Cardiology Update 2017

THE HEART OF THE MATTER

JOINTLY PROVIDED BY MAYO CLINIC SCHOOL OF CONTINUOUS PROFESSIONAL DEVELOPMENT AND MAYO CONTINUING NURSING EDUCATION

SEDONA, ARIZONA
AUGUST 3-6, 2017
ENCHANTMENT RESORT

$75 DISCOUNT WHEN YOU REGISTER BY JULY 6, 2017
COURSE DESCRIPTION
A wide spectrum of topics in CHF/pulmonary hypertension, coronary artery disease, cardiac arrhythmias, anticoagulation, preventative cardiology, sports cardiology and valvular heart disease among others will be offered. In keeping pace with current demands, two modules (ABIM, ACCF) on cardiovascular (CV) diseases and one ABFM Self-Assessment Module will be offered for purposes of maintenance of certification.

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

- Review indications, use, and limitation of different types of anticoagulants in a diverse spectrum of cardiovascular diseases.
- Explain the current indications and contra-indications for transcatheter aortic valve replacement (TAVR) and mitral valve clip.
- Identify patients with severe aortic valve stenosis who are candidates for TAVR.
- Apply the latest CV guidelines to improve overall morbidity/mortality rates.
- Describe practice changes to improve care for patients with obesity and heart disease.
- Summarize guidelines to improve 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.

Attendance at this Mayo Clinic 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 (ACCME) to provide continuing medical education for physicians. Mayo Clinic College of Medicine designates this live activity for a maximum of 22.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Mayo Continuing Nursing Education is accredited with distinction as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation. Participants can earn up to 22.0 nursing contact hours accredited. Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

This program has been accredited by the American Osteopathic Association for 22.0 credits of AOA Category 2-A.

Other Health Care Professionals: A record 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.

INTENDED AUDIENCE
This course is intended for practicing adult cardiologists, cardiovascular surgeons, cardiovascular trainees, general internists, family medicine specialists, physician assistants, nurse practitioners, nurses, and any staff with a cardiovascular interest.

WELCOME RECEPTION
Each registrant and a guest are cordially invited to join the course faculty for the welcome reception on Thursday, August 3, 2017 immediately following the course. This casual reception welcomes you to Enchantment, officially opens the course, and offers you the perfect opportunity to make connections with existing and new colleagues. Registrant and a guest are included in registration fee. Pre-registration is required.

GRANTS AND EXHIBITS
At the time of this printing, a complete listing of commercial supporters (financial or in-kind) was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting. Exhibits will be available for viewing at all scheduled breaks.

TRAVEL
HERTZ is offering a reduced daily rate for participants attending this course. Visit www.hertz.com and refer to the exclusive CV# 03NR0012.

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 Mayo Clinic School of CPD before July 20, 2017 via e-mail mca.cme@mayo.edu or fax (480) 301-8323. No refunds will be made on or after July 20, 2017. Canceled registrations are non-transferable.

Mayo Clinic School of Continuous Professional Development (MCSCPD) reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event that MCSCPD must cancel or postpone this course, MCSCPD will 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 School of CPD is not responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the meeting. Costs incurred by the registrant such as airline or hotel fees or penalties are the responsibility of the registrant.

Travel arrangements are the sole responsibility of the individual registrant.
THURSDAY, AUGUST 3, 2017
12:00 p.m. Registration and Exhibits
1:50 Welcome Announcements

SESSION 1 MODERATORS: Luis R. Scott, M.D and F. David Fortuin, M.D.
2:00 MRI with Cardiac Implantable Devices: What Do I Need to Know and How Can it Be Done? Win-Kuang Shen, M.D.
2:30 Asymptomatic Non-Sustained Ventricular Tachycardia: When to Worry and How to Investigate Komandoor Srivathsan, M.D.
3:00 Subcutaneous Implantable Cardioverter Defibrillator, Leadless Pacemaker, Injectable Loop Recorders: When to Use them Luis R. Scott, M.D.
3:30 Left Atrial Appendage Closure: Patient Selection and Procedure Outcomes Eric H. Yang, M.D.
4:00 Panel Discussion and Q&A
4:15 Refreshment Break

SESSION 2 MODERATORS: Luis R. Scott, M.D. and F. David Fortuin, M.D.
4:30 Chronic Pericardial Disease: Diagnosis and Treatment Christopher P. Appleton, M.D.
5:00 Pulmonary Arterial Hypertension: Evaluation and Treatment Joseph G. Murphy, M.D.
5:30 Antiplatelet Therapy Post Percutaneous Coronary Intervention in Acute Coronary Syndrome (ACS) and Non-ACS Patients: Which Drugs and for How Long? F. David Fortuin, M.D.
6:00 Panel Discussion and Q&A
6:15 Attendee Welcome Reception

