CAR디オLOGY UPDATE 2016
>> The Heart of the Matter

Thursday-Sunday
August 4-7, 2016

ENCHANTMENT RESORT
SEDONA, ARIZONA

ABIM/ABFM Recertification Modules Offered
Eligible for CME Credit
Eligible for Nursing Contact Hours

Register Now!
$75 DISCOUNT when you register at ce.mayo.edu/node/13998 by July 21, 2016
COURSE DESCRIPTION
A wide spectrum of topics in CHF/pulmonary hypertension, coronary artery diseases, cardiac arrhythmias, preventive cardiology, sports cardiology and valvular heart disease among others will be offered. In keeping pace with current demands, two optional modules (ABIM, ACCF) on CV diseases and one ABFM Self-Assessment Module will be offered for purposes of maintenance of certification. (Additional fee) This course is intended for practicing adult cardiologists, cardiovascular surgeons, cardiovascular trainees, general internists, family medicine specialists, physician assistants, nurse practitioners, and nurses with a cardiovascular interest.

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

• Explain the current indications and contraindications for TAVR and mitral valve clip.
• Identify patients with severe aortic valve stenosis who are candidates for transcatheter aortic valve replacement (TAVR).
• Identify indications and limitations of subcutaneous ICD systems.
• Describe current management guidelines for patients with ICD device infections.
• Apply the latest cardiovascular (CV) guidelines to improve overall morbidity/mortality rates.
• Describe practice changes to improve care for patients with obesity and heart disease.
• Summarize guidelines to increase preventive care for patients with CV diseases.
• Review issues related to cardiovascular adaptations to exercise.
• Identify cardiovascular conditions of risk for the practice of competitive sports.
• Apply current guidelines for the treatment of atrial fibrillation (AF).
• Identify guidelines for treatment and investigation of acute and chronic thromboembolic disease.
• Review indications, use, and limitations of pharmacologic therapy for Congestive Heart Failure (CHF).
• Apply current guidelines for the treatment of pulmonary hypertension.
• Apply current guidelines for the use of antiplatelet agents in acute coronary syndromes.
• Identify barrier-preventing application of palliative care in cardiovascular diseases.
• Apply current guidelines and understand their limitations in the treatment of pregnant women with congenital heart diseases.
• Discuss aortic valve disease and associated aortopathy in young adults.

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 AND 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. Exhibits will be available for viewing at all scheduled meals and breaks.

CREDIT
AMA: 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 live activity for a maximum of 23.0 AMA PRA Category 1 Credits™. (18.5 for the General Session and 4.5 for either ABIM or ABFM MOCs) Physicians should claim only the credit commensurate with the extent of their participation in the activity.
AAFP: This Live activity, Mayo Clinic Cardiology Update 2016: The Heart of the Matter, with a beginning date of 08/04/2016, has been reviewed and is acceptable for up to 23.25 Prescribed credit(s) by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
AOA: This program has been accredited by the American Osteopathic Association for 23.0 credits of AOA Category 2-A.
Nursing – Continuing Education Credit: Participants can earn up to 23.0 (18.5 for the General Session and 4.5 for ABIM or ABFM) ANCC nursing contact hours commensurate with the extent of their participation in the activity.
Mayo Continuing Nursing Education is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

Other Health Care Professionals: A certificate of attendance will be available to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

AMERICAN WITH DISABILITIES ACT
Mayo Clinic College of Medicine 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
MEETING LOCATION & ACCOMMODATIONS
Enchantment Resort
525 Boynton Canyon Road • Sedona, Arizona 86336
(800) 826-4180 • www.enchantmentresort.com

Enchantment Resort is close to being sold out.
A nearby option is the Sedona Rouge Hotel & Spa.
Please contact the hotel for availability and rates at (866) 312-4111.
www.sedonarouge.com

A limited block of guest rooms have been reserved for attendees with a special course rate of $245 (plus tax) single or double occupancy per night at Enchantment Resort. Group rates will be honored 3 days prior and 3 days following the course dates, based upon space availability. The resort fee is $20 per room per night and includes high speed internet access in the guest rooms, access to the spa, nightly turn down service with bottled water, and local / 800 phone call access fees. Maid and bellman gratuities are optional and are to be paid at the individual guest’s discretion.

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

HOTEL ACCOMMODATIONS/RECREATION/LEISURE ACTIVITIES
www.visitsedona.com

TRANSPORTATION
Hertz is offering a reduced daily rate for participants attending the course. Visit Hertz online at http://tinyurl.com/Mayo-ClinicHertz and refer to CV 03NR0011

Program

Thursday, August 4, 2016

Noon Registration
1:10 p.m. Welcome Announcements

HEART RHYTHM TOPICS
Moderators: Luis R. Scott, M.D. and Win-Kuang Shen, M.D.

