



10th Annual

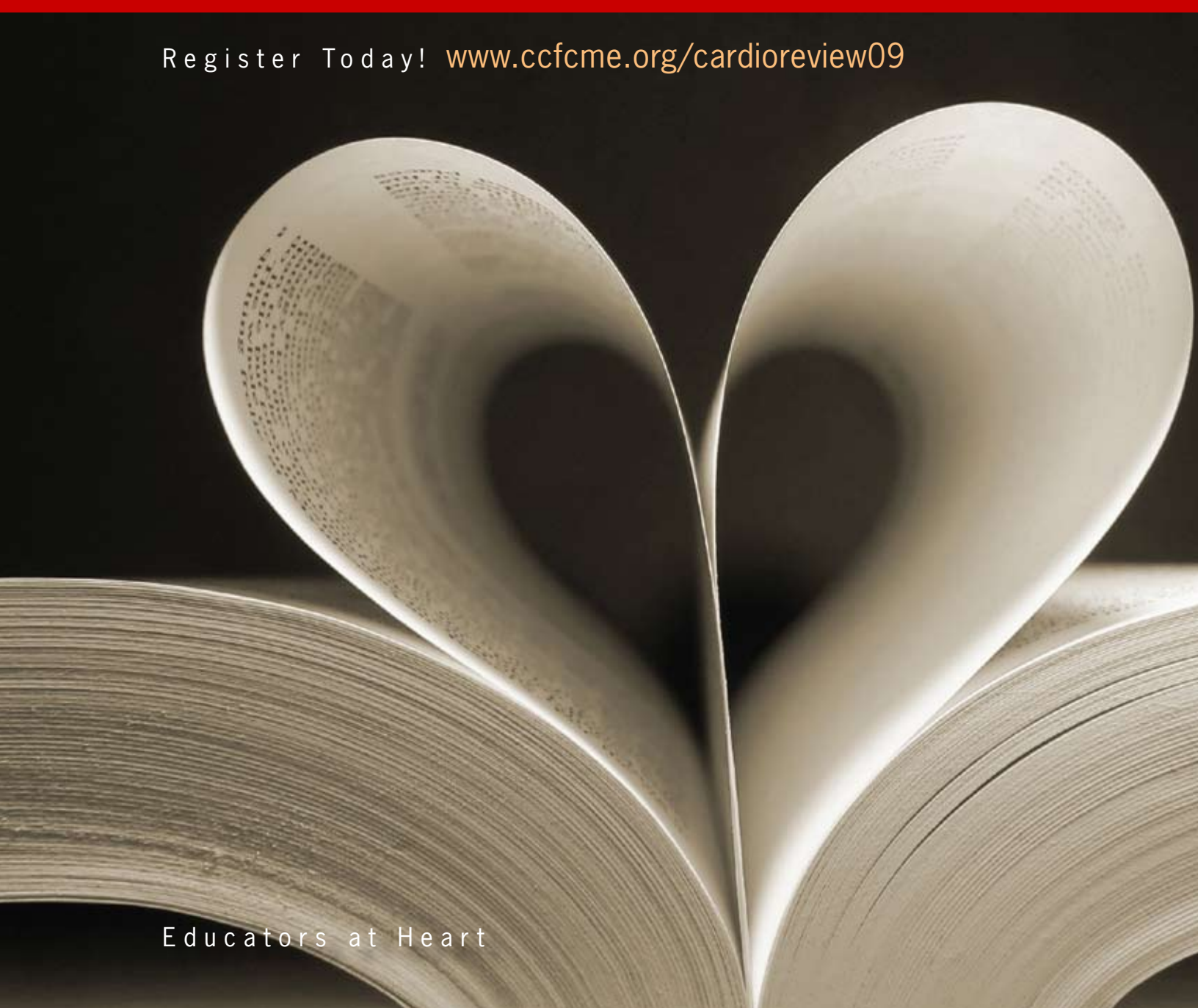
Intensive Review of Cardiology

Comprehensive Four-Day Symposium

August 23-26, 2009

InterContinental Hotel and Bank of America Conference Center
Cleveland, Ohio

Register Today! www.ccfcmc.org/cardioreview09

A close-up photograph of an open book. The pages are white and slightly aged. The book is open to two pages that are curved inward, forming a heart shape. The background is dark, making the white pages stand out.

