

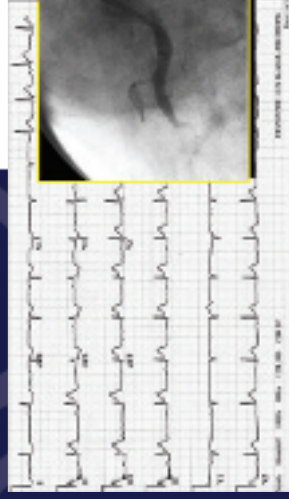
Coronary Artery Disease:

Prevention, Detection & Treatment

September 10-12, 2007

Bellagio Resort & Spa
Las Vegas, Nevada

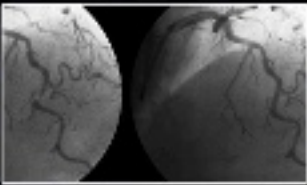
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Coronary Artery Disease

Prevention, Detection & Treatment



September 10-12, 2007

**Bellagio Resort & Spa
Las Vegas, Nevada**

Course Directors:

Charanjit S. Rihal, M.D.

Amir Lerman, M.D.

Robert D. Simari, M.D.

General Information

Course Description

Coronary Artery Disease: Prevention, Detection and Treatment is designed to provide practicing physicians and healthcare staff with an in-depth overview of the entire spectrum of coronary artery disease. Novel risk factors, state of the art imaging technologies and new management strategies for patients with acute coronary artery disease will be highlighted. The evolving role of revascularization, interventional cardiology, coronary surgery, and options for the management of advanced non-revascularizable coronary artery disease will be discussed. Population trends and future directions in new scientific breakthroughs such as cell therapy for patients with coronary artery disease will be reviewed.

Course Learning Objectives

Upon conclusion of this program, participants should be able to:

- Describe the latest diagnostic and management strategies for the acute coronary syndromes;
- Incorporate the use of newer imaging modalities in the detection and treatment of complications of myocardial ischemia;
- Determine the risks and benefits of screening early detection and prevention in coronary artery disease;
- Recognize the latest diagnostic and management strategies for acute ischemic events and the latest information on newer platelets and thrombin inhibitors;
- Incorporate the use of newer interventional devices, drugs and surgical treatment in clinical practice;
- Assess latest advances in surgical intervention;
- Describe the role of genetic factors in cardiovascular disease;
- Differentiate the role of PET, Echo, and CMR imaging in detection of hibernating myocardium;
- Assess role of latest treatments for acute coronary syndromes;
- Determine the best practices for drug eluting stents;
- Identify future advances in Prevention, Detection and Treatment of CAD;
- Assess advances in noninvasive coronary imaging with multislice CT angiography and cardiac magnetic resonance; and
- Distinguish lifestyle interventions that improve cardiovascular health and understand the effects of diabetes, obesity and metabolic syndrome.

Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

Intended Audience

This course is intended for cardiovascular specialists, cardiac surgeons, cardiovascular fellows, and internists with special interest in clinical cardiology and newer cardiac diagnostic and therapeutic interventions.

Credit

Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Mayo Clinic College of Medicine designates this educational activity for a maximum of 18.75 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Other Health Care Professionals

A certificate of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

General Information

Date and Location

Coronary Artery Disease: Prevention, Detection and Treatment will be held September 10-12, 2007. The program will be held at the Bellagio Resort in Las Vegas, Nevada. The program will be located in the Raphael Ballroom.

Attending *Coronary Artery Disease: Prevention, Detection and Treatment* allows participants to experience education and enjoy the dynamic location of Las Vegas. After the session, enjoy world class entertainment and shows or enjoy one of the many culinary delights the city has to offer. The Bellagio is located in the heart of the city and offers many unique opportunities to enjoy in your free time such as attending the Cirque du Soleil "O" show, enjoy pampering at the spa, the Botanical Conservatory, and an art gallery on-property. A must see is also the dancing waters at the Bellagio to make your visit complete.

