BASIC TO ADVANCED ECHOCARDIOGRAPHY
Island Ultrasound

HILTON HEAD ISLAND, SOUTH CAROLINA
HILTON HEAD MARRIOTT
SEPTEMBER 27–30, 2018

REGISTER TODAY!
CVEDUCATION.MAYO.EDU
COURSE DESCRIPTION

The course will begin with a discussion of echocardiographic assessment of left and right ventricular function, including presentations on diastolic function and strain imaging for assessing myocardial function. We will then discuss a broad range of disease states for which echocardiography is useful, including ischemic heart disease, valvular heart disease, pericardial disease, and cardiomyopathies. The presentations will include basic concepts as well as advanced techniques including 3-D imaging and strain imaging. Throughout the course many cases will be presented.

Unique Features:
- Faculty members are clinical sonographers and echocardiologists
- Easy access to faculty members during the entire conference
- Afternoon on pediatric/adult congenital echocardiography
- Lab accreditation (IAC Echocardiography)
- Live scanning hands-on
- Presentations involving multimodality imaging

COURSE LEARNING OBJECTIVES

Upon conclusion of this program, participants should be able to:

- Apply Doppler principles and hemodynamics to the assessment of valvular heart disease, including systematic assessment of prosthetic valves
- Use 2-D, Doppler and strain methods to assess myocardial function
- Illustrate the appropriate use of echo Doppler in myocardial and pericardial disease
- Recognize the utility of echocardiography, including 3-D transesophageal echocardiography, for the interventional practice
- Integrate echocardiography into the diagnosis and management of heart failure
- Recognize clinical applications of stress echocardiography

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.

INTENDED AUDIENCE

This course is intended for adult cardiologists, cardiac sonographers, cardiology fellows, surgeons, anesthesiologists, and those who have basic experience and knowledge of echocardiography. This course is designed to further advance their experience in clinical application of echocardiography.

ACCREDITATION STATEMENT

In support of improving patient care, Mayo Clinic School of Continuous Professional Development 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

Mayo Clinic College of Medicine and Science designates this live activity for a maximum of 24.25 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 24.25 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.

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

Attendees should ensure in advance that their credentialing or licensing organization accepts *AMA PRA Category 1 Credits™* from the sponsor of this activity.

**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 breakfast and breaks.

**DATE AND LOCATION**

The Basic to Advanced Echocardiography course will be held September 27-30, 2018. Course headquarters will be located at the Hilton Head Marriott, 1 Hotel Circle, Hilton Head Island, SC 29928. Phone: 843-686-8400.

*All indoor sessions will be held on the main level of the hotel.*

**General Session:** GHIJ West Ballroom, Main Level  
**Exhibits/Breaks/Breakfast:** West Foyer, Main Level  
**Reception:** Exhibit Hall

**REGISTRATION**

Registration is available online. The registration fee includes tuition, comprehensive course syllabus, continental breakfasts, break refreshments, lunch, and welcome reception. Although it is not Department of Cardiovascular Medicine (CV CME) policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A letter of confirmation will be sent upon receipt of payment and completed registration form on-line. Please present the confirmation letter when checking in at the meeting registration desk.

**For additional information, contact:**  
Cardiovascular Continuing Education  
200 First Street SW – Gonda 6-138  
Rochester, MN 55905  
**E-mail:** cvcme@mayo.edu  
**Phone:** 800-283-6296 or 507-266-6703  
**Website:** cveducation.mayo.edu
TRAVEL/AIRPORT

Savannah/Hilton Head International Airport (SAV) is the recommended airport for arrival. KShuttle or rental car is recommended mode of transportation from the airport. The hotel is located approximately 45 minutes from the airport.