Educators at Heart

10th Annual

Intensive Review of Cardiology

Comprehensive Four-Day Symposium

Symposium Co-Directors

Brian Griffin, MD

John and Rosemary Brown Chair of
Cardiovascular Medicine
Director, Cardiovascular Disease Training Program
Department of Cardiovascular Medicine
Heart and Vascular Institute
Cleveland Clinic

Curtis M. Rimmerman, MD, MBA, FACC

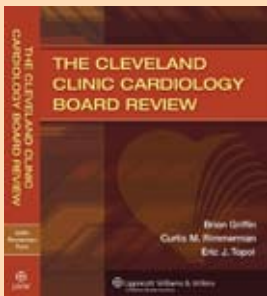
Gus P. Karos Chair
Clinical Cardiovascular Medicine
Heart and Vascular Institute
Cleveland Clinic

Samir Kapadia, MD

Director, Interventional Cardiology Fellowship
Associate Professor of Medicine
Department of Cardiovascular Medicine
Heart and Vascular Institute
Cleveland Clinic

Lectures Presented by Cleveland Clinic Professional Staff

The Cleveland Clinic Cardiology Board Review
(November 2006)



Participants registered for the full symposium will receive this textbook as part of the registration material.

NEW THIS YEAR:



CLEVELAND CLINIC GOING GREEN

Syllabus will only be provided to registrants on a USB flash drive. Attendees are encouraged to bring their laptops to the conference to view the syllabus.

Dear Colleague,

We are pleased to invite you to our **10th Annual Intensive Review of Cardiology** this **August 23-26, 2009**, at the InterContinental Hotel and Bank of America Conference Center at the Cleveland Clinic in Cleveland, Ohio.

This will be a wonderful forum to critically review current thinking and management in all of the major cardiovascular disciplines. This will be relevant to practicing cardiologists seeking a comprehensive review of contemporary cardiovascular medicine and those cardiologists and cardiology fellows preparing for the **Cardiovascular Board Certification and Re-certification Examination**.

Our aim is that this will be fun, clinically relevant, and stimulating. To achieve this goal, we will integrate audience interaction with review of cases, images, and relevant data during the lectures. We have reformatted the program this year, consolidating to four days, introducing more interactive panel discussions and utilizing live cases when able to provide additional stimulating educational opportunities.

An emphasis will be placed on the clinical evaluation and management of the patient encountered in daily practice. The current **ACC/AHA guidelines** supporting treatment and management recommendations will be presented as will treatment controversies and dilemmas. Special interactive evening sessions are planned using smaller groups with board simulation questions.

The symposium will also test your knowledge in cardiovascular medicine board simulation testing sessions. Following core subject area presentations, review sessions with audience participation will conclude each section. This will add an essential and exciting dimension to what is already the most comprehensive and relevant symposium in cardiovascular medicine today.

After participating in this symposium, participants will be able to do the following:

- **Describe** the pathophysiology of acute coronary syndromes and the current management of the acute myocardial infarction patient, and demonstrate familiarity with the major clinical trials that have shaped the current management of this patient subgroup.
- **Discuss** the various noninvasive modalities available for the evaluation of coronary artery and valvular heart disease, their merits, complementary roles, role in patient management, and prognostic value.
- **Interpret** both common and complex 12-lead electrocardiograms including subtle yet clinically important findings relevant to the board examination.
- **Recognize** the mechanisms plus the current medical and surgical treatment options in patients with congestive heart failure including the major clinical trials that have shaped our practice methods.
- **Identify** the pathophysiology, evaluation, and modalities and treatment options in patients with valvular heart disease including a comprehensive review of echocardiography.
- **Demonstrate** familiarity with the evaluation and treatment of patients with complex dysrhythmias and sudden cardiac death including the indications for electrophysiology testing, pacemaker implantation, and ICD placement.
- **Recognize** and appropriately treat the clinical scenarios in cardiovascular medicine used in the examinations for Board Certification in Cardiovascular Disease.