Registration

To register, complete the attached registration form and return by mail or fax. The registration fee includes tuition, comprehensive course syllabus, continental breakfasts, break refreshments, reception, and lunch. Early registration is strongly advised. A letter of confirmation will be sent upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

Cancellation Policy

If you cancel your participation in this course, your registration fee, less a \$75 administrative fee, will be refunded when written notification is received by Cardiovascular CME office before August 17, 2007 (fax#: 507-538-0146). **No refunds will be made after August 17, 2007.**

Organizers reserve the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Cardiovascular CME must cancel or postpone this course, Cardiovascular CME will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

Lodging Accommodations

A block of guestrooms have been reserved with special rates at the Bellagio. To ensure accommodations and the discounted rate, please make your reservations by **August 9, 2007**. Reservations may be made by calling 888-987-6667 and identifying yourself as a participant of the Mayo Clinic Coronary Artery Disease conference. *Early reservations are recommended since the room block may sell out prior to August 9th.*

Bellagio

3600 Las Vegas Blvd South
Las Vegas, NV

Phone: 888-987-6667 or 702-693-8117

Fax: 702-693-8547

Rates: \$239 single/double

You may also wish to visit the Las Vegas Convention and Visitors Bureau website (www.lvcva.com) for additional activities and information on this destination. Lodging arrangements are the sole responsibility of the individual registrant.

General Information

Faculty

Course Director(s)

Charanjit S. Rihal, M.D.

Amir Lerman, M.D.

Robert D. Simari, M.D.

Mayo Faculty

Thomas G. Allison, Ph.D.

Malcolm R. Bell, M.D.

Jerome F. Breen, M.D.

John F. Bresnahan, M.D.

F. David Fortuin, M.D.

Bernard J. Gersh, M.B.Ch.B, D.Phil

Sharonne N. Hayes, M.D.

David R. Holmes, Jr., M.D.

Allan S. Jaffe, M.D.

Guy S. Reeder, M.D.

Hartzell V. Schaff, M.D.

Virend Somers, M.D.

A. Jamil Tajik, M.D.

Andre Terzic, M.D.

Henry H. Ting, M.D.

Guest Faculty

Eric Eeckhout, M.D.

Cardiology, University Hospital
CHVU

Lausanne, Switzerland

Peter J. Fitzgerald, M.D., Ph.D.

Professor of Medicine & Engineering

Director, Center for Cardiovascular

Technology

Stanford University Medical Center

Stanford, CA

Valentin Fuster, M.D., Ph.D.

Mount Sinai Medical Center

Director, The Zena and Michael A.

Wiener Cardiovascular Institute &

The Marie-Josée and Henry R. Kravis

Center of Cardiovascular Health

Richard Gorlin, M.D. Heart Research

Foundation Professor,

New York, NY

Timothy D. Henry, M.D.

Director of Research, Minneapolis Heart
Institute Foundation,

Abbott Northwestern Hospital,

Interventional Cardiologist Minneapolis

Heart Institute,

Minneapolis, MN

Gregg W. Stone, M.D.

Professor of Medicine

Director of Cardiovascular Research

and Education, Center for Interventional

Vascular Therapy, Columbia University

Medical Center, The Cardiovascular

Research Foundation,

New York, NY

Renu Virmani, M.D.

President & Medical Director CVPPath

Institute, Inc.

Gaithersburg, MD

Faculty Disclosure

As a provider accredited by ACCME, Mayo Clinic College of Medicine (Mayo School of CME) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

Program Schedule

Monday, September 10, 2007

- 7:00 am Registration and
Continental Breakfast
- 7:30 am Welcome and Course Overview
Charanjit S. Rihal, M.D.

Early Atherosclerosis and Prevention Moderator: *Charanjit S. Rihal, M.D.*

- 7:45 am The Global Epidemic of
Cardiovascular Disease
*Bernard J. Gersh, M.B.Ch.B.,
D.Phil*
- 8:10 am Questions & Answers
- 8:15 am Detection of the Vulnerable
Patient
Amir Lerman, M.D.
- 8:40 am Questions & Answers
- 8:45 am Heart Disease in Women:
Is It Time for Sex-Based
Cardiology?
Sharonne N. Hayes, M.D.
- 9:10 am Questions & Answers
- 9:15 am Sleep Apnea and Acute
Coronary Syndromes and
Sudden Death
Virend Somers, M.D.
- 9:40 am Questions & Answers
- 9:45 am Case Presentation
Beyond LDL Cholesterol:
NMR Lipid Fractionation
and Treating Residual Risk
Thomas G. Allison, Ph.D.
- 10:05 am Refreshment Break

