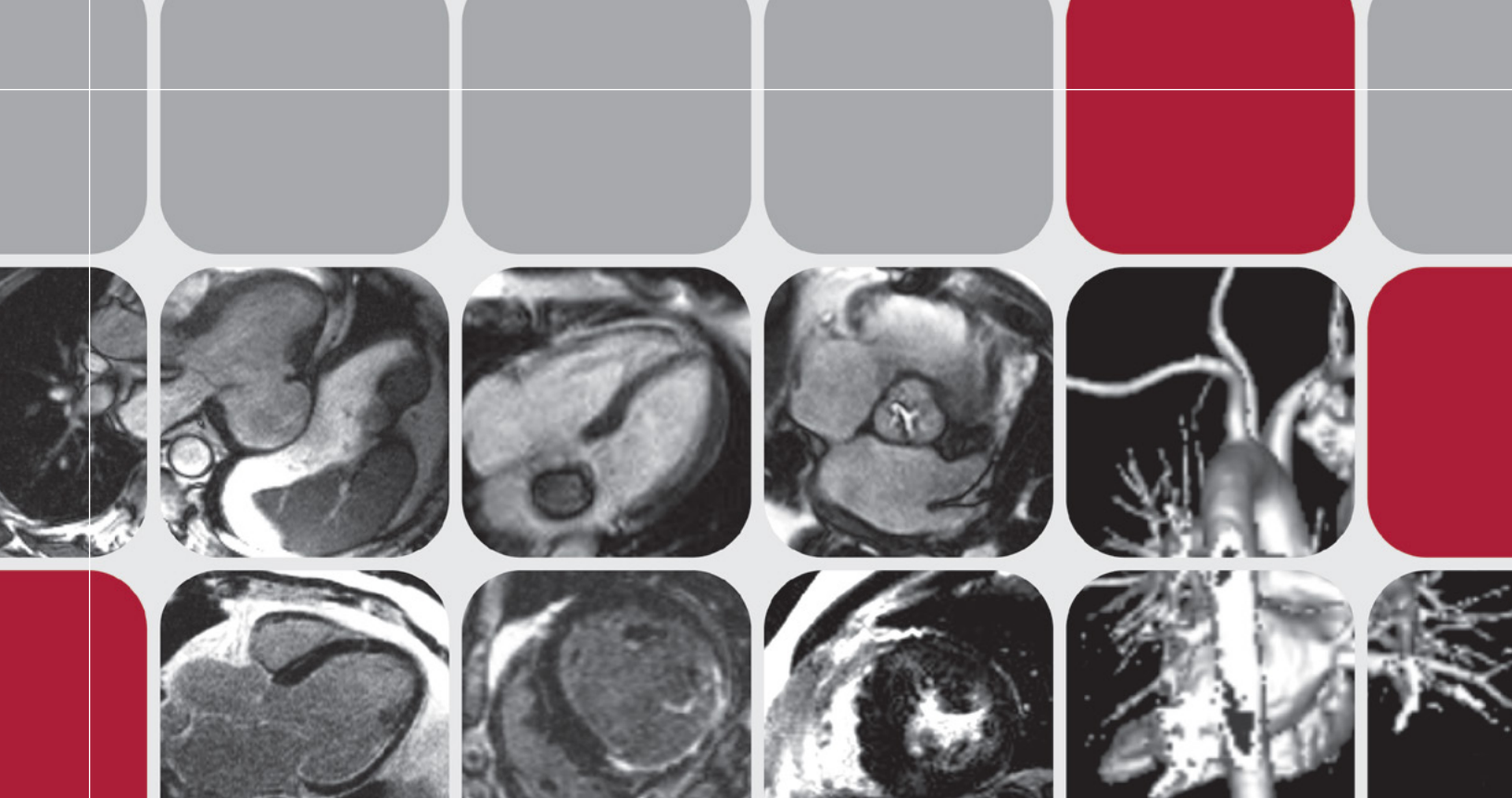




CARDIAC MRI WORKSHOP

SEPTEMBER 8-12, 2014

HOUSTON METHODIST HOSPITAL | HOUSTON, TEXAS

PROGRAM DIRECTOR: *Dipan J. Shah, MD, FACC*

Sponsored by Houston Methodist

HOUSTON
MethodistSM
DEBAKEY HEART &
VASCULAR CENTER

houstonmethodist.org/cme





CARDIAC MRI WORKSHOP

PROGRAM OVERVIEW

Cardiovascular MRI (CMR) is a unique imaging modality that is used in diagnosing and subsequently managing cardiovascular diseases in patients. CMR provides a robust, noninvasive means of assessing myocardial function, viability and morphology. Additionally it can be useful in assessing valvular heart disease, cardiac tumors, and the vascular system. There are many advantages to obtaining a CMR; with detailed images and quantitations, referring physicians are able to obtain one test to answer their questions with the treatments of their patients. This technology holds tremendous promise in evaluating and treating CV diseases.