Driving directions from the airport:
- Turn onto Interstate 95 N
- Take Exit 8 in SC to Hwy 278 East
- Follow 278E (approximately 18 miles to the bridge) to Hilton Head
- Stay right on 278 Business for another 8 miles to Palmetto Dunes
- Turn left at Queens Folly Rd. (the Palmetto Dunes traffic light)
- The Hilton Head Marriott hotel is one mile into Palmetto Dunes – turn left before the guard gate

Travel arrangements are the sole responsibility of the individual registrant.

LODGING ACCOMMODATIONS

To secure your room at the Hilton Head Marriott, call 888-511-5086 and state that you will be attending the ECHO program. The room rate is $179 single/double. Note, the resort fee has been waived for this group event, however, all guests in our block will receive the resort fee amenities listed. The resort fee includes: self-parking; spa access with use of Sauna, Steam room, and Spa pool; board games in lobby; local calls and fax eservice; select recreational activities including boogie board rentals; wireless high speed internet throughout resort and guest rooms; shuttle service to golf and local shopping; use of basketball court; turndown service upon request; and complimentary day use of game room with X-box, PlayStation, Wii, Ping Pong, and Foosball.

On-line Reservations: http://cwp.marriott.com/hhhgr/echo

The room block is scheduled to be held until Wednesday, September 5, 2018 but has been sold out before this date in the past. Therefore, we advise you to register for the program and reserve your lodging as soon as possible.

Check-in: 4:00 p.m.
Check-out: 11:00 a.m.

We encourage participation by all individuals. If you have a disability, advance notification of any special needs will help us better serve you.

Lodging arrangements are the sole responsibility of the individual registrant.

Department of Cardiovascular Medicine 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.

PARKING

Self-Parking – Complimentary (if you book in our room block otherwise it is $14/day)
Valet Parking - $18/day

SOCIAL PROGRAMS

Welcome Reception – Thursday, September 27, 2018 – 5:30-6:30 p.m.
Attendees and their guest(s) are cordially invited to join the course faculty for the Welcome Reception on Thursday, September 27. This casual reception welcomes you to Hilton Head, officially opens the course, and offers you the perfect opportunity to make connections with existing and new colleagues.
RECREATION/LEISURE ACTIVITIES

Check with the hotel concierge for bookings in the area.

NEXT YEAR’S DATES

Next year’s course will be held in Hilton Head Island, SC at the Marriott. Conference dates are May 15-18, 2019.
FACULTY

Fletcher A. Miller, Jr., M.D., FACC, FAHA, FASE
Professor of Medicine, Mayo Clinic; Consultant, Department of Cardiovascular Medicine; Past Director, Cardiovascular Ultrasound Imaging and Hemodynamic Laboratory, Mayo Clinic, Rochester, MN

Roger L. Click, M.D., Ph.D., FACC
Associate Professor of Medicine, Mayo Clinic; Consultant, Department of Cardiovascular Medicine, Mayo Clinic, Rochester, MN

Naser M. Ammash, M.D., FACC, FASE
Professor of Medicine, Mayo Clinic; Consultant, Department of Cardiovascular Medicine; Vice-Chair for Clinical Practice, Department of Cardiovascular Medicine, Mayo Clinic, Rochester, MN and Jacksonville, FL

Pamela R. Burgess, RDCS, RDMS, RVT, FASE
Clinical Manager, Cardiac Ultrasound and Stress Testing Lab, Wake Forest Baptist Health, Winston-Salem, NC

Mayo Faculty

Lori A. Blauwet, M.D., M.A., FACC, FAHA, FASE
Associate Professor of Medicine, Mayo Clinic; Consultant, Department of Cardiovascular Medicine, Mayo Clinic, Rochester, MN

Crystal R. Bonnichsen, M.D.
Assistant Professor of Medicine, Mayo Clinic; Consultant, Department of Cardiovascular Medicine and Internal Medicine, Mayo Clinic, Rochester, MN

Bradley (Brad) E. Dallavalle, RDCS
Clinical Sonographer, Cardiovascular Ultrasound Imaging and Hemodynamic Laboratory, Mayo Clinic, Rochester, MN

