Coronary Artery Disease: Prevention, Detection & Treatment

September 10-12, 2007
Bellagio Resort & Spa
Las Vegas, Nevada

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Prevention, Detection & Treatment

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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.
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.

Mayo Faculty
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

Guest Faculty
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 CVPath
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 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 Platelet 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  CAGB 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 Eeckhout, 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, Eeckhout, 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 Eeckhout
12:00 pm Adjourn
REGISTRATION FORM

Coronary Artery Disease: Prevention, Detection & Treatment

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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______________________________________________________________________________

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

P A Y M E N T

Physicians (M.D./Ph.D./D.O.) $550  $625  $_____________
Reduced Fee* (Check Appropriate Box)
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 □ Resident
 □ Sonographer
 □ Nurse/NP
 □ 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.

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☐ Credit Card: ☐ Visa  ☐ MasterCard  ☐ Discover

Card Number ________________________ Expiration Date ________________________

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