Associated with its robust nature, CMR is also a very complex technology with a steep learning curve. As a result, there are currently few centers performing CMR in routine clinical practice. The Cardiovascular MRI Workshop is a week long program that covers the practical applications of Cardiac MRI. Topics will include basic MRI principles, cardiac anatomy, late gadolinium enhancement, stress imaging, vascular imaging, case interpretations and troubleshooting of image acquisitions. This program emphasizes the development of practical skills and knowledge, therefore it is limited to small groups in order to better facilitate lectures and hands on experiences. The workshop is geared for cardiologists, radiologists, and technologists who are interested in gaining exposure to CMRI, and attendees can expect to review up to 50 clinical CMR cases.

TARGET AUDIENCE

Cardiologists, Radiologists, MRI Technologists

EDUCATIONAL OBJECTIVES

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

- Apply the basics of MRI physics to CMR
- Demonstrate the appropriate use of CMR for cardiac/vascular imaging
- Describe assessment and principles of vascular imaging
- Demonstrate knowledge of case interpretations
- State the appropriate use of stress imaging

EDUCATIONAL METHODS

Didactic Presentations, Case Studies, and Demonstrations of Procedures

ACCREDITATION AND CREDIT DESIGNATION STATEMENTS

Houston Methodist is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Houston Methodist designates this live activity for a maximum of 29.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

EVALUATION

Evaluation by online questionnaire will address program content, presentation, possible bias and intent to change current practice.

ADA STATEMENT

 In compliance with the Americans with Disabilities Act, Houston Methodist will make reasonable efforts to accommodate persons with disabilities at this symposium. Please call 713.441.4971 for further information, or if you need special assistance.

CANCELLATION/REFUND POLICY

Requests for cancellation and registration refunds must be in writing and received by the Office of Continuing Medical Education (OCME) at least 15 business days before the course begins. The date the request is received by the OCME will be considered the cancellation date. Requests received after the refund deadline will be refunded minus half the registration fee (\$1,000). Cancellations are subject to a \$50 administrative fee deducted from the registration fee paid to cover guarantees and other expenses. Requests should be mailed to the OCME or faxed to 713.441.0589.

The OCME reserves the right to cancel activities, not less than 10 business days before the scheduled date, if extenuating circumstances make it necessary. Registrants will be notified at the contact number indicated on the registration form followed by written notification. If an activity is cancelled, OCME's liability is limited to the registration fee paid. Note: If payment is made by check, a social security number is required to process the refund.

DISCLOSURE

In order to meet the requirements of the Accreditation Council for Continuing Medical Education it is the policy of Houston Methodist that all individuals who are in a position to control the content of a CME course (course director, planning committee members, and faculty) disclose relevant financial relationships with commercial interests. All identified conflicts of interest are managed to help ensure that the educational material is scientifically based, accurate, and objectively presented. Faculty are also required to disclose any discussions of off-label or investigational uses of any commercial products or devices not yet approved in the United States. Specific disclosure will be made to the participants prior to the educational activity.

CONFERENCE LOCATION

Houston Methodist Hospital • 6565 Fannin St., Houston, TX 77030
713.441.4971

NEARBY ACCOMMODATIONS

The Marriott at The Texas Medical Center
(connected to Houston Methodist via crosswalk)
6580 Fannin St., Houston, TX 77030
1.888.236.2427 or marriott.com

Please reference *Cardiac MRI September* when calling in to reserve your room to ensure accommodations.

HOUSTON METHODIST GLOBAL

Customized learning experiences are available, including clinical observation, leadership training and simulation courses. Call 1.713.441.8032 or visit globaleducation@houstonmethodist.org

Proceeds from the course will be used to further Cardiac MRI training and education at Houston Methodist Hospital.

