

Registration Form

Cardiovascular MR Practicum
October 13-17th, 2008
Duke Cardiovascular MR Center
DUMC - 3934
Durham, North Carolina 27710

Name

Organization

Address

City

State

Zip Code

E-mail Address

Telephone No.

Fax No.

Medical Specialty

Course Fee: MD: \$2,500; Tech: \$2,000; Tech: \$1,500

Method of Payment (check one)

Check (made payable to Duke University)

Credit Card (check one)

Visa Mastercard Discover Am Express

Acct No.: _____

Exp. Date: _____

Signature: _____

Mail Registration Form to:

DCMRC – Duke University
DUMC 3934
Durham, NC 27710

Tel. (919) 668-3539
Fax (919) 668-3554

Duke Cardiovascular MR Center
Duke University Medical Center
DUMC 3934
Durham, NC 27710



CARDIOVASCULAR MR PRACTICUM

October 13-17th, 2008

Duke Cardiovascular MR Center
Duke University Medical Center
Durham, North Carolina

We wish to acknowledge
Siemens Medical Solutions, Inc
for providing an educational grant
in support of this program

OVERVIEW

This practicum, developed by the Duke Cardiovascular Magnetic Resonance Center (DCMRC), is designed to provide the participant with an understanding of the principles of magnetic resonance imaging, safety issues in performing cardiac MR, and imaging protocols currently available for the evaluation of the structure and function of the cardiovascular system. Case presentations, one-on-one discussion and observation of actual patient imaging will be emphasized.

LOCATION

The program will be presented at Duke University Medical Center, including the DCMRC. In addition, participants will spend one day at the Siemens teaching facilities in Cary, NC.

REGISTRATION

Please complete the attached registration form and return by mail. The course fee includes tuition, teaching materials, transportation to the Siemens facilities in Cary, continental breakfast and lunch while at Duke University Medical Center and the reception and dinner on Monday and Thursday evenings, respectively. Enrollment is limited to thirty participants. Please notify Michele Parker (919) 668-1671 should cancellation be necessary. Refunds of the course fee less a \$50 processing charge will be provided for cancellations prior to September 15, 2008; no refunds will be provided for cancellations after September 15, 2008.

LODGING

A list of nearby motels/hotels will be provided upon request.

FACULTY

Robert Judd, PhD
Co-Director, Duke Cardiovascular MR Center

Raymond Kim, MD
Co-Director, Duke Cardiovascular MR Center

Han Kim, MD
Medical Instructor, Duke University

FACULTY (continued)

Manesh Patel, MD
Assistant Professor of Medicine, Duke University

Igor Klem, MD
Medical Instructor, Duke University

Anna Lisa Crowley, MD
Assistant Professor of Medicine, Duke University

Stephen Darty, RT-N, MR, BS
Cardiovascular MR Technologist, Duke University

Laura Heyneman, MD
Assistant Professor of Radiology, Duke University

Donald Hegland, MD
Medical Instructor, Duke University

J Rene' Herlong, MD
Pediatric Cardiologist, The Sanger Clinic

Dipan Shah, MD
Assistant Professor of Medicine
Weil Cornell Medical College, Houston, TX

John Grizzard, MD
Assistant Professor of Radiology, VCU

Anne Marie Valente, MD
Associate in Pediatric & Adult Cardiology
Harvard Medical School

Orlando Simonetti, PhD
Director, Card MR & CT Research, Ohio State University

Wolfgang Rehwald, PhD
Senior Scientist, Siemens Medical

Gary McNeal, MS, BSEE
Advanced App Spec, CV MR R & D, Siemens Medical

Kathryn Wissink, RT R MR
Senior MR Education Instructor, Siemens Medical

PROGRAM

Monday, October 13, 2008

8:00-8:30 Registration
8:30-9:00 Welcome & Introductions
9:00-12:30 Lectures: Cardiovascular MRI facilities & computing needs; image acquisition with cardiac gating; MR safety
1:30-5:00 Lectures: Imaging sequences optimized for visualizing cardiovascular anatomy, function, viability, perfusion and flow; Artifacts I
5:30-7:00 Welcome reception

PROGRAM (continued)

Tuesday, October 14, 2008

8:30-5:00 Participants will spend the entire day at the Siemens classroom facilities in Cary, NC. Simulated MR scanner consoles will be used to provide hands-on experience in performing cardiovascular imaging protocols and post-processing procedures

Wednesday, October 15, 2008

8:30-2:30 Lectures: MR assessment of cardiac function; myocardial viability, and stress perfusion testing; differentiation of artifacts, MR assessment of heart failure and hypertrophic disorders
2:30-5:00 Participants will choose to either observe actual patient cases in the Inpatient (Duke North) & Outpatient (Duke South) facilities or will review and discuss patient cases

Thursday, October 16, 2008

8:30-2:30 Lectures: Appropriateness criteria for cardiac MR; imaging of the coronary arteries and pulmonary veins; MR evaluation of intracardiac masses; congenital cardiac disorders I, and; and assessment of the peripheral vascular system
2:30-5:00 Actual patient cases/Review and discussion of patient cases (see Wed afternoon)
6:30-9:00 Dinner

Friday, October 17, 2008

8:30-12:30 Lectures: Congenital cardiac disorders II, evaluation of cardiovascular hemodynamics including measurement of flow, shunts and valves; assessment of the central vascular system; evaluation of the pericardium; and reimbursement of cardiovascular MR procedures
1:00-2:30 Actual patient cases/Review and discussion of patient cases (see Wed afternoon)