Mayo Clinic Update in Cardiovascular Diseases

A Case-Oriented, Interactive Approach

Course Director:
Bernard J. Gersh, M.B., Ch.B., D.Phil.

Co-Directors:
Matthew E. Bernard, M.D.
Gerald T. Gau, M.D.
Steve R. Ommen, M.D.

OCTOBER 25 – 26, 2003

Mayo Clinic
Rochester, Minnesota

Satellite course to
Mayo Clinic’s Clinical Reviews
October 27 - 29, 2003
Mayo Civic Center, Rochester, MN
Mayo Clinic’s “Update in Cardiovascular Diseases” will present a broad perspective of diagnosis and clinical management of patients with cardiovascular disease. Major topics that will be discussed include acute and chronic coronary disease syndromes, arrhythmias, congestive heart failure, peripheral vascular disease, valvular heart disease, clinical genetics and preventive cardiology including novel risk factors and sleep apnea.

New concepts and recent developments in a clinical context will be examined utilizing a novel, case-oriented, highly interactive approach to learning. Each topic will be introduced with a scientific state-of-the-art presentation followed by a moderated case presentation with panelists, who will illustrate decision-making approaches to clinical practice. Attendees are encouraged to actively participate in the divergence in opinions in day-to-day clinical practice during question-and-answer sessions and by using the audience response system throughout the program.

Upon completion of the conference, participants should be able to:

• Discuss the differing pathophysiology and management of acute coronary syndromes presenting with ST segment elevation and depression.
• Articulate management issues in patients with chronic coronary artery disease, diabetes and left ventricular dysfunction.
• Analyze current concepts and controversies surrounding the use of diet in the prevention of coronary artery disease.
• Explain issues related to the management of atrial fibrillation in the context of congestive heart failure.
• Incorporate new risk factors for coronary artery disease in clinical practice.
• Explain principles and consequences of sleep apnea in patients with cardiovascular disease.
• Describe the role of implantable defibrillators for the primary prevention of sudden cardiac death.
• Discuss recent advances in the treatment and pathology of congestive heart failure.
• Explain the management of asymptomatic valvular heart disease.
• Identify current management strategies for peripheral vascular disease.

This program is designed for family practitioners, general internists and cardiologists. Residents, physician assistants and nurse practitioners in an office or hospital-based cardiology practice interested in enhancing their delivery of care also will benefit from this program.

“Update in Cardiovascular Diseases” will be held October 25 – 26, 2003, in Phillips Hall, main floor, Siebens Medical Education Building, Mayo Medical Center, 100 Second Avenue Southwest, Rochester, Minnesota.

Mayo Foundation is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Mayo Foundation designates this educational activity for a maximum of 11 category 1 credits toward the AMA Physician’s Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

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

To register, complete the attached registration form and return by mail or fax. The registration fee is $300 for physicians and $250 for residents, physician assistants and nurse practitioners. Fees include tuition, comprehensive course syllabus, continental breakfasts, lunch and break refreshments, and reception on Saturday. Preregistration is required and must be received by October 8, 2003. Enrollment is limited; early registration is advised. Registrants will receive a confirmation letter. Please present the confirmation letter when checking in at the meeting registration desk.

LODGING

Rooms have been reserved for course participants and guests at four convenient hotel locations. To ensure accommodations, make your reservation by telephone by October 8, 2003. Reservation requests received after this date will be subject to availability at the group rate. When making reservations, identify yourself as a participant of Mayo Clinic’s “Update in Cardiovascular Diseases” course.

Hilton Garden Inn - 225 South Broadway
1-800-445-8667 or 507-285-1234 $89.00

Kahler Grand Hotel - 20 Second Avenue SW
800-533-1655 or 507-282-2581 $79.00

Radisson Plaza Hotel - 150 South Broadway
1-800-333-3333 or 507-281-8000 $99.00

Rochester Marriott Hotel - 101 First Avenue SW
877-623-7775 or 507-280-6000 $99.00

Rates are based on single or double occupancy, plus local and state taxes. These hotels are connected by skyway and pedestrian subway to conference facilities, downtown shops, restaurants and theaters. Visit the Rochester Convention and Visitors Bureau web site (www.rochestercvb.org) for additional accommodations.

TRAVEL

Rochester, Minnesota, is a friendly city that greets thousands of visitors from around the world each year. A modern international airport services Rochester with multiple flights daily from Chicago and Minneapolis via American and Northwest Airlines. Access to and from the airport is provided by taxi cab and shuttle service. The airport is located approximately 10 driving miles from downtown Rochester and the Mayo Clinic complex.

Contact Lynn at Corporate Travel, 1-800-526-4540 or 507-282-9121, for assistance with your travel needs.

PARKING

Parking is available in hotel, city and Mayo Clinic patient/visitor ramps. The cost for parking is not included in the registration fee. A map indicating the location of downtown parking facilities will be mailed with the registrant confirmation letter.

