

presents

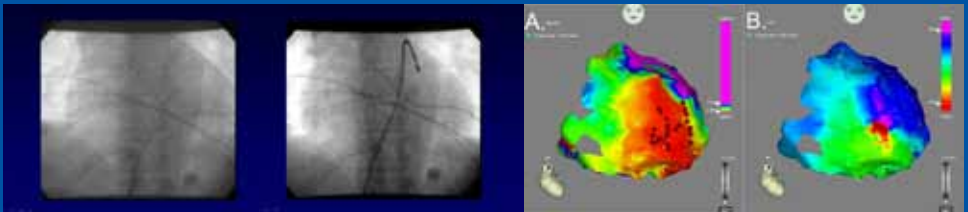
Interventional Pericardiology

Tuesday, May 11, 2010 | 2:00 pm – 7:00 pm

**Capitol Ballroom
Hyatt Regency Denver | Denver, CO**

Official Satellite Symposium:

This program is not part of the Heart Rhythm 2010 Official Scientific Sessions as planned by the Heart Rhythm Society Scientific Sessions Committee. This event is neither sponsored nor endorsed by the Heart Rhythm Society.



Register Today!

www.ccfcmcme.org/Pericardio10



Interventional Pericardiology

Overview

In recent years, there has been increasing interest in the pericardial space, both from the medical and interventional standpoint. The pericardium has unique characteristics in terms of its histology, microphysiology, and its role in various disease processes. This has attracted the interest of health care providers in various medical fields. To further the collaboration of such physicians in a multidisciplinary approach, a "Pericardial Center of Excellence" was recently created at the Cleveland Clinic Heart Center, Cleveland, OH.

Catheter-based, minimally invasive, and video-assisted cardiac therapeutics have extended their reach into the pericardium, providing easy direct access to the epicardial myocardium for the purpose of cardiac ablation, implantation of cardiac pacemakers, and delivery of cardioactive drugs. Such direct access was previously restricted to patients with pericardial effusion for the purpose of drainage and treatment. However, over the past several years, the normal pericardium has been accessed for the diagnosis and treatment of a wide range of cardiac diseases and electrophysiologic abnormalities.

This will be the first symposium to focus on a multidisciplinary approach to pericardial diseases and interventions in the pericardial space. It will identify the advances in diagnostics and interventional therapeutics and offers the opportunity to bring together medical practitioners, interventional as well as surgical physicians, researchers, and medical industry representatives to discuss the current application and potential future of interventional pericardiology.

Target Audience

The topics covered in the symposium are directed toward cardiac electrophysiologists, cardiovascular disease/cardiology physicians and associated professionals who are involved in the diagnosis and treatment of cardiac disease, electrophysiologic abnormalities, and pericardial diseases.

Objectives

At the completion of this educational activity, the participant will be able to do the following:

- Summarize the anatomy and physiology of the normal and abnormal pericardium;
- Compare and contrast the safety and utility of various percutaneous and minimally invasive approaches to accessing the pericardial space;
- Discuss the use of these pericardial access approaches for various multidisciplinary cardiac therapeutics including lead placement and cardiac ablation;
- Describe the advances in imaging modalities for the pericardium and their effect on diagnosis and treatment;
- Describe the risks and complications of pericardial therapeutics.



Symposium Co-Directors

Walid I. Saliba, MD, FHRS

Director
Atrial Fibrillation Center
Associate Director
Cardiac Pacing
and Electrophysiology
Department of
Cardiovascular Medicine
Heart and Vascular Institute
Cleveland Clinic
Cleveland, OH

Mandeep Bhargava, MD

Assistant Professor of Medicine
Associate Staff
Cardiac Pacing
and Electrophysiology
Department of
Cardiovascular Medicine
Heart and Vascular Institute
Cleveland Clinic
Cleveland, OH

Oussama M. Wazni, MD

Director, EP Labs
Cardiac Pacing
and Electrophysiology
Director, Clinical Atrial
Fibrillation Research
Department of
Cardiovascular Medicine
Heart and Vascular Institute
Cleveland Clinic
Cleveland, OH

Cleveland Clinic Faculty

Scott D. Flamm, MD

Section Head
Diagnostic Radiology
Imaging Institute

Allan L. Klein, MD

Professor of Medicine
Director
Cardiovascular Imaging Research
Director of Pericardial Center
Department of
Cardiovascular Medicine
Heart and Vascular Institute

Bruce L. Lindsay, MD

Section Head
Cardiac Pacing
and Electrophysiology
Department of
Cardiovascular Medicine
Heart and Vascular Institute