FRIDAY, AUGUST 4, 2017
6:10 a.m. Continental Breakfast
6:55 Announcements

SESSION 3 MODERATORS: Robert L. Scott, M.D. and Brian W. Hardaway, M.D.
7:00 Medical Therapy for Chronic Systolic Heart Failure: Sacubitril, Ivabradine, Angiotensin-Converting Enzyme Inhibitors, Angiotensin Receptor Blockers, Beta Blockers, Aldosterone Antagonist . . . Should Patients Take Them All? Guidance from the Expert Brian W. Hardaway, M.D.
7:30 Echo-Guided Cardiac Resynchronization Therapy: Current State and Indications Tasneem Z. Naqvi, M.D.
8:00 Cardiogenic Shock: When to Advance to Non-Pharmacologic Therapies and What Options to Consider Robert L. Scott, M.D.
8:30 Diastolic Dysfunction in Clinical Practice: Can Echo Guide Therapy? Christopher P. Appleton, M.D.
9:00 Break
9:15 Cardiac Amyloidosis: Diagnosis and Treatment Sabrina D. Phillips, M.D.
9:45 Acute Myocarditis: Update in Diagnosis and Therapy Leslie T. Cooper, M.D.
10:15 Panel Discussion and Q&A
FRIDAY, AUGUST 4, 2017 (continued)

SESSION 4 MODERATORS: Regis I. Fernandes, M.D. and Samuel Unzek, M.D.

10:30 a.m.  Cardiovascular Diseases, Biochemical Markers and Image Testing for Primary Prevention: What's New and What to Do With the Results  Francisco Lopez-Jimenez, M.D.

11:00  To Stress or Not To Stress: Peri-Operative Risk Evaluation for Non-Cardiac Surgery  Samuel Unzek, M.D.

11:30  Lipid Profile and Beyond: What to Check and How to Treat  Thomas G. Allison, Ph.D.

12:00 p.m.  Panel Discussion and Q&A

12:15  Lunch (provided)

SESSION 5 MODERATORS: Regis I Fernandes, M.D. and Francisco Lopez-Jimenez, M.D.

1:00  Physical Activity and Cardiovascular Diseases: The Value and Current State of Cardiac Rehabilitation  Regis I. Fernandes, M.D.

1:30  Usefulness of Cardiopulmonary Stress Testing in the Evaluation of Dyspnea: How to Interpret it and Illustrative Cases  Samuel Unzek, M.D.

2:00  Update in Hypertension: Blood Pressure Level in Primary and Secondary Prevention  Regis I. Fernandes, M.D.

2:30  Panel Discussion and Q&A

2:45  Adjourn

SATURDAY, AUGUST 5, 2017
6:10 a.m.  Continental Breakfast

6:55  Announcements

SESSION 6 MODERATORS: Hari P. Chaliki, M.D. and Reza Arsanjani, M.D.

7:00  Middle Age Conundrum: How Hard Can I Safely Exercise?  Aaron L. Baggish, M.D.

7:30  Mitral Regurgitation: Timing for Surgery  Reza Arsanjani, M.D.

8:00  Interventional Echocardiography: Illustrative Mitral Valve Clip Cases On How Echo Makes the Difference  Hari P. Chaliki, M.D.

8:30  Aortic Stenosis: Challenging Cases  Vuyisile T. Nkomo, M.D., M.P.H

9:00  Morphologic Findings in the Athlete's Heart: How to Differentiate Normal from Pathologic  Aaron L. Baggish, M.D.

9:30  Panel Discussion and Q&A

9:45  Break

10:00  Tricuspid Valve: Clinical Following-Up and Surgical Indications  Vuyisile T. Nkomo, M.D., M.P.H.

10:30  Management of Congenital Aortic Valve Disease and Aortopathies  Sabrina D. Phillips, M.D.

11:00  Update on Transcutaneous Aortic Valve Replacement: Current Procedure and Future Indications  John P. Sweeney, M.D.

11:30  Panel Discussion and Q&A

11:45  Lunch (provided)

SESSION 7 MODERATOR: Fadi E. Shamoun, M.D.

Flash Talks in Anticoagulation

12:30 p.m.  Pharmacology of Warfarin and Current Direct Oral Anticoagulants  Fadi E. Shamoun, M.D.

