

# Noninvasive Cardiovascular Imaging Conference Series

**August 2, 2006 - June 30, 2007**  
**Wednesdays**  
**12 noon - 1 p.m.**  
**1001 Delp**

**Presented by**  
**Mid-America Cardiology**  
**and**  
**University of Kansas Continuing Education**

**The University of Kansas Medical Center**  
**3901 Rainbow Blvd.**  
**Kansas City, Kansas**

## Program Chair

**Kevin Mulhern, MD**, Associate Professor of Medicine, Section of Cardiovascular Diseases, Department of Internal Medicine; Mid-America Cardiology

## Overview

The purpose of the weekly Noninvasive Cardiovascular Imaging Conference is to provide attendees the opportunity to review and discuss established applications of echocardiography and peripheral vascular ultrasound, nuclear cardiac imaging, cardiac CT imaging, and cardiac MRI, and to explore emerging issues and developments in these fields. The program format consists of lectures, case presentations, and interactive discussions on topics outlined in the program schedule. Each week the 1 hour conference is a presentation of the designated topic, followed by discussion and case presentation.

## Target Audience

This series is designed for cardiologists, cardiology fellows, cardiac and vascular sonographers, nuclear cardiology technologists, cardiac anesthesiologists, cardiac surgeons and other nursing and allied health care professionals with an interest in noninvasive cardiovascular imaging.

## Objectives

*At the completion of this grand rounds series, participants should be able to:*

- Discuss the technical and clinical aspect of noninvasive cardiovascular imaging:
  - Protocols and standards used in performing and interpreting the routine examinations
  - Principles of each technique for the evaluation of cardiac anatomy, physiology and pathophysiology
  - Correlation of echo, nuclear, CT/CTA, and MR and vascular imaging findings
  - New advances in imaging technology and applications
  - Techniques important to continuing quality improvement for enhancing efficiency and accuracy in practice;

Apply the data and principles presented to the performance and interpretation of routine and complex rest and exercise noninvasive imaging studies:

- Integration of new techniques and applications into the current routine with the knowledge of published supporting data
- Methods for quantifying cardiac valvular lesions and vascular lesions
- Advanced applications for quantifying ventricular systolic and diastolic function; and

Evaluate the effectiveness of protocols and methods used in their current practice:

- Review their own work and their peers' work during case presentations and discussions
- Correlation of results with other diagnostic modalities
- As new techniques are incorporated, critical evaluation of effectiveness will be discussed.

## Planning Committee

**University of Kansas Medical Center, Kansas City, Kansas**

**Mary Chivington, BS, RDCS, RVT**, Mid-America Cardiology

**Mary L. Kinnaman, PhD, RN**, Assistant Dean for Community Affairs; Director of Nursing Continuing Education, School of Nursing

**Laura Kuzava, BA, RDCS**, Cardiac Sonographer, Mid-America Cardiology

**Kevin Mulhern, MD**, Associate Professor of Medicine, Section of Cardiovascular Diseases, Department of Internal Medicine; Mid-America Cardiology

**Julie Darrington, BA**, Program Assistant, KUMC Continuing Education

**Andrea Shaw, MA**, Director, KUMC Continuing Education

## Accreditation

All participants are required to sign attendance rosters at the beginning of each session. Continuing education credit will be prorated according to documented attendance.

### Physicians

The KU Medical Center Office of Continuing Medical Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The KU Medical Center Office of Continuing Medical Education designates this educational activity for a maximum of 1 category 1 credit per session toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

**Nurses:** This educational activity for 1.2 contact hours per session is provided by the University of Kansas School of Nursing, Continuing Nursing Education, which is accredited as a provider of continuing education in nursing by the American Nurses Credentialing Center's Commission on Accreditation.

## Accreditation

*Continuing education credit will be prorated according to documented attendance.*

*All participants are required to sign attendance rosters or swipe in at the beginning of each session.*

### Nurses

University of Kansas School of Nursing is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

#### *July-December 2006*

This educational activity is approved for 1.2 contact hours per session. Contact hours were calculated using 2006 rules.

#### *January-June 2007*

This educational activity is approved for 1 contact hour per session. Contact hours were calculated using 2007 rules.

## Physicians

The KU Medical Center Office of Continuing Medical Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The KU Medical Center Office of Continuing Medical Education designates this educational activity for a maximum of 1 *AMA PRA Category 1 Credit(s)*<sup>TM</sup> per session. Physicians should only claim credit commensurate with the extent of their participation in the activity.

## Faculty

Please refer to broadcast emails for current information regarding faculty and topics.

