ECHOCARDIOGRAPHIC WORKSHOP on 2-D and Doppler Echocardiography at Vail

In Collaboration With: The Ohio State University

VAIL, COLORADO
VAIL MARRIOTT MOUNTAIN RESORT & SPA
MARCH 4-8, 2018

17 AMA PRA CATEGORY 1 CREDITS™
17 MOC POINTS
**COURSE DESCRIPTION**

This program will provide a comprehensive review of state-of-the-art 2-D, Doppler and transesophageal echocardiography with a strong emphasis on newer and more rapidly changing areas. The topics to be covered include diastology, ischemic heart disease, valvular heart disease, application of TEE in clinical practice, and cardiomyopathy. The role of echo relative to the newer imaging modalities will be discussed. There are also afternoon workshops on heart failure, hemodynamics, congenital heart disease, and stress echo.

**LEARNING OBJECTIVES**

- Use echocardiographic and Doppler methods to assess hemodynamics and cardiac function
- Demonstrate the application of Doppler principles to assessing hemodynamics including valvular heart disease
- Apply stress testing combined with the use of cardiac ultrasound
- Utilize echocardiography to determine which patients should be referred for surgery versus medical therapy for the treatment of cardiovascular disease
- Identify the critical role that echo plays in structural heart disease and interventional procedures

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>Sunday, March 4, 2018</td>
<td>5:00-6:00 p.m.</td>
<td>Test Your Knowledge Question/Answer Session</td>
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<tr>
<td>Monday, March 5, 2018</td>
<td>7:30-9:30 a.m.</td>
<td>Valvular Heart Disease</td>
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<td>4:00-6:00 p.m.</td>
<td>Workshop-Quantification of Regurgitation: AR and MR</td>
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<td>Tuesday, March 6, 2018</td>
<td>7:30-9:30 a.m.</td>
<td>Echo Versatility in Usual and Unusual Situations</td>
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<td>4:00-6:00 p.m.</td>
<td>Workshop-Hemodynamics</td>
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<tr>
<td>Wednesday, March 7, 2018</td>
<td>7:30-10:00 a.m.</td>
<td>Sports and Exercise</td>
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<td>4:00-6:00 p.m.</td>
<td>Live Scanning – 3-D and Strain</td>
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<td>Thursday, March 8, 2018</td>
<td>7:30-9:30 a.m.</td>
<td>CHD, HCM, The Pregnant Patient, Systemic Diseases</td>
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<td>4:00-5:00 p.m.</td>
<td>Concurrent Workshops</td>
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<td>• Intraoperative Echo</td>
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<td>• Imaging Tips and Tricks</td>
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<tr>
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<td>5:00-6:00 p.m.</td>
<td>Test Your Knowledge</td>
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<td></td>
<td>6:00 p.m.</td>
<td>Adjourn</td>
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For a full program, visit: https://cveducation.mayo.edu
LODGING ACCOMMODATIONS

To secure your room at the Vail Marriott Mountain Resort & Spa, please call 877-622-3140 or 970-476-4444 and state that you are attending the ECHO WINTER program.

A limited number of guestrooms are available at the **Standard Room rate of $330** single/double a night. Once that block is full, the rate will be **$395 in the Lodge** category until they are gone. When you make your reservation, please be sure to ask about any additional resort fees, early departure fees, or cancellation penalties. The resort room blocks are scheduled to be held until **Friday, February 2, 2018** but have been sold out before this date in the past.

To book on-line:  [https://aws.passkey.com/g/58785740](https://aws.passkey.com/g/58785740)

*Lodging arrangements are the sole responsibility of the individual registrant.*

INTENDED AUDIENCE

Clinical cardiologists and cardiac sonographers with interest in echocardiography, cardiology trainees, application specialists, surgeons, anesthesiologists, and physician echocardiographers.

REGISTRATION FEES

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<thead>
<tr>
<th>Prior to Monday, February 5:</th>
<th>After Monday, February 5:</th>
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<tbody>
<tr>
<td>MD, PhD, DO</td>
<td>MD, PhD, DO</td>
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<tr>
<td>$775</td>
<td>$875</td>
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<tr>
<td>Fellow, Sonographer, RN</td>
<td>Fellowship, Sonographer, RN</td>
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<td>$575</td>
<td>$675</td>
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FACULTY

- William F. Armstrong, M.D.
- Merri L. Bremer, EdD, RN, ACS, RDCS
- Jerry H. Greenberg, M.D.
- Martha Grogan, M.D.
- Rekha Mankad, M.D.
- Sunil V. Mankad, M.D.
- Sally J. Miller, RT(R), RDCS
- Rick A. Nishimura, M.D.
- Michael H. Picard, M.D.
- James D. Thomas, M.D.
- Carole A. Warnes, M.D.
- Walter R. Wilson, M.D.

COURSE DIRECTORS

- Kyle W. Klarich, M.D.
- Thomas Ryan, MD

ACCREDITATION

Mayo Clinic College of Medicine and Science is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Mayo Clinic College of Medicine and Science designates this live activity for a maximum of 17 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 17 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.
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ONLINE REGISTRATION AVAILABLE AT
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