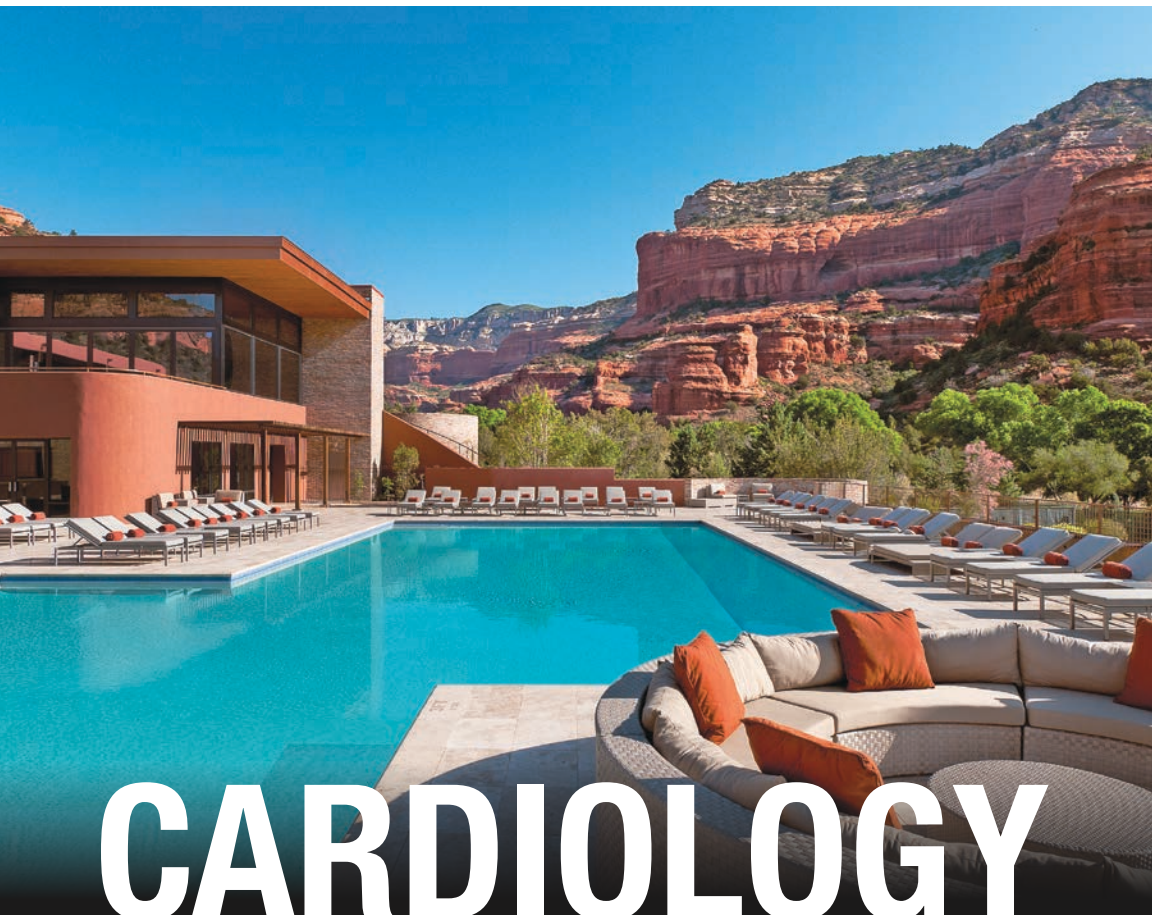




Mayo Clinic School of Continuous Professional Development



CARDIOLOGY UPDATE

The Heart of the Matter 2019



In collaboration with



Arizona
CHAPTER

ENCHANTMENT RESORT
SEDONA, ARIZONA
AUGUST 1–4, 2019

[CE.MAYO.EDU/CARDIOLOGYUPDATE2019](https://ce.mayo.edu/CardiologyUpdate2019)

COURSE DESCRIPTION

This course features a wide spectrum of the latest updates in congestive heart failure (CHF), pulmonary hypertension, coronary artery disease, cardiac arrhythmias, congenital heart disease, anticoagulation, preventive cardiology, sports cardiology and valvular heart disease, among others. ABIM MOC and nursing credit will also be offered.

