convention Center; Laclede's Landing and ending in East St. Louis, Illinois.

Please Note: Washington University is not responsible for airline or hotel reservations. Please confirm registration acceptance prior to purchase of non-refundable or penalty airline tickets.

Cancellations: Registration fee less \$50 administration charge is refundable if cancellation is **received in writing** 2 weeks prior to commencement of course.

For Further Course Information:

Cardiovascular MR Laboratory, Washington University School of Medicine

Phones: (314) 454-7459 FAX: (314) 454-7490

Web Pages: <http://cmrl.wustl.edu>

Minimum & Maximum Enrollments Have Been Established.

OBJECTIVES

This course is designed for MRI technologists interested in obtaining practical knowledge of the principles of cardiac MRI and its implementation on a clinical scanner.

The intended result of this activity is increased knowledge and technical ability. After completion of the course, the attendee should be able to:

- ❑ Understand basic Cardiovascular MR imaging techniques.
- ❑ Be familiar with the general MR physics as applied to Cardiac MR.
- ❑ Be familiar with basic imaging protocols for most common referrals.
- ❑ Understand how to and be able to perform a basic cardiac MR function exam.
- ❑ Be able to perform flow assessment in aortic and mitral valves.
- ❑ Be able to perform coronary artery imaging.
- ❑ Be able to perform myocardial viability imaging.

ACCREDITATION

Washington University is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

CREDIT

The American Society of Radiologic Technologist (ASRT) designates this educational activity for a maximum of **14 Category A credits**. Each person should claim only those hours of credit that he/she actually spent in the educational activity.

DISCLOSURE POLICY

It is the policy of Washington University School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity and scientific rigor in all its educational activities. All faculty participating in this activity are expected to disclose to the audience any significant financial interest or other relationship he/she has with the manufacturer(s) of any commercial product(s) discussed in an educational presentation.

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE ACTIVITY FACULTY

Shelton Caruthers, PhD, *MR Clinical Scientist, Philips Medical Systems
Associate Director of Cardiovascular Magnetic Resonance Laboratories*

Lynn Coulter, RN, *Project Manager, Cardiovascular Magnetic Resonance
Laboratories*

Tamara Donahue, RN, BSN, *Clinical Research Coordinator, Cardiovascular
Magnetic Resonance Laboratories*

Mary P. Watkins, R.T. (MR) (R), *Cardiovascular MR Technologist
Cardiovascular Magnetic Resonance Laboratories*

Samuel A. Wickline, M.D., *Professor of Medicine
Co-director of the Cardiovascular Division*

Todd Williams, RT (MR) (R), *Cardiovascular MR Technologist, Cardiovascular
Magnetic Resonance Laboratories*

CONDENSED SYLLABUS

DIDACTIC

- ❑ Basic Cardiac Imaging Review – 1 hour
 - Cardiac Anatomy
 - Standard Cardiac Views
 - Getting a Good ECG/VCG

HANDS-ON

- ❑ Basic Exam – 5 hours
- ❑ Coronary Exam – 2.5 hours
- ❑ Myocardial Viability Exam – 2 hours
- ❑ Image post-processing – 1 hour
- ❑ Image Reading Session – 1.5 hours

**ADVANCE REGISTRATION
PRACTICAL CARDIOVASCULAR MR:
Hands-On Technologist Training**

To ensure proper spelling of your name, please print clearly.
The information provided will be printed on your CE certificate exactly as it appears below.

First Name	Initial	Last Name	Degree
------------	---------	-----------	--------

Hospital/Company Affiliation

Street Address

City / State / Zip Code

Office Telephone Number	FAX
-------------------------	-----

Specialty: _____ E-Mail: _____

REGISTRATION FEES

Entire Course: \$ 800.00

Course without CE Credits: \$ 750.00

Fees include enrollment, educational materials, continuing education credits, and medical center parking. Sorry, no discount can be given for partial attendance.

THREE CONVENIENT WAYS TO REGISTER!

MAIL this completed form with your check or money order payable to:

Washington University

Mail to: Washington University, Cardiovascular Division, Attn: Marie Duncan, Campus Box 8086, 660 South Euclid Ave., St. Louis, MO 63110

FAX this completed form to Fax # (314) 454-7490

PHONE your registration to Phone # (314) 454-7459

Confirmation will be sent via e-mail and/or US Mail upon receipt of completed registration form.

Note: Dates and Fees of future courses are subject to change without prior notice.

Cardiovascular MR Labs

Washington University School of Medicine,

Division of Cardiology

660 S. Euclid – Campus Box 8086

St. Louis, Missouri 63110