



Optimal Treatment Strategies for Advanced Heart Failure

**Westin Kierland Resort & Spa
Scottsdale, Arizona**

**Friday – Saturday
February 24-25, 2012**



In collaboration with



**Arizona
CHAPTER**

Course Highlights:

- Update on biomarkers in heart failure
- A practical approach to sleep apnea in heart failure
- Role of mechanical circulatory support in advanced heart failure
- Stem cell therapy in heart failure: fact versus fiction
- Treatment of pulmonary arterial hypertension for the cardiologist
- Treatment of special populations with decompensated heart failure

Mayo School of Continuous Professional Development
College of Medicine

www.mayo.edu

General Information

COURSE HIGHLIGHTS

This is the only course of its kind offered by Mayo Clinic in the Scottsdale/Phoenix area for the treatment of advanced heart failure. Advanced heart failure is a constellation of symptoms resulting in overall poor organ perfusion and ultimately premature death. This course will provide insight into the diagnosis as well as the acute and chronic management of this most devastating disease process. The course will feature experts both locally and nationally in order to enhance the education experience of the attendees.

COURSE LEARNING OBJECTIVES

Upon completion of this course, participants should be able to:

- Illustrate ideal management of surgical treatment of shock
- Examine patient selection for mechanical circulatory support
- Compare the current limitations for surgical versus percutaneous revascularization
- Examine ideal patient selection for percutaneous repair of valvular heart disease
- Identify the state-of-the-art surgical and medical approaches to acutely decompensated heart failure
- Review appropriate utilization of ICD and resynchronization therapy in heart failure management
- Conclude surgical and medical limitations and treatment options for atrial fibrillation.
- Analyze state-of-the-art treatment approaches for patients with variable clinical presentations of acutely decompensated heart failure as it relates to mechanical circulatory support, cardiac transplantation, resynchronization therapy, pulmonary arterial hypertension and high-risk cardiovascular surgery.

INTENDED AUDIENCE

Internists, cardiologists, intensivists, cardiothoracic surgeons, surgical mid-levels, cardiology midlevels, perfusionists, critical care nurses and cardiovascular fellows in training.

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 10.5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

A record of attendance will be provided to all registrants for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

MEETING LOCATION & ACCOMMODATIONS

Westin Kierland Resort & Spa
6902 East Greenway Parkway
Scottsdale, Arizona 85254
(480) 624-1000
www.kierlandresort.com

You are urged to make reservations early. A limited block of guest rooms have been reserved for attendees with a special course rate of \$259 single or double occupancy per night at Westin Kierland. Group rates will be honored 3 days prior and 3 days following the course dates, based upon space availability. To make your reservation, call (800) 354-5892.

To receive the special rate, you must make reservations before the room block is filled by the expiration date of February 1, 2012. Reservations will be taken following this date based upon resort room availability, at the contracted meeting rate. An optional resort fee of \$19 per room per night (tax included) includes unlimited internet access in guest rooms, local, long distance (domestic), access to Agave Spa Yoga and Well Walk fitness classes, expanded shuttle service to Kierland Commons and Scottsdale Quarter for individual use and tennis court and equipment rental.

Attendees are responsible for their own reservations. The standard hotel reservation cancellation policy will apply to individual reservations unless otherwise specified.

General Information

DISCLAIMER

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.

GRANTS & EXHIBITS

This course is supported in part by educational grants, in accordance with ACCME standards. As of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the meeting.

RECREATION/LEISURE ACTIVITIES

Visit www.visitphoenix.com or www.scottsdalecvb.com for additional recreation and leisure activities.

TRANSPORTATION

Ground Transportation: Hertz is offering a reduced daily rate for participants attending the course. Call **(800) 654-2240** and refer to CV Number **#03NR0007** when making reservations.

SuperShuttle vans offer airport transportation to and from the hotel. To make reservations, call **(800) 258-3826** or **(602) 244-9000**.

AMERICANS WITH DISABILITIES ACT

College of Medicine, Mayo Clinic fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify us at least two weeks prior to the activity. Email address: mca.cme@mayo.edu

Program

OPTIMAL TREATMENT STRATEGIES FOR ADVANCED HEART FAILURE

Friday, February 24, 2012

Noon	Registration
1:00 p.m.	Welcome and Introduction Drs. Francisco A. Arabia and Robert L. Scott
1:05	Ethical Consideration in ICD Implantation Paul S. Mueller, M.D.
1:30	Atrial Fibrillation in Heart Failure: Surgical and Medical Approaches Drs. Dawn E. Jaroszewski and Luis R. Scott
2:30	Current Guidelines for Heart Failure Management: Pushing the Boundaries of Pharmacotherapy in High Risk Failure Populations Daniel S. Yip, M.D.
3:00	Pulmonary Arterial Hypertension for the Cardiologist: Effective Diagnosis and Treatment of Pulmonary Arterial Hypertension Michael D. McGoon, M.D.
3:30	Panel Discussion
3:45	Break
4:00	When Do I Refer to a Heart Failure Center? Identification of High Risk Heart Failure Patients Robert L. Scott, M.D.
4:30	Debate: Percutaneous Valvular Repair Should be Standard of Care Drs. John P. Sweeney and Louis A. Lanza
5:30	Evaluation of Patients for Cardiac Transplantation: Optimizing Outcomes Radha S. Gopalan, M.D.
6:00	Adjourn