LEARNING OBJECTIVES

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

- Assess indications, use, and limitations of different types of anticoagulants in a diverse spectrum of cardiovascular diseases.
- Evaluate peri-procedure management of anticoagulation in patients with nonvalvular atrial fibrillation.
- Recite the current indications and contra-indications for TAVR, mitral valve clip and potential new indications for percutaneous valve replacement therapy.
- Apply the latest hypertension and cardiovascular (CV) guidelines to improve overall morbidity/mortality rates.
- Describe practice changes to improve care for patients with congenital heart disease.
- Summarize guidelines to increase preventive care for patients with CV diseases.
- Apply current guidelines for the treatment of congestive heart failure (CHF)
- Describe clinical features of primary pulmonary arterial hypertension.
- Describe cardiovascular adaptation to exercise and review risks and benefits of exercise in patients with cardiovascular diseases.

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.

INTENDED AUDIENCE

This course is designed for practicing cardiologists, cardiovascular surgeons, specialists and trainees in internal medicine, emergency medicine and family medicine, physician assistants, nurse practitioners, nurses, and staff with a cardiovascular interest.

REGISTRATION

Register online at:

CE.MAYO.EDU/CARDIOLOGYUPDATE2019

Registration Fee	On or Before July 5	After July 5	Sunday Workshop
MD, PhD, DO	\$700	\$775	\$125 (Sunday, Aug 4)
RN, PA, NP, Other	\$425	\$500	\$25 (Sunday, Aug 4)

Visit the course website for more information on registering and our cancellation policy.

WELCOME RECEPTION Thursday, August 1, 2019, 6:30 – 7:30 p.m.

Course registrants and a guest (included in the registration fee) are invited to a casual welcome reception on Thursday evening immediately following the course.

The reception offers you the perfect opportunity to meet existing and new colleagues. Pre-registration is required.

Each additional guest – Adult: \$65; Children 5–12: \$45; Children 1–4: No charge

LOCATION AND ACCOMMODATIONS

Enchantment Resort

525 Boynton Canyon Road • Sedona, AZ 86336 • Phone Reservations: 1-800-826-4180

A special room block rate of \$300 (USD), plus applicable city/state taxes, and a \$25 resort fee per room, per night, is available for course participants and guests. Mayo Clinic group rates apply three days prior to and three days post-course dates, based on availability. To ensure accommodations, please make your reservation before the room block quickly fills, or by July 10, 2019. To make your reservation, call 1-800-826-4180. For more information or to make your reservation visit the course website.

Sedona Rouge Hotel & Spa

2250 West State Route 89A • Sedona, AZ 86336 • Phone: (866) 312-4111

PLEASE NOTE: The Enchantment Resort group room block fills quickly. A limited block of guest rooms has also been reserved at the **Sedona Rouge** as an overflow option for attendees, with a special rate of \$168 (plus tax) for single or double occupancy per night.

TRAVEL

Phoenix Sky Harbor International Airport (PHX) is located 125.8 mi (approximately two hours) from the Enchantment Resort in Sedona, AZ.

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.

PROGRAM

Comprehensive program schedule at:

[CE.MAYO.EDU/CARDIOLOGYUPDATE2019](https://ce.mayo.edu/cardiologyupdate2019)

THURSDAY, AUGUST 1, 2019

12:50 p.m. Registration, Continental Breakfast and Exhibits
1:50 Welcome Announcements

SESSION 1

2:00 Conduction System Abnormalities and Exercise: What are the Recommendations?
2:25 WPW Syndrome – Clinical Presentations and Management: Interesting Illustrative Cases
2:50 PVCs and NSVT
3:15 Updated Guidelines in Atrial Fibrillation Management 2019
3:40 Panel Discussion and Q&A
4:05 Refreshment Break

SESSION 2

4:20 Update on Work Up of Ischemic Stroke: Does Cryptogenic Stroke Really Exist?
4:45 Syncope Guideline Update
5:10 Right Ventricular Pacing Cardiomyopathy
5:35 Diastolic Dysfunction Cases: How Do I Manage this Patient?
6:00 Panel Discussion and Q&A
6:30 Attendee Welcome Reception