1:15 Silent Atrial Fibrillation: Is There a Role for Routine Screening in Clinical Practice? Win-Kuang Shen, M.D.
1:45 Aspirin for Stroke Prevention in Atrial Fibrillation: Myth or Mantra Bernard J. Gersh, M.B., Ch.B.
2:15 Left Atrium Occlusion in Patients with Atrial Fibrillation: Current Indications and Options Luis R. Scott, M.D.
2:45 Asymptomatic Non-sustained Ventricular Tachycardia Found in Patients with Permanent Pacemaker: What are the Recommendations? Dan Sorajja, M.D.
3:15 PVCs in Structural Normal Hearts: Are They Always Benign? Komandoor Srivathsan, M.D.
3:45 Panel Discussion and Q & A
4:05 Refreshment Break

HEART RHYTHM AND MISCELLANEOUS TOPICS
Moderators: Luis R. Scott, M.D. and Win-Kuang Shen, M.D.

4:25 Implantation of ICD in Asymptomatic Patients with Inherited Arrhythmia Syndromes: What are the Indications Fred Kusumoto, M.D.
4:55 Update on Endocarditis and Cardiac Device Infections H. R. Vikram, M.D.
5:25 State-of-the-Art Medical Treatment of Dilated Cardiomyopathy and CHF – Can We Change the Natural History? TBD
5:55 Panel Discussion and Q & A
6:30 Attendee Welcome Reception

Friday, August 5, 2016

6:15 a.m. Continental Breakfast
6:50 Welcome Announcements

ADULT CONGENITAL HEART DISEASE AND SPORTS CARDIOLOGY
Moderator: Fadi E. Shamoun, M.D.

7:00 Congenital Aortic Valve Disease and Aortopathies: How Do I Manage Them? Sabrina D. Phillips, M.D.
7:30 Congenital Heart Disease in Childbearing Age: Current Recommendations for Contraception, Delivery and Peripartum Management Tabitha G. Moe, M.D.
Cardiovascular Health Screening Prior to Sport Participation ........................... Michael J. Bryan, M.D.
Cardiovascular Events During Sports: The Scope of the Problem From Youth to Professional Athletes ............................ Silvana Molossi, M.D., Ph.D.
Eligibility, Disqualification and Evaluation for Athletes: Coronary Artery Disease and Hypertension ................................. Regis I. Fernandes, M.D.
Valvular Diseases and Myocardial Diseases ................................. Silvana Molossi, M.D., Ph.D.
Panel Discussion and Q & A
Refreshment Break

CARDIOMYOPATHIES AND HEART FAILURE
Moderator: .......................... D. Eric Steidley, M.D.
10:10 .......................... Update in the Treatment of Pulmonary Arterial Hypertension in 2016 ................................. Joseph Murphy, M.D.
10:40 .......................... Update in Pulmonary Embolism (PE) and Deep Vein Thrombosis (DVT): What are the New Recommendations? ........................ Fadi E. Shamoun, M.D.
11:10 .......................... The Assessment of Hearts with Restrictive Physiology Including Amyloid ........................ Sabrina D. Phillips, M.D.
11:40 .......................... Indications for LVAD and Heart Transplant: Should We Wait Until Everything Else Fails? ........................ D. Eric Steidley, M.D.
12:10 p.m. .......................... Palliative Care in Advanced Cardiovascular Diseases: Timing and Treatment Role ........................ Sara E. Wordingham, M.D.
12:40 .......................... Genetic Dyslipidemias: A Practical Approach for the Clinician ........................ Regis L. Fernandes, M.D.
1:10 .......................... Panel Discussion and Q & A
1:30 .......................... Adjourn (lunch on your own)

Satrday, August 6, 2016

6:30 a.m. .......................... Continental Breakfast
PREVENTIVE CARDIOLOGY AND CORONARY ARTERY DISEASE
Moderator: .......................... R. Todd Hurst, M.D.
7:00 .......................... Obesity as a Risk Factor for CV Diseases: Effects on the Muscle, Rhythm and Circulation ........................ Regis L. Fernandes, M.D.
7:30 .......................... Redefining Healthcare: Disease Prevention, Lifestyle Medicine, and Wellness ........................ Robert Scales, Ph.D.
8:00 .......................... Beyond Statins and Basic Lipid Profile: What is New and When to Use It? ........................ Thomas G. Allison, Ph.D.
8:30 .......................... The Use of Imaging in Preventive Cardiology: Options, Utility and Future Trends ........................ R. Todd Hurst, M.D.
9:00 .......................... Panel Discussion and Q & A
9:20 .......................... Refreshment Break
9:40 .......................... Indications for Revascularization in Chronic Stable Angina: Reconciling the Results of the Randomized Trials ........................ Bernard J. Gersh, M.B., Ch.B.
10:10 .......................... Acute Revascularization for ACS: Thrombolysis and PCI – Current Recommendations and Strategies for Special Populations ........................ Joseph G. Murphy, M.D.
10:40 .......................... Practical Approach for the Use of Antiplatelet Therapy Post PCI in ACS and Non-ACS Patients: Which Drugs and for How Long? ........................ Kwan S. Lee, M.D.
11:10 .......................... Panel Discussion and Q & A
11:30 .......................... Lunch (included)