**For more information please contact Mary Chivington at 913-588-9635.**

## Disclosure of Relevant Financial Arrangements

As a provider accredited by the Accreditation Council for Continuing Medical Education (ACCME) and the American Nurses Credentialing Center (ANCC), the University of Kansas Medical Center Continuing Education must ensure that the health and well being of the public is more important than any economic interest, and that activity content is effective in improving practice, independent of commercial interests, and based on valid content. Individuals with control over the content of this activity are required to disclose to the learners any relevant financial relationships within the past 12 months with any proprietary entities producing healthcare goods or services related to the content of the activity (with the exemption of non-profit or governmental organizations and non-healthcare related companies). This includes any relevant financial arrangements involving their spouse/partner. Relevant financial relationships may include employment, management position, independent contractor (including contracted research), consulting, speaking and teaching, membership on advisory committees or review panels, board membership, etc. The intent of this disclosure is not to prevent an individual with a relevant financial relationship from being a planning committee member, a teacher, or an author of continuing education having control of, or responsibility for, the development, management, presentation, or evaluation of the continuing education activity, but rather to assist the provider in the identification and resolution of conflict of interest prior to the activity and to provide the learners with the information they need to determine whether these interests or relationships influenced the content of the activity.

## Planning Committee Disclosure

Individuals involved in the development and management of this activity do not have relevant financial relationships with any commercial entities producing healthcare goods or services related to the content of this activity.

## Faculty Disclosure

Unless otherwise announced prior to the session, individuals involved in the presentation of this activity do not have relevant financial relationships with any commercial entities producing healthcare goods or services related to the content of this activity.

## Registration

There is no fee to attend. Registration will be on site the day of each session.

## Continuing Education Certificates

In order to provide 24-hour access to continuing education certificates upon demand, KUMC Continuing Education (KUMC CE) has implemented an electronic continuing education documentation system (eeds<sup>TM</sup>) for accredited grand rounds beginning July 1, 2006. Participants receiving continuing education credit or a certificate of attendance for their relicensure will receive a personalized eeds swipe card and complimentary membership to eeds for the program year (July 1, 2006 - June 30, 2007). After swiping in at a grand rounds activity, the participant's continuing education information will be available on-line at [www.eeds.com](http://www.eeds.com). Participants will have 24-hour online access to their continuing education records and may generate their own certificate anytime during the program year.

***Participants must generate their final certificate from their eeds account before their membership expires on June 30, 2007.***

KUMC CE will not automatically mail certificates to all participants following the last session in the series. KUMC CE will provide individual transcripts upon request after July 1, 2007. (Contact Julie Darrington at [jdarrington@kumc.edu](mailto:jdarrington@kumc.edu) or 8-4485.) KUMC CE will continue to maintain all continuing education records for six years.

## Important Information Regarding eeds™ Swipe Cards

### Who will receive an eeds card?

- KUMC and non-KUMC participants qualifying for continuing education credit will receive an eeds card.
- KUMC residents and fellows will receive an eeds card.
- All other participants will complete the FY07 “Participant Registration Form and Sign in Sheet” and date and initial their form at each session attended. (They will not receive an eeds card.)

### How do I get an eeds card?

- Initial cards will be requested from KUMC Continuing Education by the department providing the grand rounds. Departmental administrative assistants will receive eeds cards for distribution. One card will be issued for attendance at all KUMC accredited regularly scheduled conferences and grand rounds.
- Replacement cards must be ordered online by the participant at [www.eeds.com](http://www.eeds.com) at their own expense (currently \$5 plus postage). Participants may receive a replacement card for the cost of postage only by completing an online continuing education needs survey.

### What if I don't have my card?

- Participants waiting for their eeds card or unable to use their eeds card at a session must complete a “Participant Registration Form and Sign in Sheet.” Their attendance will be manually entered into the eeds system on a quarterly basis by KUMC CE. (*Credit for non-swiping participants will not be available immediately following the session.*)

### Please note:

- eeds memberships are complimentary for July 1, 2006 – June 30, 2007 only, courtesy of eeds
- For easy access, eeds cards are designed to be clipped behind a KUMC ID badge
- eeds cards do not expire
- eeds cards may be used at any activity where an eeds terminal is available

## Program Accessibility

We accommodate persons with disabilities. Please call 913-588-9635 and someone will contact you to discuss your needs. To ensure accommodation, please call at least two weeks before the session.

The University of Kansas is committed to providing programs and activities to all persons, regardless of race, religion, color, national origin, ancestry, sex, age, disability, and veteran status. In addition, university policies prohibit discrimination on the basis of sexual orientation, marital status, and parental status.

The University of Kansas Medical Center is an AA/EO Title IX institution.

## Cancellation Policy

The University of Kansas Medical Center reserves the right to cancel all programs. The University of Kansas Medical Center will not be responsible for any losses incurred by registrants, including but not limited to airline cancellation charges or hotel deposits.

## Privacy Policy

KU Continuing Education does not share, sell, or rent its mailing lists. You have our assurance that any information you provide will be held in confidence by KU Continuing Education.

We occasionally use mailing lists that we have leased. If you receive unwanted communication from KUCE, it is because your name appears on a list we have acquired from another source. In this case, please accept our apologies.

## **Location and Parking**

KU Medical Center is located at the corner of 39th Street and Rainbow Boulevard in Kansas City, Kansas. If you are coming from Interstate 70, take the 7th Street Trafficway South exit; 7th Street becomes Rainbow Boulevard. If you are coming from interstate 35, take the Rainbow Boulevard South exit. A campus map can be viewed at <http://www.kumc.edu/Pulse/map.html>. Parking is available in garages on Olathe Boulevard and on Cambridge Street.

**CM071950**