Benjamin W. Eidem, M.D., FACC, FASE
Professor of Pediatrics and Medicine, Mayo Clinic; Consultant, Department of Cardiovascular Medicine and Pediatric Cardiology; Director, Pediatric & Fetal Echocardiography Laboratory; Co-Director, Cardiovascular Ultrasound Imaging and Hemodynamic Laboratory, Mayo Clinic, Rochester, MN

Garvan C. Kane, M.D., Ph.D., FASE, FCCP
Associate Professor of Medicine, Mayo Clinic; Co-Director, Cardiovascular Ultrasound Imaging and Hemodynamic Laboratory; Director of Structural Heart Disease Research; Consultant, Department of Cardiovascular Medicine, Mayo Clinic, Rochester, MN

Barry L. Karon, M.D., FACC, FASE
Assistant Professor of Medicine, Mayo Clinic; Consultant, Department of Cardiovascular Medicine, Mayo Clinic, Rochester, MN

S. Allen Luis, MBBS
Assistant Professor of Medicine, Mayo Clinic; Consultant, Department of Cardiovascular Medicine, Mayo Clinic, Rochester, MN

Simon Maltais, M.D., Ph.D.
Associate Professor of Surgery, Mayo Clinic; Consultant, Department of Cardiovascular Surgery, Mayo Clinic, Rochester, MN

Sunil V. Mankad, M.D., FACC, FCCP, FASE
Associate Professor of Medicine, Mayo Clinic; Consultant, Department of Cardiovascular Medicine; Associate Director, Cardiology Fellowship; Director, Transesophageal Laboratory, Mayo Clinic, Rochester, MN

Robert B. McCully, M.D., FACC, FACP
Professor of Medicine, Mayo Clinic, Mayo Clinic; Consultant, Department of Cardiovascular Medicine, Mayo Clinic, Rochester, MN

Jeremy J. Thaden, M.D.
Assistant Professor of Medicine, Mayo Clinic; Consultant, Department of Cardiovascular Medicine, Mayo Clinic, Rochester, MN

Carrie L. Vanden Bussche, RDCS, FASE
Instructor in Medical Education, College of Medicine; Clinical Sonographer, Cardiovascular Ultrasound Imaging and Hemodynamic Laboratory, Mayo Clinic, Rochester, MN

Phillip M. Young, M.D.
Associate Professor of Radiology, Chair, Division of Body MRI, Mayo Clinic; Consultant, Department of Radiology, Mayo Clinic, Rochester, MN

Guest Faculty
Juan Carlos Plana, M.D., FACC, FASE
Professor of Medicine, Baylor College of Medicine; Chief, Cardiovascular Service Line; Director, Cardio-Oncology Center; Co-Director, Center for Advance Cardiac Imaging, Houston, TX

Beverly Gorman, RDCS
Director of Accreditation – IAC Echocardiography, Ellicott City, MD

Thomas Ryan, M.D., FACC, FASE
Professor of Medicine; Director, The Ohio State University Heart Center; John G. and Jeanne Bonnet McCoy Chair in Cardiovascular Medicine, Davis Heart & Lung Research Institute, Columbus, OH

FACULTY DISCLOSURE

As a provider accredited by ACCME, Mayo Clinic College of Medicine (Mayo 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 course materials so those participants in the activity may formulate their own judgments regarding the presentation.
**WEDNESDAY, SEPTEMBER 26, 2018**

6:00-7:00 p.m. Pre-Registration – West Ballroom Foyer

**THURSDAY, SEPTEMBER 27, 2018**

7:00 a.m. Registration and Continental Breakfast – West Foyer

7:30 a.m. Welcome – Get to Know the Audience  
*Drs. Miller and Click*

**FUNDAMENTALS**  
*Dr. Fletcher A. Miller, Jr., presiding*

7:40 a.m. Cases – Teasers (1 case each)  
*Drs. Miller, Ryan, and Ammash*

8:00 a.m. Strain Imaging as an Adjunct for Assessing LV Systolic Function  
*Barry L. Karon, M.D.*