12:40  Percutaneous Transluminal Coronary Intervention with Atrial Fibrillation  Eric H. Yang, M.D.

12:50  Recommendations for Anticoagulation in Device-Detected Atrial Tachycardia  Luis R. Scott, M.D.

1:00  Pulmonary Embolism and Deep Venous Thrombosis: Work-Up and Treatment Recommendations  Fadi E. Shamoun, M.D.

1:30  Anticoagulation and GI Bleed and the Concept of a Cardio-GI Clinic: Why is it Different and Who Should I Send There?  Neena S. Abraham, M.D.

2:00  Anticoagulation in Clinical Practice: Comparison Between Real World Data and Randomized Controlled Trials  Peter A. Noseworthy, M.D.

2:30  Panel Discussion and Q&A

2:45  Adjourn

SUNDAY, AUGUST 6, 2017 (optional sessions - additional fee)
6:30 a.m.  Continental Breakfast

7:00  ABIM or  ABFM  Michael J. Bryan, M.D.

9:30  Break

9:45  ABIM or  ABFM  Michael J. Bryan, M.D.

11:45  Adjourn
American Board of Internal Medicine (ABIM) Maintenance of Certification Self Evaluation Process (SEP) Medical Knowledge Modules

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 4.5AMA 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. NOTE: You may claim AMA PRA Category 1 Credits™ or ABIM points. You may not claim credit with both organizations.

American Board of Family Medicine (ABFM) Self-Assessment Module (SAM) on Cardiovascular Diseases

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 is Family Medicine physicians who are diplomats of the ABFM.

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REGISTRATION FEES

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 e-mail 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 e-mail 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 e-mail us at mca.cme@mayo.edu or call (480) 301-4580. 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. Please refer to course program for included meals and refreshment breaks.

For more information, contact: Mayo Clinic School of Continuous Professional Development
13400 East Shea Boulevard · Scottsdale, AZ 85259
Website: ce.mayo.edu · Email: mca.cme@mayo.edu · Phone: (480) 301-4580

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<thead>
<tr>
<th>Optional Sessions</th>
<th>On or Before July 6, 2017</th>
<th>Standard</th>
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<tbody>
<tr>
<td>ABIM Maintenance of Certification (August 6)</td>
<td>Physicians active in practice</td>
<td>$645</td>
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<td>Other (resident, retired and allied health)</td>
<td>$490</td>
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<tr>
<td>ABFM Self-Assessment Modules (August 6)</td>
<td>Physicians active in practice</td>
<td>$125</td>
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<td>Other (resident, retired and allied health)</td>
<td>$75</td>
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<tr>
<td>Welcome Reception (August 3)</td>
<td>Registrant and a guest are invited to attend.</td>
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Mayo Clinic
13400 East Shea Boulevard
Scottsdale, Arizona 85259

Mayo Clinic Course Directors
Luis R. Scott, M.D. and Hari P. Chaliki, M.D.

Mayo Clinic Faculty
Neena S. Abraham, M.D.
Thomas G. Allison, Ph.D.
Christopher P. Appleton, M.D.
Reza Arsanjani, M.D.
Michael J. Bryan, M.D.
Leslie T. Cooper, M.D.
Regis I. Fernandes, M.D.
F. David Fortuin, M.D.
Brian W. Hardaway, M.D.
Francisco Lopez-Jimenez, M.D.
Joseph G. Murphy, M.D.

Guest Faculty
Aaron L. Baggish, M.D.
Massachusetts General Hospital - Cardiovascular Performance Program - Boston, MA
Sabrina D. Phillips, M.D.
University of Oklahoma - Health Science Center - Oklahoma City, OK

Adjunct Faculty
Santosh Desai, D.O.
Nakal S. Hamoud, M.B., Ch.B.

FACULTY DISCLOSURE: As a provider accredited by ACCME, Mayo Clinic College of Medicine (Mayo Clinic 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 the course materials so that participants in the activity may formulate their own judgments regarding the presentation.

NON-PHYSICIAN PAYMENT TRANSPARENCY PROGRAM: Mayo Clinic College of Medicine complies with the requirements of the National Physician Payment Transparency Program: OPEN PAYMENTS (Physician Payments Sunshine Act).

$75 DISCOUNT when you register at https://ce.mayo.edu/cardiologyupdate2017 by July 6, 2017

E-mail: mca.cme@mayo.edu • Phone: (480) 301-4580 • Fax: (480) 301-9176

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