Tomislav Mihaljevic, MD

Staff Surgeon, The Donna and
Ken Lewis Endowed Chair in
Cardiothoracic Surgery
Department of Thoracic and
Cardiovascular Surgery
Heart and Vascular Institute

Patrick J. Tchou, MD

Associate Director
Cardiac Pacing
and Electrophysiology
Department of
Cardiovascular Medicine
Heart and Vascular Institute

Agenda

2:00 pm Registration
Capitol Ballroom Foyer

2:30 pm Welcome and Introduction
Bruce L. Lindsay, MD

Exploring the Pericardium

Moderators: *Patrick J. Tchou, MD*
Mandeep Bhargava, MD

2:40 pm Anatomy of the Pericardial Space
Samuel J. Asirvatham, MD

3:00 pm Imaging Modalities For the Pericardium
Scott D. Flamm, MD

3:15 pm Pericardial Access: Pitfalls and Complications in Percutaneous Procedures
Andre d'Avila, MD, PhD

3:40 pm Energy Delivery in the Pericardium: How is it Different?
Hiroshi Nakagawa, MD, PhD

Epicardial Ablation

Moderators: *Kalyanam Shivkumar, MD, PhD*
Andre d'Avila, MD, PhD

4:00 pm Ischemic Ventricular Tachycardia
Walid I. Saliba, MD

4:20 pm Nonischemic Ventricular Tachycardia and ARVD
Francis E. Marchlinski, MD

4:40 pm Supraventricular Tachycardias
Vivek Y. Reddy, MD

5:00 pm Management of Pericarditis
Allan L. Klein, MD

5:15 pm Refreshment Break

Newer Ventures in the Pericardium

Moderators: *Vivek Y. Reddy, MD*
Walid I. Saliba, MD

5:30 pm Future Epicardial Interventions: Ablation and Beyond
Kalyanam Shivkumar, MD, PhD

5:50 pm Epicardial LV Lead Placement and Pacing
Pierre Jaïs, MD

6:10 pm Surgical Perspective of Pericardial Therapeutics
Tomislav Mihaljevic, MD

Panel Discussion

Moderators: *Walid I. Saliba, MD*
Mandeep Bhargava, MD

6:30 pm Discussants:
Samuel J. Asirvatham, MD
Andre d'Avila, MD, PhD
Scott D. Flamm, MD
Pierre Jaïs, MD
Allan L. Klein, MD
Francis E. Marchlinski, MD
Tomislav Mihaljevic, MD
Hiroshi Nakagawa, MD, PhD
Vivek Y. Reddy, MD
Kalyanam Shivkumar, MD, PhD
Patrick J. Tchou, MD

6:55 pm Adjourn

7:00 pm Reception

A five-minute question and answer period is included in each presentation

Guest Faculty

Samuel J. Asirvatham, MD

Program Director, Mayo School of Graduate Medical Education, College of Medicine
Vice Chair of Cardiovascular Innovation
Division of Cardiovascular Diseases
Department of Internal Medicine
Mayo Clinic
Rochester, MN

Andre d'Avila, MD, PhD

Co-director, Cardiac Arrhythmia Service
The Zena and Michael A. Wiener
Cardiovascular Institute
The Marie-Josée and Henry R. Kravis Center for Cardiovascular Health
Associate Professor of Medicine
The Mount Sinai Heart Centre
New York, NY

Pierre Jaïs, MD

Professor of Cardiology
Central Hospital
University of Bordeaux
Bordeaux, France

Francis E. Marchlinski, MD, FHRS

Professor of Medicine
Director, Cardiac Electrophysiology
University of Pennsylvania Health Systems
Philadelphia, PA

Hiroshi Nakagawa, MD, PhD

Professor of Medicine
Director, Clinical Catheter Ablation Program
Director, Translational Electrophysiology
Associate Director, Heart Rhythm Institute
University of Oklahoma Health Sciences Center
Oklahoma City, OK

Vivek Y. Reddy, MD

Director, Cardiac Arrhythmia Service
Professor of Medicine
The Zena and Michael A. Wiener
Cardiovascular Institute
The Marie-Josée and Henry R. Kravis Center for Cardiovascular Health
New York, NY

Kalyanam Shivkumar, MD, PhD, FHRS

Director, UCLA Cardiac Arrhythmia Center and EP Programs
Professor of Medicine and Radiological Sciences
David Geffen School of Medicine at UCLA
Los Angeles, CA

General Information

Location

Hyatt Regency Denver at Colorado Convention Center

Capitol Ballroom
650 15th Street
Denver, Colorado 80202

Phone: 303.436.1234
Fax: 303.486.4450

Web Address: www.ccfcme.org/Pericardio10

Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this educational activity for a maximum of 4.25 *AMA PRA Category 1 Credits*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association Council on Continuing Medical Education for Category 2 credit.