FRIDAY, AUGUST 2, 2019

6:10 a.m. Continental Breakfast and Exhibits
6:55 Announcements

SESSION 3

7:00 Most Common Simple Congenital Heart Disease Problems: Diagnosis and Management
7:25 Complex Cyanotic Congenital Heart Disease: How to Manage the Most Important Medical Emergencies: To-Do's and Not-To-Do's
7:50 Hypertrophic Cardiomyopathy
8:15 Cardiomyopathy and VT: What Can We Offer When ICD Is Not Available
8:40 Panel Discussion and Q&A
9:05 Refreshment Break

SESSION 4

- 9:20 Aortic Stenosis – Clinical Presentation, Diagnosis / Evaluation, and Management
- 9:45 TAVR: Low Risk Update and Bicuspid Valve
- 10:10 Aortic Regurgitation
- 10:35 Mitral Regurgitation – Clinical Presentation, Diagnosis / Evaluation and Management
- 11:00 Mitral Valve Clip Update
- 11:25 Endocarditis and Device Infection Update
- 11:50 Panel Discussion and Q&A
- 12:15 p.m. Lunch (provided)

SESSION 5

- 1:00 Chronic Stable CAD Management and DAPT
- 1:25 Drug-Eluting Stent vs. Bare-Metal Stent
- 1:50 Spontaneous Coronary Artery Dissection
- 2:15 Management of Acute PE
- 2:40 Top 5 Evidence-Based Recommendations in Preventative Cardiology
- 3:05 Panel Discussion and Q&A
- 3:30 Adjourn

SATURDAY, AUGUST 3, 2019

- 6:10 a.m. Continental Breakfast and Exhibits
- 6:55 Announcements

SESSION 6

- 7:00 Cholesterol Guidelines Update
- 7:25 Hypertension Management in the Patient with CV Disease and in Primary Prevention: Is There a Difference?
- 7:50 Young Athlete Screening: Too Much or Too Little: What Should Be Done?
- 8:15 Sports Cardiology – Master Athletes CV Care
- 8:40 Sleep Apnea and CVD: A Risk Factor or Only an Aggravating Co-Morbidity?
- 9:05 Women's Heart Disease
- 9:30 Panel Discussion and Q&A
- 9:55 Refreshment Break
- 10:10 CCU Emergencies and the Role of Bedside Echo
- 10:35 Living with Chronic Systolic HF in 2019: 10 Evidence-Based Pharmacologic and Nonpharmacologic Therapies that will make a Difference
- 11:00 Cardio-Oncology
- 11:25 Panel Discussion and Q&A
- 11:50 Lunch (provided)

SESSION 7

- 12:35 p.m. Pulmonary Hypertension
- 1:00 New and Old Pacemaker and ICD Indications: What has Changed in 2019?
- 1:25 Amyloid Cardiomyopathy
- 1:50 Panel Discussion and Q&A
- 2:15 Adjourn

OPTIONAL EDUCATIONAL ACTIVITY

PORTABLE HANDHELD ECHOCARDIOGRAPHY FOR THE NON-ECHOCARDIOGRAPHY PRACTITIONER AND ECG WORKSHOP

Sunday, August 4, 2019 | 7:00 a.m. – 12:05 p.m.

Fee: \$125 (MD); \$25 (Non-MD) | Re-registration required

Credit: 4.75 AMA PRA Category 1 Credits™

SUNDAY, AUGUST 4, 2019

- 6:30 a.m. Registration, Continental Breakfast and Exhibits
- 7:00 Echocardiography for the Non-Echocardiography Practitioner: Practice Hand-Held Ultrasound for Daily Practice
- 9:30 Refreshment Break
- 9:45 ECG Challenge: Show Me the ECG and I Will Tell You What the Patient Has
- 11:45 Discussion and Q&A
- 12:05 p.m. Adjourn

FACULTY

Mayo Clinic Course Directors

Luis R. Scott, M.D. Carolyn M. Larsen, M.D. Eric H. Yang, M.D.