PROGRAM DIRECTOR

Dipan J. Shah, MD, FACC

Director, Cardiac MRI

Houston Methodist DeBakey Heart & Vascular Center

Assistant Professor of Medicine

Weill Cornell Medical College

FACULTY

Faisal Nabi, MD, FACC

Cardiac Imaging, Houston Methodist DeBakey Heart & Vascular Center

Assistant Professor of Medicine, Weill Cornell Medical College

Juan C. Lopez-Mattei, MD, FACC, FASE

Assistant Professor, Cardiology Department

Cardiovascular Multimodality Imaging, MD Anderson Cancer Center

Mohamad G. Ghosn, PhD

Biomedical Engineering/Medical Imaging, Houston Methodist Hospital

AGENDA

DAY 1	8:30 A.M. to 10:30 A.M.	Lectures: Basics of MRI physics and MRI safety; Image acquisition with cardiac gating; Cardiac cine sequences; and Cardiac morphologic sequences
	10:30 A.M. to 4:30 P.M.	Clinical case observation, troubleshooting tips, and case interpretations
DAY 2	8:30 A.M. to 10:30 A.M.	Lectures: Cardiac viability technique and clinical applications
	10:30 A.M. to 4:30 P.M.	Clinical case observation, troubleshooting tips, and case interpretations
DAY 3	8:30 A.M. to 10:30 A.M.	Lectures: Cardiomyopathies and stress perfusion imaging
	10:30 A.M. to 4:30 P.M.	Clinical case observation, troubleshooting tips, and case interpretations
DAY 4	8:30 A.M. to 10:30 A.M.	Lectures: Assessment of valvular heart disease
	10:30 A.M. to 4:30 P.M.	Clinical case observation, troubleshooting tips, and case interpretations
DAY 5	8:30 A.M. to 10:30 A.M.	Lecture: MRI assessment of central vascular system (aorta and pulmonary veins)
	10:30 A.M. to 3:30 P.M.	Clinical case observation, troubleshooting tips, and case interpretations

REGISTER TODAY USING ONE OF THESE FOUR METHODS

PHONE: 713.441.4971

FAX: 713.441.0589

ONLINE: houstonmethodist.org/cme

MAIL: Houston Methodist Hospital, OCME

Attention: Cardiac MRI (#244)

6565 Fannin St., MGJ9-004, Houston, TX 77030

REGISTRATION FEE

\$2,500

LAST NAME

FIRST NAME

CREDENTIALS

ORGANIZATION

SPECIALTY

TITLE/POSITION

ADDRESS

CITY

STATE

ZIP

OFFICE PHONE

OFFICE FAX

EMAIL

☐ Do not include me in future mailing lists

☐ Check or Money Order (made payable in U.S. funds to The Methodist Hospital)

☐ Credit Card: I authorize The Methodist Hospital to charge my: ☐ Visa® ☐ MasterCard® ☐ AMEX®

CREDIT CARD NO.

EXP. DATE

NAME ON THE CARD

AUTHORIZED SIGNATURE

SPECIAL/DIETARY NEEDS (Please specify)

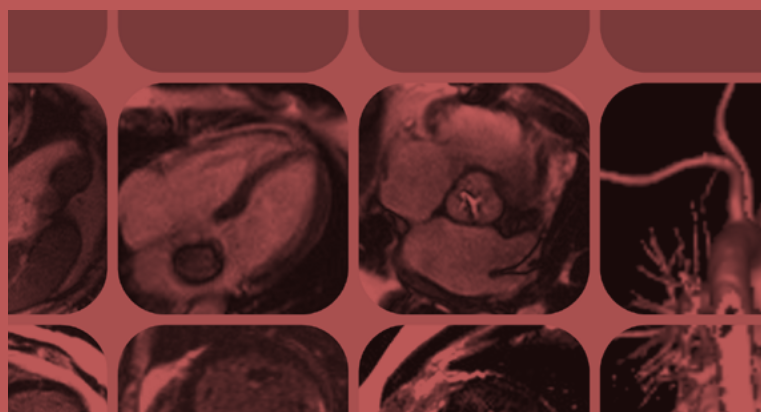
Houston Methodist
Office of Continuing Medical Education
6565 Fannin St., MGJ9-004
Houston, TX 77030

Non-Profit Org.
U.S. Postage
PAID
Permit No. 6311
Houston, TX

CARDIAC MRI WORKSHOP

A weeklong, hands-on course

- Topics including basic MRI principles, cardiac anatomy, late gadolinium enhancement, stress imaging, vascular imaging, case interpretations and troubleshooting of image acquisitions
- Limited group sizes to better facilitate lectures and hands-on experiences
- Opportunity to review up to 50 clinical MRI cases



Register today at www.houstonmethodist.org/cme.

HOUSTON
MethodistSM
DEBAKEY HEART &
VASCULAR CENTER

