Case Studies in Valvular Heart Disease:
An Evidence-Based, Real-Life Interactive Experience

Saturday, April 2, 2011

10:30 a.m. Registration
11:00 a.m. Program

New Orleans Marriott at the Convention Center
Blaine Kern Ballroom, First Floor

Program Directors:
Hector I. Michelena, MD, FACC
Maurice Enriquez-Sarano, MD, FACC

This course is supported by the Mayo Clinic Cardiovascular Division.

SATELLITE EDUCATION PROGRAM

“This event is not part of the official ACC Annual Scientific Session & Expo and/or the American College of Cardiology’s Innovation in Intervention: i2 Summit in Partnership with the Cardiovascular Research Foundation (CRF), as planned by their Program Committees.”
Significant valvular heart disease has a national prevalence of 2.5% and affects 13% of patients ≥ 75 years old. Significant research efforts have provided important insights into the natural history, prognosis and management of valvular diseases. Surgical techniques have advanced, as well as new minimally-invasive operative and percutaneous approaches. Notwithstanding, significant debate and ongoing discussion remain, particularly in the management of the asymptomatic patient with severe valve disease, the patient with valve disease accompanied by left ventricular dysfunction, and the elderly patient with valvular disease. The time has come to bring together clinicians, surgeons, researchers and valve experts in an interactive, evidence-based discussion of real-life clinical situations that will result in a thorough understanding of the key elements that conform the current state-of-the-art approach to valvular disease, with specific knowledge-gap closure. Providers must understand valvular pathophysiology and its interaction with the individual patient. The program will provide elements to comprehend the fundamentals of the clinical evaluation, of the performance and interpretation of diagnostic tests, the appropriate timing and nature of mechanical and medical interventions, as well as the critical role of the patient’s values and beliefs. Come and discuss. Come and learn.

This course is designed for cardiologists, cardiac surgeons, internists, pathologists, cardiovascular fellows, nurses, and physician’s assistants with roles in the diagnosis, assessment, understanding, and management of valvular heart disease.

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**Course Learning Objectives**

Upon conclusion of this program, participants will:
- Recognize the features of all types of valvular heart disease;
- Identify the clinical utility of emerging cardiovascular imaging modalities on valvular heart disease and apply them in their clinical utility;
- Describe and treat complications of valvular heart disease;
- Assess the optimal indications and appraise new methods of percutaneous interventions;
- Identify clinical tools to approach most complex and perplexing cases of valvular heart disease;
- Explain the optimal timing of surgery in asymptomatic patients and comprehend newly developed criteria; and
- Evaluate patients for repair of mitral and aortic valves.
General Information

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

College of Medicine, Mayo Clinic, designates this live activity for a maximum of 4.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Date And Location
Case Studies in Valvular Heart Disease will be held Saturday, April 2, 2011. The program will be held at the New Orleans Marriott at the Convention Center, Blaine Kern Ballroom, First Floor, 859 Convention Center Boulevard, New Orleans.

Registration
To register online, visit http://www.mayo.edu/cme/cardiovascular-diseases-2011r497-03, or complete the attached registration form and return by mail or fax. Although it is not Mayo School of Continuous Professional Development (CPD) policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A letter of confirmation will be e-mailed upon receipt of a completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

For additional information, contact:
Mayo Cardiovascular CME
200 1st Street SW
Gonda 6-207
Rochester, MN 55905

Website: www.mayo.edu/cme
E-mail: cvcme@mayo.edu
Phone: 800-283-6296 or 507-266-0677
Fax: 507-538-0146

Ground Transportation
The cost for parking is not included in the registration fee. Bus services will not be available for this program.

Faculty Disclosure
As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of Continuous Professional Development) 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**

**Saturday, April 2, 2011**

**New Orleans Marriott at the Convention Center, Blaine Kern Ballroom, First Floor**

10:30 a.m.  Registration

11:00 a.m.  Introduction

11:15 a.m.  **Mitral Valve Disease Illustrative Cases**
- Organic MR: 3D-Echo - Useful with Complex Mechanisms?
- Comparison Asymptomatic Organic MR: Does This Patient Need Early Mitral Repair?
- Asymptomatic Organic MR: Is it Too Late for Mitral Repair?
- Hemodynamic Cath and Valve Disease: Useful!
- Periprosthetic Leak Percutaneous Closure: Prime Time?
- Mitral Clip: Is It Possible? What Do Surgeons Think?
- Robotic Mitral Repair: Better Than Open?

1:00 p.m.  Refreshment Break

1:30 p.m.  **The Forgotten Valve Illustrative Cases**
- Case of Tricuspid Regurgitation I
- Case of Tricuspid Regurgitation II

2:00 p.m.  **Aortic Valve Disease Illustrative Cases**
- Asymptomatic Aortic Stenosis: Conundrum or Not?
- Severe AS Low Gradient, Normal EF. Is It Real?
- Low EF and Low Gradient Aortic Stenosis —Help!
- Aortic Regurgitation with Bicuspid Aortic Valve: Approach...
- Aortic Stenosis with Porcelain Aorta. What Can the Surgeon Do?
- Percutaneous AVR – Here to Stay?
- Transapical AVR – Here to Stay?

4:00 p.m.  Adjourn

**Program Course Directors:**
Hector I. Michelena, M.D., F.A.C.C.
Maurice Enriquez-Sarano, M.D., F.A.C.C.

**Program Faculty:**
Crystal R. Bonnichsen, M.D.
Barry A. Borlaug, M.D.
Mario Goessl, M.D.
Kevin L. Greason, M.D.
Rekha Mankad, M.D.
Sunil V. Mankad, M.D.
Vuyisile T. Nkomo, M.D.
Charanjit S. Rihal, M.D.
Paul Sorajja, M.D.
Rakesh M. Suri, M.D., D.Phil.

**Guest Faculty:**
Philippe Pibarot, D.V.M., Ph.D., F.A.H.A.,
F.A.C.C., F.A.S.E.
Case Studies in Valvular Heart Disease

Saturday, April 2, 2011
11:00 a.m. – 4:00 p.m.
New Orleans Marriott at the Convention Center • New Orleans, LA

Mail or fax this registration form to:
Mayo Cardiovascular CME
200 First Street SW
Gonda 6-207
Rochester, MN  55905

Telephone:     800-283-6296
Website:       www.mayo.edu/cme
E-Mail:        cvcmec@mayo.edu
Fax:           507-538-0146

3 Easy Ways to Register!

Online: http://www.mayo.edu/cme/cardiovascular-diseases-2011r497-03
Phone:  800-283-6296 or 507-266-0677
Fax:  507-538-0146

On-site registration will be accepted on availability of seating. In order to guarantee seating and access to course materials, advance registration is encouraged. This program is provided free of charge.

(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_____________
Speciality  □ Cardiology  □ Cardiovascular Surgery  □ Other_____________

Institution_________________________________________________________________

E-mail________________________________________________________________________
(NOTE: E-mail is the primary form of correspondence - please print clearly)

Address________________________________________________________________________
City_______________________State/PV_________ZIP/PC_________Country______

Home Telephone (            )_________________________________________________

Business Telephone (            )______________ FAX (            )______________

☐ Please indicate if you require special accommodations to participate.

Complimentary Registration Fee
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