CANCELLATION POLICY

Your registration fee, less a $50 administrative fee, will be refunded when written notification is received by Mayo School of Continuing Medical Education before October 8, 2003. Notification is encouraged via fax to 507-284-0532. No refunds will be made after October 8, 2003.
SATURDAY, OCTOBER 25, 2003

7:00 a.m.  Registration, Continental Breakfast and Exhibits
7:45 a.m.  Welcome and Introductions  
Bernard J. Gersh, M.B., Ch.B., D.Phil.

#1 Acute Coronary Syndromes
8:00 a.m.  Acute Coronary Syndromes: State of the Art Reperfusion Therapy  
Bernard J. Gersh, M.B., Ch.B., D.Phil.

Case Presentation: 67-Year-Old Female with Non-ST Segment Elevation Myocardial Infarction  
Moderator: Allan S. Jaffe, M.D.  
Panelists: Bernard J. Gersh, M.B., Ch.B., D.Phil., Guy S. Reeder, M.D.

#2 Chronic Coronary Artery Diseases
9:00 a.m.  Chronic Coronary Artery Diseases: Advances in Interventional Cardiology  
Guy S. Reder, M.D.

Case Presentation: 72-Year-Old Male with Ejection Fraction of 30 to 35%, Diabetes Mellitus, Prior Myocardial Infarction  
Moderator: Thoralf M. Sundt, III, M.D.  
Panelists: Panithaya Chareonthaitawan, M.D., Robert L. Frye, M.D., Allan S. Jaffe, M.D.

10:00 a.m.  Refreshment Break and Exhibits

#3 Atrial Fibrillation
10:30 a.m.  State of the Art in Atrial Fibrillation  
Win-Kuang Shen, M.D.

Case Presentation: 60-Year-Old Male with a History of Conjestive Heart Failure, Atrial Fibrillation and Poor Rate Control  
Moderator: Win-Kuang Shen, M.D.  

#4 Ventricular Arrhythmias
11:30 a.m.  State of the Art in Ventricular Arrhythmias and Implantable Cardioverter Defibrillators  
Peter A. Brady, M.D.

Case Presentation: A Patient with Ejection Fraction of 35%, Left Bundle Branch Block, and No Prior History of Coronary Artery Disease with a History of Non-Sustained VT on Monitor  
Moderator: Thomas M. Munger, M.D.  
Panelists: Samuel J. Asirvatham, M.D., Peter A. Brady, M.D., Bernard J. Gersh, M.B., Ch.B., D.Phil.

12:30 p.m.  Luncheon

#5 Preventive Cardiology
1:30 p.m.  State of the Art in Preventive Cardiology: Which Diet is Correct?  
Gerald T. Gau, M.D.

Case Presentation: 66-Year-Old Obese Male with High Fasting Blood Sugar  
Moderator: Robert L. Frye, M.D.  
Panelists: Thomas E. Kotlik, M.D., Iftikhar J. Kuloo, M.D., Francisco Lopez-Jimenez, M.D.
#6 Novel Risk Factors

2:30 p.m.  Incorporating Novel Risk Factors Into Clinical Practice
            Thomas G. Allison, M.D.

            Case Presentation: 50-Year-Old Postmenopausal Female with Multiple
            Cardiovascular Risk Factors, Taking Estrogen for Mild Hot Flashes
            Moderator:  Gerald T. Gau, M.D.
            Panelists:  Thomas G. Allison, M.D., Thomas E. Kottke, M.D., Ifikhar J. Kullo, M.D.

3:30 p.m.  Refreshment Break and Exhibits

#7 Sleep Apnea

4:00 p.m.  State of the Art in Sleep Apnea and Its Effects on Cardiovascular Disease
            Virend Somers, M.D.

            Case Presentation: 58-Year-Old Hypertensive Truck Driver Found to Have
            Asymptomatic Left Ventricular Dysfunction
            Moderator:  Lyle J. Olson, M.D.
            Panelists:  Virend Somers, M.D., Stephen C. Textor, M.D.

5:00 p.m.  Adjourn

5:00 p.m.  Reception

SUNDAY, OCTOBER 26, 2003

7:15 a.m.  Registration, Continental Breakfast and Exhibits

7:50 a.m.  Announcements

#8 Congestive Heart Failure

8:00 a.m.  State of the Art in Congestive Heart Failure: Diuretic Refractory Heart Failure -
            The "Cardio-Renal" Syndrome - Old and New Drugs - Old and New Devices
            Margaret M. Redfield, M.D.

            Case Presentations: Mini Case Presentations
            Moderator:  Daniel D. Borgeson, M.D.
            Panelists:  Robert C. Albright, D.O., Robert P. Frantz, M.D., Margaret M. Redfield, M.D.

#9 Valvular Heart Disease

9:00 a.m.  State of the Art for Valvular Heart Disease: The Management of Asymptomatic
            Mitral Regurgitation
            William K. Freeman, M.D.