The Ohio Board of Nursing will accept at face value the number of contact hours awarded for an educational activity that has been approved for CE by a nationally accredited system of CE approval. Therefore, the 4.25 physician *AMA PRA Category 1 Credits*[™] will be accepted for nursing credits. Nurses from other states should contact their State Board of Nursing.

Faculty Disclosure

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Americans with Disabilities Act

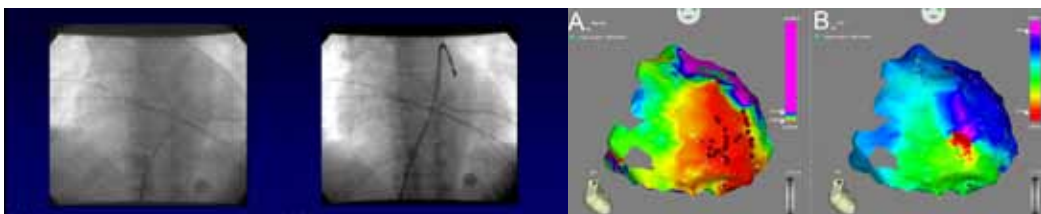
The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify the Center for Continuing Education at 800.238.6750 at least two weeks prior to the activity.

Additional Information

For further information about this symposium, contact the Center for Continuing Education at:

Local: 216.448.0777
Toll Free: 800.238.6750
Fax: 216.448.0783
Web Address: www.ccfcme.org/Pericardio10

For questions about registering online, call 216.448.0777 or email, cmeregistration@ccf.org



MARK YOUR CALENDAR

*Additional satellite symposium
presented by Cleveland Clinic:*

Practical Implementation of Quality Care in Every EP Lab

Wednesday, May 12, 2010

Centennial Ballroom
Denver Hyatt Regency
6:00 pm – 9:30 pm



For more information, go to www.ccfcme.org/HRS10Quality

Registration Form

Interventional Pericardiology

Tuesday, May 11, 2010

Hyatt Regency Denver | Denver, CO

Course 011677 • Office Use Only

Fee _____ Date _____

MOP _____ CXL/Fee _____

Registration Fee: COMPLIMENTARY

- Physician
- PhD
- Resident/Fellow
- Physician Assistant/Nurse/Nurse Practitioner

Register Online

www.ccfme.org/Pericardio10

Once you register online, please do not mail or fax in a registration form.

If you are unable to register online, please fax your registration to 216.448.0783.

Complete the information below if registering by mail or fax

PLEASE PRINT

Last Name:	First Name:			
Degree:	Specialty:			
Office/Organization:				
Preferred Mailing Address:				
City:	State:			
Country:	Phone:			
Email Address:				
Practice Type:	<input type="checkbox"/> Office-Based	<input type="checkbox"/> Hospital Staff	<input type="checkbox"/> Resident/Fellow	<input type="checkbox"/> Other

Fax Number: 216.448.0783

Mailing address: The Cleveland Clinic Educational Foundation
PO Box 931653, Cleveland, OH 44193-1082

For questions about registering online, call 216.448.0777 or email CMERegistration@ccf.org

Cleveland Clinic Center for Continuing Education presents

Lead Management 2009: Heart Rhythm Society Guidelines and Case-Based Implementation CME Webcast and Monograph Series



Objectives

- Review the facilities, personnel, and training required to operate a successful lead management center.
- Review appropriate indications and standards of care for patients with implantable devices as prescribed in HRS guidelines.
- Identify the data and information that need to be collected, reported, and reviewed to successfully implement outcomes and quality measures.
- Highlight processes that model quality decision making in caring for complicated lead management situations.
- Identify the skills, experience, and knowledge base required for physicians, personnel, and clinical teams to provide competent lead management services.

These activities have been approved for *AMA PRA Category 1 Credit*™.

Participate Today! www.ccfme.org/LeadMgmt

Interventional Pericardiology

Tuesday, May 11, 2010 | 2:00 pm – 7:00 pm

Capitol Ballroom
Hyatt Regency Denver | Denver, CO

Register Today! www.ccfcmc.org/Pericardio10