In addition to these broad symposium goals, many other important topics and cases will be included. The Bank of America Conference Center has exceptional features that enhance learning and comfort. As symposium co-directors, we truly hope you will be able to join us this August for this exciting and memorable educational event.

Sincerely,

Brian Griffin, MD
Curtis Rimmerman, MD
Samir Kapadia, MD

Symposium Agenda | August 23 – 26, 2009

Please note daily topics may change in order or time of presentations

Sunday, August 23, 2009

7:00 am Registration/Continental Breakfast/Exhibits
Bank of America Conference Center • 3rd Floor Foyer

7:50 am Welcome, Introduction, and Symposium Overview

7:50 am – 6:00 pm
(Lunch 12:30 pm – 1:30 pm)

Heart Failure

- Systolic Heart Failure Management – Digitalis to Stem Cells
- Diastolic Heart Failure – Definition, Diagnosis, Significance, and Management
- Case-Based Panel Discussion – Systolic and Diastolic Heart Failure
- Hypertrophic Cardiomyopathy – Prevalence, Diagnosis, and Management
- Transplantation and Mechanical Devices
- Myocarditis
- Primary and Secondary Pulmonary Hypertension
- Board Simulation Test

Lipids

- Lipid Management – Treatment Guidelines
- Case-Based Lipid Management

Electrocardiograms

- Electrocardiograms – Essential Tracings

Gender and Cardiovascular Disease

- Gender-Related Issues in Cardiovascular Disease

Peripheral Arterial and Venous Disease

- Peripheral Arterial Disease (Legs and Renals) – Case-Based Studies
- Carotid Disease – Case Based Discussion - Stent versus Surgery
- Venous Thromboembolic Disease – Case-Based Studies

Coronary Angiography

- The Normal and Abnormal Angiogram

7:00 pm – 8:30 pm Evening Session: Electrocardiograms

Tuesday, August 25, 2009

7:00 am Continental Breakfast/Exhibits
Bank of America Conference Center • 3rd Floor Foyer

8:00 am – 6:00 pm
(Lunch 12:00 pm – 1:00 pm)

Electrophysiology

- Sudden Cardiac Death – Essential Facts and the Guidelines
- Case-Based Panel Discussion – Sudden Cardiac Death
- Cardiac Arrhythmias - Supraventricular Tachycardias
- Case-Based Panel Discussion – Supraventricular Arrhythmias
- Cardiac Arrhythmias – Ventricular
- MD Case Based Panel Discussion – Ventricular Arrhythmias
- Introduction to Electrophysiology Testing and Intracardiac Electrograms
- Case-Based Panel Discussion - Arrhythmias on 12-Lead Electrocardiograms, Wide Complex Tachycardias, & His Bundle Recordings
- Interactive Session EP Lab Case - Atrial fibrillation Ablation - Case Presentation
- Atrial Fibrillation/Flutter
- Interactive Session EP Lab Case Continued - Atrial Fibrillation Ablation
- Syncope – Interactive Case Studies
- Devices – Pacemakers & Lead Management
- Devices – ICDs & Cardiac Resynchronization Therapy
- Board Simulation Test

7:00 pm – 8:30 pm Evening Session: Electrophysiology

“This Board Review was outstanding”
“Very helpful in preparing for the boards”
“It was good to see actual EKGs”

- prior attendees

Monday, August 24, 2009

7:00 am Continental Breakfast/Exhibits
Bank of America Conference Center • 3rd Floor Foyer

8:00 am – 6:00 pm
(Lunch 12:30 pm – 1:30 pm)