8:30 a.m. Echocardiography for Diastolic Function  
*Fletcher A. Miller, Jr., M.D.*

9:00 a.m. Echocardiography for RV Function  
*Garvan C. Kane, M.D., Ph.D.*

9:30 a.m. Real or Echo Artifact?  
*Sunil V. Mankad, M.D.*

10:00 a.m. Panel Discussion  
*Drs. Ryan, Ammash, Karon, Kane, and Mankad; Dr. Miller, moderator*

10:15 a.m. Refreshment Break

10:45 a.m. Echo in Congestive Heart Failure: When and Why  
*Barry L. Karon, M.D.*

11:00 a.m. Echo in Restrictive Cardiomyopathies With Thick Walls  
*Naser M. Ammash, M.D.*

11:30 a.m. Imaging for Patients With Myocarditis and Postpartum Cardiomyopathy  
*Lori A. Blauwet, M.D.*

12:00 p.m. Echo in Cardio-Oncology  
*Juan Carlos Plana, M.D.*

12:15 p.m. Panel Discussion  
*Drs. Karon, Ammash, Blauwet, and Plana; Dr. Miller, moderator*

12:30 p.m. Lunch – Basshead Deck Outdoors

**12:30 p.m. Special Feature for Sonographers - Lunch With Mayo Clinic Sonographers – Ask Your Questions (Pre-Assigned Tables – Register On-Site)**
ECHO FOR MYOCARDIAL AND PERICARDIAL DISEASE
Dr. Naser M. Ammash, presiding

1:30 p.m. Echo Assessment of HCM
Fletcher A. Miller, Jr., M.D.

2:00 p.m. Cardiac Constriction
Barry L. Karon, M.D.

2:30 p.m. Added Value of CT/CMR in Myocardial and Pericardial Diseases
Phillip M. Young, M.D.

3:00 p.m. Panel Discussion
Drs. Miller, Karon and Young; Dr. Ammash, moderator

3:15 p.m. Refreshment Break

PARALLEL SESSIONS

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<th>Time</th>
<th>SONOGRAPHERS (Ballroom DE)</th>
<th>TEE (Main Ballroom)</th>
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<tbody>
<tr>
<td>3:45-4:15 p.m.</td>
<td>Live Scanning - Sonographer Hands-on Including Strain Imaging -</td>
<td>Cases: I-O TEE</td>
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<tr>
<td></td>
<td>Ms. Burgess, Ms. Vanden Bussche, and Mr. Dallavalle with Dr. Miller</td>
<td>Drs. Click, Mankad, and Maltais</td>
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<tr>
<td>4:15-4:45 p.m.</td>
<td>Tips and Tricks</td>
<td>Cases: Echo for Interventional Cardiology</td>
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<td>Ms. Burgess, Ms. Vanden Bussche, and Mr. Dallavalle with Dr. Miller</td>
<td>Drs. Thaden and Luis</td>
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<tr>
<td>4:45-5:00 p.m.</td>
<td>Adjourn</td>
<td>Questions and Answers</td>
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5:30-6:30 p.m. Welcome Reception – Exhibit Hall
(Attendees, guests, and faculty invited.)

FRIDAY, SEPTEMBER 28, 2018

7:00 a.m. Continental Breakfast – West Foyer

ISCHEMIC HEART DISEASE/AORTIC DISEASE
Dr. Sunil V. Mankad, presiding

7:30 a.m. Stress Cases from The Ohio State University
Thomas Ryan, M.D.

8:00 a.m. Stress Cases from Mayo Clinic
Robert B. McCully, M.D.

8:30 a.m. Echo for Acute Coronary Syndromes and Cases
Roger L. Click, M.D., Ph.D.