Detection: Imaging for Coronary Artery Disease Moderator: *Amir Lerman, M.D.*

- 10:30 am State of the Art: CT and MR
Jerome F. Breen, M.D.
- 10:55 am Questions & Answers
- 11:00 am Integrated Imaging in
Ischemic Heart Disease
A. Jamil Tajik, M.D.
- 11:25 am Questions & Answers
- 11:30 am Beyond the Coronary
Angiogram, Coronary
Physiology in Clinical Practice
Amir Lerman, M.D.
- 11:55 am Questions & Answers
- 12:00 pm Case Presentation: Is There a
Role for Screening for Coronary
Disease: CT, CTA, or MRI
Panel: *Drs. Breen, Tajik, and
Lerman*
Moderator: *Dr. Lerman*

- 12:30 pm Lunch

Treatment: Acute Coronary Syndromes Moderator: *Malcolm R. Bell, M.D.*

- 2:00 pm Antithrombins in 2007:
LMWH, Bivalirudin,
Fondaparinux - What Do I
Do? Help!
Malcolm R. Bell, M.D.
- 2:25 pm Questions & Answers
- 2:30 pm Selecting Optimal
Reperfusion Strategies for
STEMI: What Do I Do?
Henry H. Ting, M.D.
- 2:55 pm Questions & Answers
- 3:00 pm Myocardial and
Microcirculatory Protection
in Acute Coronary Syndromes
Gregg W. Stone, M.D.
- 3:25 pm Questions & Answers
- 3:30 pm Antiplatelet Therapy:
What, When, Where & Why?
Malcolm R. Bell, M.D.
- 3:55 pm Questions & Answers
- 4:00 pm Refreshment Break
- 4:25 pm Cell Repair Therapy for
AMI: Clinical Perspective
*Bernard J. Gersh, M.B.Ch.B.,
D.Phil*
- 4:50 pm Questions & Answers

4:55 pm Illustrative Cases: Acute Coronary Syndromes – *F. David Fortuin, M.D.*

- 5:30 pm Adjourn
Welcome Reception

Tuesday, September 11, 2007

- 7:00 am Continental Breakfast
- 7:25 am Welcome
Amir Lerman, M.D.

Treatment: Chronic Coronary Artery Disease Moderator: *Bernard J. Gersh, M.B.Ch.B., D.Phil*

- 7:30 am Biomarkers Which Ones,
How Often, and What Do
They Mean?
Allan S. Jaffe, M.D.
- 7:55 am Questions & Answers
- 8:00 am CABG Surgery: What
Patients Need to Know
Hartzell V. Schaff, M.D.

Program Schedule

- 8:25 am Questions & Answers
8:30 am Revascularization:
The European Perspective
Eric Eckhout, M.D.
8:55 am Questions & Answers

9:00 am
Illustrative Cases:
Coronary Artery Disease
Presenter: F. David Fortuin, M.D.
Panel: Drs. Schaff, Jaffe, Eckhout, and Gersh

9:30 am Refreshment Break
Treatment:
Interventional Cardiology Symposium
Moderator: David R. Holmes, Jr., M.D.

- 9:55 am Use and Abuse of Drug
Eluting Stents
David R. Holmes, Jr., M.D.
10:20 am Questions & Answers
10:25 am Pharmacoinvasive Approach
for ACS
Charanjit S. Rihal, M.D.
10:50 am Questions & Answers
10:55 am Pathology and Healing of DES
Renu Virmani, M.D.
11:20 am Questions & Answers
11:25 am Future Directions: Can We
Build Better Drug Eluting
Stents?
Gregg W. Stone, M.D.
11:50 am Questions & Answers
12:15 pm Lunch

1:30 pm
Illustrative Cases:
Hybrid Procedures, Supported PCI
Presenter: Charanjit S. Rihal M.D.
Panel: Drs. Holmes, Virmani, and Stone

The Non-Revascularizable Patient
Moderator: Charanjit S. Rihal, M.D.