VALVULAR HEART DISEASE
Moderator: .......................... Hari P. Chaliki, M.D.
12:30 p.m. .......................... Aortic Stenosis: Challenging Cases ........................ Vuyisile T. Nkomo, M.D., M.P.H.
1:00 .......................... TAVR: Current and Future Indications ........................ John P. Sweeney, M.D.
1:30 .......................... Periprocedural Echocardiography Guidance for TAVR ........................ Hari P. Chaliki, M.D.
2:00 .......................... Mitrail Regurgitation: Surgery or Clip? How Do I Decide? ........................ Peter M. Pollak, M.D.
2:30 .......................... Mitrail Clip: Peri and Intra-Procedural Assessment ........................ Tasneem Z. Naqvi, M.D.
3:00 .......................... Tricuspid Regurgitation: When to Fix It? When to Ignore It? ........................ Vuyisile T. Nkomo, M.D., M.P.H.
3:30 .......................... Panel Discussion and Q & A
3:45 .......................... Adjourn

Sunday, August 7, 2016

6:30 a.m. .......................... Continental Breakfast
7:00 .......................... ABIM – Hari P. Chaliki, M.D. ABFM – Michael J. Bryan, M.D.
9:30 .......................... Refreshment Break
9:45 .......................... ABIM – Hari P. Chaliki, M.D. ABFM – Michael J. Bryan, M.D.
11:45 .......................... Adjourn

Program schedule is subject to change without notice.
### American Board of Internal Medicine (ABIM) Maintenance of Certification

**ABIM SEP Medical Knowledge Modules**
The optional post-course ABIM Self Evaluation Process (SEP) Medical Knowledge modules are chaired by expert faculty who will analyze each module question, review current evidence and key points and summarize clinical pearls. Session attendees actively participate using an audience response system and verbalize their understanding of current evidence and a common consensus would be achieved in answering these questions. The collective information gathered in these interactive sessions enhances individual knowledge and longer retention of current medical information. After the completion of these interactive modules, the attendee can go online to obtain MOC credit from ABIM. An additional fee applies.

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.

**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 live activity for a maximum of 4.50 AMA PRA Category 1 Credits™ (2.25 credits per module). Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Please note:** You may claim AMA PRA Category 1 Credits™ or ABIM points. You may not claim credit with both organizations.

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### American Board of Family Medicine (ABFM) Self-Assessment Module (SAM) “Cardiology”

In this group learning experience, attendees will work together, facilitated by expert Mayo Clinic faculty, to review and discuss core competency questions and to decide as a group on the best answers. After completing the session, Mayo staff will report the group's answers and individual's participation to the ABFM. Later, participants must individually access the ABFM web site, pay the necessary fees, and complete the clinical simulation section (which presents patient care scenarios corresponding to the topic module) in order to complete and receive final credit for the SAM. Attention attendees: Please provide ABFM ID# or AAFP ID# upon check-in at the course registration desk.

**INTENDED AUDIENCE:** Family Medicine physicians who are diplomats of the ABFM.

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You may claim AMA PRA Category 1 Credits™, or ABFM points. You may not claim credit with both organizations.

In addition to fulfilling ABFM Part II SAM Requirements, CME credit will be granted by the AAFP upon successful completion of the patient simulation portion of this module. For individuals who do not complete the whole ABFM module, Mayo Clinic College of Medicine designates this educational activity for a maximum of 4.50 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Please note:** There is a separate registration fee for the Self-Assessment sessions; attendees will be individually responsible for the additional ABFM fees required before completing the clinical simulation section.

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### Optional Sessions

$75 DISCOUNT when you register at http://ce.mayo.edu/node/13998 Offer expires July 21, 2016

Registration is available on our NEW website at ce.mayo.edu/node/13998

The course registration fee includes tuition, access to an online course syllabus, meals as noted in the program, break refreshments, and welcome reception. An additional registration fee applies for the optional ABIM or ABFM modules. A link to the online syllabus will be sent via email prior to the course. This allows you to view, save or print the syllabus before attending the course. No printed syllabus will be available.

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 July 1, 2016. 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 School of Continuous Professional Development (MSCPD) reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event that MSCPD must cancel or postpone this course, MSCPD will fully refund the registration fee, but are not responsible for any related costs, charges or expenses to participants, including fees assessed by airline, travel or lodging agencies.

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.

### GENERAL SESSION

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<thead>
<tr>
<th>Physicians Active in Practice</th>
<th>Early</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$565</td>
<td>$640</td>
</tr>
<tr>
<td>Other (resident, retired and allied health)</td>
<td>$415</td>
<td>$490</td>
</tr>
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**ABIM MAINTENANCE OF CERTIFICATION** (Sunday, Aug. 7, 2016)

- Physicians: $125
- Other (resident, retired and allied health): $25

**ABFM SELF-ASSESSMENT MODULES** (Sunday, Aug. 7, 2016)

- Physicians: $125
- Other (resident, retired and allied health): $25

Note: Please refer to course agenda for included meals and refreshment breaks

**THURSDAY EVENING WELCOME RECEPTION** (2 included in registration fee)

You and a guest are invited to attend the Welcome Reception on Thurs. Aug. 4 at 6:30 pm Additional Guests are welcome to join you for $55 each.
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