9:30 a.m. Triple Rule Out CT Scanning in the ER
Phillip M. Young, M.D.

10:00 a.m. Panel Discussion
Drs. Ryan, McCully, Click, Young, and Maltais; Dr. Mankad, moderator
10:15 a.m. Refreshment Break

10:45 a.m. Multimodality Imaging for Acute Aortic Syndromes
Crystal R. Bonnichsen, M.D.

11:15 a.m. Value of Echo vs CT in Diagnosis of Coronary Artery Disease
Juan Carlos Plana, M.D.

11:45 p.m. Panel Discussion
Dr. Bonnichsen, Plana, and Maltais; Dr. Mankad, moderator

12:30 p.m. Adjourn for the Afternoon

IAC Echocardiography Boot Camp – Bring your laptop to work on your application. This workshop will be interactive and questions will be answered anytime. Attendees are encouraged to bring protocol, policies, etc.
Ms. Beverly Gorman (Sr. Director IAC) and Ms. Pamela R. Burgess

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<tr>
<th>Time</th>
<th>Agenda Item</th>
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<tbody>
<tr>
<td>2:00-2:05 p.m.</td>
<td>Welcome – Ms. Gorman and Ms. Burgess</td>
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<tr>
<td>2:05-2:15 p.m.</td>
<td>What the Accreditation Process Is and What It Isn’t</td>
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<tr>
<td>2:15-2:25 p.m.</td>
<td>Review the Most Recent Standard Revisions</td>
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<tr>
<td>2:25-2:45 p.m.</td>
<td>Discuss the Steps to Earn Accreditation</td>
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<td>2:45-2:55 p.m.</td>
<td>Share the Resources Available</td>
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<td>2:55-3:10 p.m.</td>
<td>Refreshment Break</td>
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<tr>
<td>3:10-3:40 p.m.</td>
<td>In-depth Review of Case and Report Requirements</td>
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<tr>
<td>3:40-3:50 p.m.</td>
<td>Most Common Reason for Delay and How to Avoid them</td>
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<tr>
<td>3:50-4:00 p.m.</td>
<td>Closing Q&amp;A</td>
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SATURDAY, SEPTEMBER 29, 2018

7:00 a.m.    Continental Breakfast – West Foyer

ECHO FOR VALVE DISEASE
Dr. Thomas Ryan, presiding

7:30 a.m.    Challenging Cases in Aortic Stenosis
Jeremy J. Thaden, M.D.

8:00 a.m.    Echo in TAVR Before, During, and After
Garvan C. Kane, M.D., Ph.D.

8:30 a.m.    Echo for Aortic Regurgitation: Illustrative Cases
Fletcher A. Miller, Jr., M.D.

9:00 a.m.    Echo for Right-Sided Valves
Crystal R. Bonnichsen, M.D.

9:30 a.m.    Panel Discussion
Drs. Thaden, Kane, Miller, Bonnichsen, and Maltais; Dr. Ryan, moderator

10:00 a.m.  Refreshment Break

10:30 a.m.  Echo for Mitral Regurgitation: Illustrative Cases
S. Allen Luis, MBBS

11:00 a.m.  3D/TEE 2018: Tips and Tricks
Jeremy J. Thaden, M.D.

11:30 a.m.  Cases in Stress Echo for Hemodynamic Assessment
Robert B. McCully, M.D.

12:00 p.m.  Panel Discussion
Drs. Luis, Thaden, McCully, and Maltais; Dr. Ryan, moderator

12:30 p.m.  Lunch – Heritage C – Basshead Deck

12:30 p.m.  Special Feature for Sonographers - Lunch With Mayo Clinic Sonographers – Ask Your
Questions (Pre-Assigned Tables – Register On-Site)

Link will be sent out approximately one month prior to the course. No CME Credit offered for this.