            Case Presentation: Asymptomatic Aortic Stenosis, Mean Gradient 55 mmHg, in
            a Vigorous Farmer
            Moderator:  William K. Freeman, M.D.
            Panelists:  Richard C. Daly, M.D., Vuyisile T. Nkomo, M.D., Steve R. Ommen, M.D.

10:00 a.m.  Refreshment Break and Exhibits
#10 Update in Peripheral Vascular Disease

10:30 a.m.  Update in Peripheral Vascular Disease:  Aortic Aneurysmal Disease
Thom W. Rooke, M.D.

Case Presentation: 75-Year-Old with Chronic Stable Angina, A Recent TIA, and an 80% Carotid Stenosis
Moderator:  Paul W. Wennberg, M.D.
Panelists:  Verghese Mathew, M.D., Ian R. McPhail, M.D., Timothy M. Sullivan, M.D.

#11 Clinical Genetics

11:30 a.m.  State of the Art in Clinical Genetics for Clinicians
Matthew E. Bernard, MD

Case Presentation: 31-Year-Old Asymptomatic Male with a Family History of Hypertrophic Cardiomyopathy
Moderator:  Steve R. Ommen, M.D.

12:30 p.m.  Closing Remarks, Summary and Evaluation
Bernard J. Gersh, M.B., Ch.B., D.Phil.

1:00 p.m.  Adjourn

FACULTY

Course Director:  Bernard J. Gersh, M.B., Ch.B., D.Phil.

Co-Directors:  Matthew E. Bernard, M.D., Gerald T. Gau, M.D., Steve R. Ommen, M.D.

Mayo Clinic Faculty
Robert C. Albright, D.O.  Allan S. Jaffe, M.D.  Margaret M. Redfield, M.D.
Thomas G. Allison, M.D.  Thomas E. Kottke, M.D.  Guy S. Reeder, M.D.
Samuel J. Asirvatham, M.D.  Ifikhar J. Kullo, M.D.  Thom W. Rooke, M.D.
Daniel D. Borgeson, M.D.  Francisco Lopez-Jimenez, M.D.  Win-Kuang Shen, M.D.
Peter A. Brady, M.D.  Verghese Mathew, M.D.  Virend Somers, M.D.
Panithaya Charoenthaitavee, M.D.  Ian R. McPhail, M.D.  Timothy M. Sullivan, M.D.
Richard C. Daly, M.D.  Thomas M. Munger, M.D.  Thoralf M. Sundt, III, M.D.
Robert P. Frantz, M.D.  Vuyisile T. Nkomo, M.D.  Stephen C. Textor, M.D.
William K. Freeman, M.D.  Lyle J. Olson, M.D.  Paul W. Wennberg, M.D.
Robert L. Frye, M.D.

FACULTY DISCLOSURE  -  As a provider accredited by ACCME, Mayo Foundation must ensure balance, independence, objectivity and scientific rigor in its educational activities.  All faculty participating in a Mayo Foundation activity are required to disclose commitments to and/or relationships with pharmaceutical companies, biomedical device manufacturers or distributors, or others whose products or services may be considered to be related to the subject matter of the educational activity.  Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation.  Disclosure of these commitments and/or relationships will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

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

Additional Education Opportunities at Mayo Clinic Rochester

Clinical Reviews  -  October 27 - 29, 2003
Mayo Clinic Rochester Clinical Reviews is a series of lectures and discussions about timely and controversial topics in general medicine and surgery.  For more information about this program or other offerings, contact Mayo School of Continuing Medical Education, by calling toll-free, 1-800-323-2688, or 507-284-2509, faxing your request to 507-284-0532, sending e-mail to cme@mayo.edu, or visit our website, www.mayo.edu/cme.
Please print or type all information. Duplicate this form for multiple registrations.

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<th>Name</th>
<th>First Name</th>
<th>Middle Name or Initial</th>
<th>Last Name</th>
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Degree: 
- [ ] M.D.
- [ ] Ph.D.
- [ ] DO
- [ ] PA
- [ ] NP
- [ ] Other ___________

Institution
_____________________________________________________________________

Medical specialty
_____________________________________________________________________

E-mail
_____________________________________________________________________

Which do you prefer to be your mailing address:  
- [ ] Work/Business  
- [ ] Home

Work address
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City__________________________________State/PV___________ZIP/PC ______________

Home address
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Home telephone (____ )_________________ Business telephone (____ )_________________

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[ ] Please check if you have special accommodation or dietary needs and indicate specific need(s): __________________________________________________________________

REGISTRATION FEE

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<th>Physicians: $300</th>
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RECEPTION (5:00 p.m., Saturday, October 25)

Please indicate if you will attend:  
- [ ] Yes, I will attend.  
- [ ] No, I will not attend.  

Complimentary

Total Payment Enclosed $____________

PAYMENT METHOD

- [ ] Check enclosed (payable to Mayo Foundation)  
- [ ] Visa  
- [ ] MasterCard  
- [ ] Discover

Card Number
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Expires MO/YR
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Signature

Date
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October 25 – 26, 2003

Mayo Clinic
Rochester, Minnesota

Route to: ____________________

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