Coronary Artery Disease

- CAD: Who Is at Risk – Some Essential Facts
- Non ST Elevation MI: Risk Stratification and Management
- ST Elevation MI: Stents, Lytics, and Adjunctive Treatment
- Revascularization in Stable Angina: CABG and PCI
- Coronary Imaging: Angiography, CT, IVUS
- Case-Based Panel Discussion
- Cath Lab Case
- Electrocardiograms: Critical Insights in CAD
- Stress Testing: When, How, and What it Means.
- Essentials of Coronary Devices: Stents, Atherectomy, and Thrombectomy
- Cath Lab Pharmacology: IIb/IIIa Inhibitors, Thrombin Inhibitors, Antiplatelet Agents
- Innovations in CAD Interventions: Stem Cell Therapy, New Generation Devices and Novel Pharmacotherapy
- Case-Based Panel Discussion
- Board Simulation Test

7:00 pm – 8:30 pm Evening Session: Cardiac Catheterization Review

Wednesday, August 26, 2009

7:00 am Continental Breakfast/Exhibits
Bank of America Conference Center • 3rd Floor Foyer

8:00 am – 6:00 pm
(Lunch 12:15 pm – 1:15 pm)

Valvular Heart Disease

- Mitral and Tricuspid Valve Pathology and Treatment
- Aortic and Pulmonary Valve Pathology and Treatment
- Cardiac Valves – Cutting Edge Management
- Prosthetic Heart Valves – Indications and Selection
- Case-Based Panel Discussion – Valvular Heart Disease Management

Congenital Heart Disease

- Congenital Heart Disease Fundamentals
- Imaging in Congenital Heart Disease

CT Surgery Case

- Robotic MV Repair

Aortic Disease

- The Aorta – A Case-Based Imaging Approach to Diagnosis and Management

Stress Testing Fundamentals

- Nuclear Cardiology – Techniques and Cases: Thallium, Sestamibi, and PET
- Exercise and Dobutamine Echocardiography – Case Based Approach
- Board Simulation Test

General Information

Location

InterContinental Hotel & Bank of America Conference Center
Bank of America Conference Center – 3rd Floor Foyer
9801 Carnegie Avenue | Cleveland, OH 44106
Phone: 216-707-4100 or 877-707-8999
Fax: 216-707-4101

Hotel Accommodations

A block of rooms has been reserved at the InterContinental Hotel for a special rate of \$175 single/double (plus tax) and at the InterContinental Suite Hotel located at 8800 Euclid Avenue for a special rate of \$155 single/double (plus tax). The Suite Hotel is within walking distance to the InterContinental Hotel and Bank of America Conference Center. To obtain these special rates, you must make your reservations by 5:00 pm (Eastern Time) on July 22, 2009. To make your reservations, contact the hotel Reservations Department at 216-707-4100 or 1-877-707-8999. Please identify yourself as being with the **Cleveland Clinic Intensive Review of Cardiology, (online code CQ2 – InterContinental Hotel and code X55 for the Suite Hotel).**

Registration and Cancellation

Pre-registrations are accepted by fax or online until 2:00 pm ET Friday, August 21, 2009. To register after this date you must do so on-site. In case of cancellation, a full refund will be made if canceled by August 10, 2009. After August 10, 2009, a \$50 PER DAY cancellation fee will be deducted from your refund. Written notification of your cancellation is required in order to process your refund. NO REFUNDS WILL BE ISSUED AFTER SEPTEMBER 23, 2009.

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 UNITECH Communications at 216-448-0770 at least two weeks prior to the activity.

Accreditation

The Cleveland Clinic 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 36.75 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 36.75 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.



Ground Transportation

Taxi service is available from Cleveland Hopkins International Airport to the InterContinental Hotel and Bank of America Conference Center for an approximate fee of \$35. As an alternative, take the rapid transit train from the airport to the Terminal Tower in downtown Cleveland and from there take a taxi to the InterContinental Hotel and Bank of America Conference Center.