- 2:15 pm Scope of the Problem and
Genetic Therapies
Robert D. Simari, M.D.
2:40 pm Questions & Answers
2:45 pm Cell Therapy in Ischemic
Heart Disease
Timothy D. Henry, M.D.
3:10 pm Questions & Answers
3:15 pm How to Approach the
No-Option Patient
Guy S. Reeder, M.D.
3:40 pm Questions & Answers
3:45 pm Refreshment Break

- 4:10 pm Integrating Biologic and
Living Devices into Clinical
Practice
Robert D. Simari, M.D.

4:35 pm
Illustrative Case Discussion
Presenter: Amir Lerman, M.D.
Panel: Drs. Simari, Henry, and Reeder

- 5:15 pm Adjourn

Wednesday, September 12, 2007

- 7:00 am Continental Breakfast
The Future of Coronary Artery Disease
Moderator: Robert D. Simari, M.D.
7:30 am Epidemiologic Trends and
the Patients of the Future
Charanjit S. Rihal, M.D.
7:55 am Questions & Answers
8:00 am Embryonic Stem Cell
Therapy for AMI
Andre Terzic, M.D.
8:25 am Questions & Answers
8:30 am The Future of Surgery for
Coronary and Valvular
Disease
Hartzell V. Schaff, M.D.
8:55 am Questions & Answers
9:00 am The Future of Interventional
Cardiology
David R. Holmes, Jr., M.D.
9:25 am Questions & Answers
9:30 am Refreshment Break
9:55 am Beyond the Angiogram:
State of the Art of
Endovascular Imaging
Peter J. Fitzgerald, M.D., Ph.D.
10:20 am Questions & Answers
10:25 am The Future of
Cardiovascular Prevention
Valentin Fuster, M.D., Ph.D.
10:55 am Questions & Answers
11:00 am
Illustrative Cases:
The Best and Worst Cases
*Drs. John F. Breshnahan, F. David Fortuin,
and Eric Eckhout*
12:00 pm Adjourn

REGISTRATION FORM

Coronary Artery Disease: Prevention, Detection & Treatment

September 10-12, 2007

Bellagio Resort & Spa • Las Vegas, Nevada

Mail or FAX this completed
registration form to:

Cardiovascular CME
200 First Street SW, Gonda 6
ATTN: Deborah Feils
Rochester, MN 55905

Telephone: 800-283-6296
or 507-266-0677
FAX: 507-538-0146
E-mail: cvcme@mayo.edu

(Please print or type all information. You may duplicate this form for multiple registrations.)

Name _____
First Name Middle Name or Initial Last Name

Degree MD PhD DO PA NP Other _____

Institution _____

E-mail Address _____


Home Business Address _____

City _____ State _____ ZIP _____ Country _____

Home Telephone (_____) _____ Business Telephone (_____) _____

Int'l Telephone (Country code) _____ (City code) _____ (Phone) _____

FAX _____

 Please check if you have any special assistance needs or dietary restrictions.
Please indicate your needs here: _____

Vegetarian Meal Kosher Meal

PAYMENT

	Before Aug. 20, 2007	After Aug. 20, 2007	
Physicians (M.D./Ph.D./D.O.)	\$550	\$625	\$ _____
Reduced Fee* (Check Appropriate Box)	\$450	\$495	\$ _____
<input type="checkbox"/> Fellow in Training	<input type="checkbox"/> Resident	<input type="checkbox"/> Nurse/NP	
<input type="checkbox"/> Physician Assistant	<input type="checkbox"/> Sonographer	<input type="checkbox"/> Emeritus Staff	

* Registrants in the reduced fees category are required to submit with the registration form proof of licensure, a business card, or a letter written on official letterhead and signed by a department supervisor verifying status.

Total Payment Enclosed: \$ _____

Check (make checks payable to Mayo Clinic)
 Credit Card: Visa MasterCard Discover

Card Number _____ Expiration Date _____

Signature _____ Date _____