Program

Saturday, February 25, 2012

- 7:00 a.m. **Continental Breakfast**
- 7:45 **Welcome Announcements**
- 8:00 **Historical Development of Mechanical Circulatory Support**
Igor D. Gregoric, M.D.
- 8:30 **Mayo Clinic Extreme CPR Approach:
A Surgical Approach to Shock**
Octavio E. Pajaro, M.D.
- 9:00 **Patient Selection for Mechanical Circulatory Support:
Finding the Correct Device for the Correct Patient**
Francisco A. Arabia, M.D.
- 9:30 **Destination Therapy:
The New Paradigm for Advanced Heart Failure**
Octavio E. Pajaro, M.D.
- 10:00 **Panel Discussion**
- 10:15 **Break**
- 10:30 **Outpatient Destination Therapy Clinic:
It Takes a Village to Care for DT Patients**
Linda L. Staley, CNP, N.P., R.N.
- 11:00 **Diagnosis and Management of Complications
of Mechanical Circulatory Support**
Igor D. Gregoric, M.D.
- 11:30 **Optimization of Patients Before
Mechanical Circulatory Support**
Anantharam V. Kalya, M.D.
- Noon **Lunch** (*provided*)
- 1:00 p.m. **Acute Post-operative Management of Mechanical
Circulatory Support Patients**
Joel S. Larson, M.D.
- 1:30 **High Risk Revascularization: How High is Too High?**
Patrick A. DeValeria, M.D.
- 2:00 **The Role of the Perfusionist in Mechanical Circulatory Support**
Christopher N. Pierce, CCP
- 2:30 **Stem Cell Therapy in Advanced Heart Failure: Fact or Fiction**
Andre Terzic, M.D., Ph.D.
- 3:00 **Panel Discussion**
- 3:15 **Adjourn**

MAYO FACULTY

Francisco A. Arabia, M.D.
Patrick A. DeValeria, M.D.
Radha S. Gopalan, M.D.
Igor D. Gregoric, M.D.
Dawn E. Jaroszewski, M.D.
~~Anantharam V. Kayla, M.D.~~
Louis A. Lanza, M.D.
Joel S. Larson, M.D.
Michael D. McGoon, M.D.
Paul S. Mueller, M.D.
Octavio E. Pajaro, M.D.
Christopher N. Pierce, CCP
Luis R. Scott, M.D.
Robert L. Scott, M.D. *
Linda L. Staley, CNP, N.P., R.N.
John P. Sweeney, M.D.
Andre Terzic, M.D., Ph.D.
Daniel S. Yip, M.D.

*Course Director

FACULTY DISCLOSURE:

As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of CPD) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course Director(s), Planning Committee Members, 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 will also 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.

REGISTRATION FORM

2012S650
AMA

Optimal Treatment Strategies for Advanced Heart Failure

February 24-25, 2012

Registration at the standard fee may be completed using this form and faxing it to **(480) 301-9176**. Or you can mail it to: *Mayo Clinic, Mayo School of CPD, 13400 East Shea Boulevard, Scottsdale, Arizona 85259.*

An email confirmation will be sent upon receipt of payment and completed registration. If you do not receive your confirmation, or if you have any questions, please email us at **mca.cme@mayo.edu** or call **(480) 301-4580**.

No refund will be granted unless a written notice of cancellation is received. If registration must be canceled, tuition less a \$75 administrative fee, will be refunded when notification is received on or before February 10, 2012. No refunds will be made after this date.

Although it is not Mayo Clinic's policy to limit the number of registrants for a course, conference room facilities may necessitate closure of enrollment. Early registration is strongly recommended. Walk-in registrations cannot be guaranteed.

Mayo Clinic will not be responsible for expenses incurred by individuals who are not confirmed for courses with a closed registration status. Costs incurred by the registrant such as airline/ hotel fees or penalties are the responsibility of the registrant.

ONLINE SYLLABUS: Your registration fee includes access to a detailed online syllabus, emailed one week prior to the course. This allows you to view, save, or print the syllabus before attending the course. If you want to order a paper copy (additional fee), check the box at the bottom of this registration form.

Your type of practice: Solo Group University Resident/Fellow Retired Other: _____

Years in practice: 0-4 5-10 11-15 16-25 > 25

Course Registrant List *(Check only if you want your name removed)*

I do not want information (*i.e., name, degree, city, and state*) to appear on the course registrant list.

Registration Please print. Use duplicate form for multiple registrations.

Name of Registrant – first, middle, and last name		Institution	
Degree/Certification		Medical Specialty	
Preferred mailing address is: (select one) <input type="checkbox"/> Work/Business <input type="checkbox"/> Home			
Address			
City		State/Province	ZIP/Postal Code
Country	Email		
Daytime Telephone		Fax	
If you have special assistance needs or dietary restrictions, describe here:			
\$75 DISCOUNT for online registration! Go to www.mayo.edu/cme (offer expires January 24, 2012) <i>Note: When registering on-line, please be sure to "check-out" after your profile is completed/updated.</i>			
<input type="checkbox"/> Physicians Active in Practice	\$775	\$	_____
<input type="checkbox"/> Other (<i>resident, retired and allied health</i>)	\$675	\$	_____
<i>Note: Please refer to course agenda for included meals and refreshment breaks.</i>			
<input type="checkbox"/> Paper copy of the syllabus	\$30	\$	_____
<i>Note: Due to printing deadlines, this option will not be available after February 10, 2012</i>			

Payment Information (US Funds Only)

<input type="checkbox"/> Check is enclosed in the amount shown at right – make checks payable to Mayo Clinic CPD		Payment Total	
Credit Card (select one)	Account Number	Exp. Date (mm/yy)	
<input type="checkbox"/> Discover <input type="checkbox"/> MC <input type="checkbox"/> Visa			
Signature			Date