Guest Faculty

Aaron L. Baggish, M.D., F.A.C.C., F.A.C.S.M.
*Associate Professor of Medicine, Harvard Medical School
Director, Cardiovascular Performance Program
Massachusetts General Hospital
Boston, Massachusetts*

Jose Pardo, M.D.
*Unidad de Arritmias y Laboratorio de Electrofisiología Cardíaca
Hospital Militar de Santiago*

Mayo Clinic Faculty

Pradyumna Agasthi, M.D.	Steve R. Ommen, M.D.
Christopher P. Appleton, M.D.	Sabrina D. Phillips, M.D.
Danish Atwal, M.D.	Amy W. Pollak, M.D.
Michael J. Bryan, M.D.	Peter M. Pollak, M.D.
Hari P. Chaliki, M.D.	Guy S. Reeder, M.D.
Regis I. Fernandes, M.D.	Julie L. Rosenthal, M.D.
Rajiv Gulati, M.D., Ph.D.	Kara A. Sands, M.D.
Vatsal M. Ladia, M.D.	Maurice E. Sarano, M.D.
Rekha Mankad, M.D.	Robert L. Scott, M.D., Ph.D.
Sunil V. Mankad, M.D.	Fadi E. Shamoun, M.D.
Francois Marcotte, M.D.	Win-Kuang Shen, M.D.
Katie Murphy, M.D.	Dan Sorajja, M.D.
Barbara S. Novais, APRN, ANP-BC, M.S.N.	Komandoor Srivathsan, M.D.
Tasneem Z. Naqvi, M.D., M.M.M., F.R.C.P.	D. Eric Steidley, M.D.
Hemalatha Narayanasamy, M.D., M.B.B.S.	John P. Sweeney, M.D.
Vuyisile T. Nkomo, M.D., M.P.H.	Holenarasipur R. Vikram, M.D.

CREDIT



In support of improving patient care, Mayo Clinic College of Medicine and Science is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

AMA: Mayo Clinic College of Medicine and Sciences designates this live activity for a maximum of 22.5 AMA PRA Category 1 Credits™ (17.75 general course; 4.75 optional Sunday morning session.) Physicians should claim only the credit commensurate with the extent of their participation in the activity.

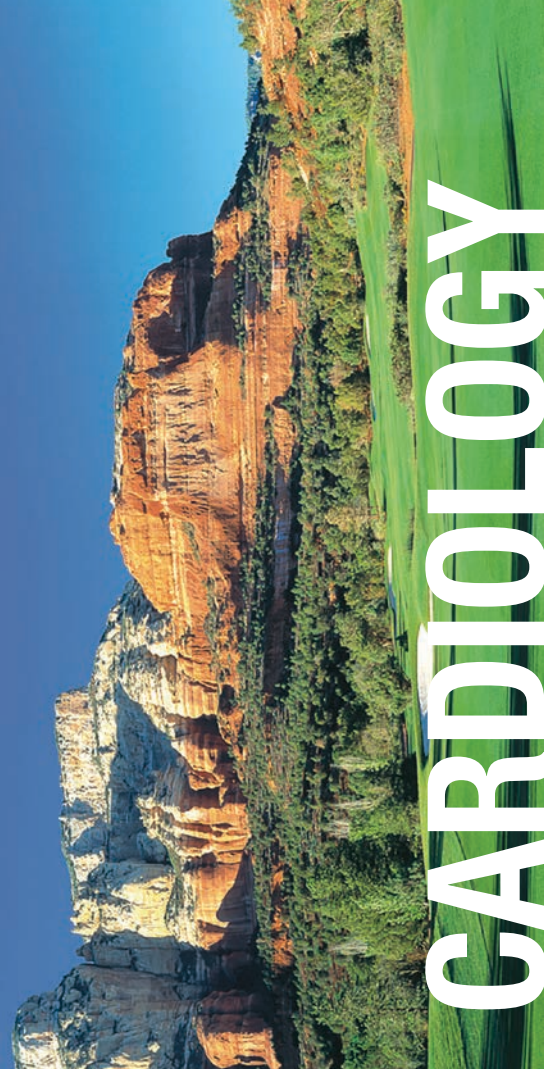
AAFP: This live activity, Mayo Clinic Cardiology Update: The Heart of the Matter 2019, with a beginning date of 08/01/2019, has been reviewed and is acceptable for up to 22.5 Prescribed credit(s) by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABIM MOC: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 22.5 Medical Knowledge MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit. Participation information will be shared with ABIM through PARS.

ANCC: Participants can earn up to 22.5 ANCC nursing contact hours commensurate with the extent of their participation in the activity.

AOA: The American Osteopathic Association designates this program for a maximum of 22.5 Category 2-A credits.

Nurses and Other Healthcare Professionals: A certificate of attendance will be provided to other healthcare professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.



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