Information

For further information about this Symposium, contact UNITECH Communications® at:
Local: 216-448-0770
Toll Free: 800-238-6750

Web Address: www.ccfme.org/cardioreview09

For questions about registering online, call 216-448-0777.

For emergency phone calls during the Symposium, please call 216-707-4100 and ask for the Cleveland Clinic Registration Desk.

Parking

Parking is available in the 100th Street Visitor's Parking Garage for a charge of \$10 per day. The garage will be open Sunday from 6:30 am – 9:30 pm, Monday through Saturday from 6:00 am – 10:30 pm. Valet parking is available at the hotel for an additional charge.

Acknowledgement

The Cleveland Clinic Foundation Center for Continuing Education acknowledges educational grants for partial support of this activity from:

PLATINUM
Medtronic, Inc.
St. Jude Medical

GOLD
Merck & Co.

SILVER
Daiichi Sankyo, Inc.

Abbott Vascular
has provided support for the funding of a fellows scholarship.

Registration Form

• Course 011618 •
Office Use Only

Intensive Review of Cardiology

August 23 – 26, 2009 | InterContinental Hotel & Bank of America Conference Center

Fee _____ Date _____
M.O.P. _____ CXL/Fee _____

Please Print

Last _____ First _____ MI _____

Degree Initials _____ Specialty _____

Address _____

City _____ State _____ Zip _____

Phone Number _____ Fax Number _____

Email Address _____

Register online at www.ccfcm.org/cardioreview09

CCF main campus, family health centers, and CCHS community hospital employees (non-physicians) should register online at the above web address.

Fees	Full Symposium	Full Symposium On Site	Per Day	Per Day On Site
Indicate Full or Per Day	<input type="checkbox"/> Four Days	<input type="checkbox"/> Four Days	<input type="checkbox"/> Sun <input type="checkbox"/> Mon <input type="checkbox"/> Tues <input type="checkbox"/> Wed	<input type="checkbox"/> Sun <input type="checkbox"/> Mon <input type="checkbox"/> Tues <input type="checkbox"/> Wed
<input type="checkbox"/> Physician	\$895.00	\$970.00	\$265.00	\$340.00
<input type="checkbox"/> CompreCare Affiliate ID # _____	\$581.75	\$630.50	\$172.25	\$221.00
<input type="checkbox"/> Cleveland Clinic Alumnus	\$537.00	\$582.00	\$159.00	\$204.00
<input type="checkbox"/> Nurse/Nurse Practitioner/Physician Assistant	\$485.00	\$560.00	\$165.00	\$240.00
<input type="checkbox"/> Resident/Fellow*	\$485.00	\$560.00	\$165.00	\$240.00

* Letter from program director must be received prior to the symposium.

I would like to purchase *The Cleveland Clinic Cardiology Board Review* textbook for \$95.00 \$ _____
(Included in full symposium fee, not per day fee)

***GROUP DISCOUNT AVAILABLE:**
For groups of 3 or more: \$100 off EACH full registration fee. Registrations must be submitted together by fax or mail.

Full Registration Fee Includes: Registration material, continental breakfasts, four luncheons, refreshment breaks, USB flash drive syllabus, and *The Cleveland Clinic Cardiology Board Review* textbook.

Per Day Registration Fee Includes: Per day registration material, continental breakfast, lunch, refreshment breaks, and USB flash drive syllabus. *The Cleveland Clinic Cardiology Board Review* textbook is available for an additional cost.

Payment must be received prior to admittance to the symposium. Purchase Orders are not accepted.

I require a vegetarian lunch. **Total Amount to be charged: \$ _____**

Make check payable to: **The Cleveland Clinic Educational Foundation** or charge to the following account

Visa Mastercard American Express Discover

Card Number _____ Expiration Date _____

Signature (not valid without signature) _____ 3 or 4 Digit Verification Number _____

FAX NUMBER: 216-448-0783

MAILING ADDRESS: The Cleveland Clinic Educational Foundation
PO Box 931653 • Cleveland, OH 44193-1082