Pre-recorded Lecture: TEE Simulator
Dr. Fletcher A. Miller, Jr.
### PARELLEL SESSIONS

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>1:30-2:00 p.m.</td>
<td>Echocardiography in the Evaluation of RV Enlargement. Where Is That Shunt?</td>
<td>Naser M. Ammash, M.D.</td>
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<tr>
<td>2:00-2:30 p.m.</td>
<td>VSD in Adults</td>
<td>Crystal R. Bonnichsen, M.D.</td>
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<tr>
<td>2:30-3:00 p.m.</td>
<td>Common Postop Congenital Cases</td>
<td>Benjamin W. Eidem, M.D.</td>
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<td>3:00-3:30 p.m.</td>
<td>Panel Discussion</td>
<td>Drs. Bonnichsen, Eidem, and Maltais; Dr. Ammash, moderator</td>
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<tr>
<td>3:30 p.m.</td>
<td>Adjourn</td>
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### SUNDAY, SEPTEMBER 30, 2018

#### MORR VALVULAR AND SPECIAL TOPICS

*Dr. Roger L. Click, presiding*

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:00 a.m.</td>
<td>Continental Breakfast – Heritage Foyer</td>
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<tr>
<td>7:30 a.m.</td>
<td>Interesting Cases</td>
<td>Drs. Ryan and Maltais, moderators</td>
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<td></td>
<td>Drs. Bonnichsen, Luis, Plana, McCully, and Karon</td>
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<tr>
<td>8:40 a.m.</td>
<td>Cases for Aortic Prostheses: Mismatch vs Pathological</td>
<td>Jeremy J. Thaden, M.D.</td>
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<td>9:20 a.m.</td>
<td>More Common Congenital Cases</td>
<td>Benjamin W. Eidem, M.D.</td>
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<tr>
<td>9:50 a.m.</td>
<td>Refreshment Break</td>
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<tr>
<td>10:05 a.m.</td>
<td>Cases for Mitral Prostheses</td>
<td>Lori A. Blauwet, M.D.</td>
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<tr>
<td>10:45 a.m.</td>
<td>Cardiac Masses</td>
<td>Roger L. Click, M.D., Ph.D.</td>
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<tr>
<td>11:15 a.m.</td>
<td>Panel Discussion</td>
<td>Drs. Thaden, Eidem, Blauwet, and Maltais; Dr. Click, moderator</td>
</tr>
<tr>
<td>11:45 a.m.</td>
<td>Adjourn</td>
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Registration Online

Registration is only available online at: cveducation.mayo.edu

Registration Fee:
Course Registration (MD, PhD, DO, PharmD) $755.00
Course Registration (Fellows in Training, Sono, RN) $575.00

After Monday, August 27:
Course Registration (MD, PhD, DO, PharmD) $855.00
Course Registration (Fellows in Training, Sono, RN) $675.00

Mayo Clinic Department of Cardiovascular Medicine implemented an online conference registration system in January 2012. If this is your first time using the online system, you will need to create a profile. The attendee’s email address is required upon registration. A letter of confirmation and receipt will be forwarded to this email address upon receipt of submitted registration and payment. Present this letter when checking in at the meeting registration desk.

The registration fee includes tuition, electronic course syllabus, continental breakfasts, break refreshments, lunch, and reception.

Although it is not Department of Cardiovascular Medicine policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. Enrollment for this program is limited.

For additional information, contact:
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200 First Street SW – Gonda 6-138
Rochester, MN 55905
E-mail: cvcme@mayo.edu
Phone: 800-283-6296 or 507-266-6703
Website: cveducation.mayo.edu

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 Department of Cardiovascular Medicine (CV CME) before Thursday, September 13, 2018 (cvcme@mayo.edu or fax#: 507-266-7403). No refunds will be made on or after Thursday, September 13, 2018. Canceled registrations are non-transferable.

CV CME reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event CV CME must cancel or postpone this course, CV CME will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.
Basic to Advanced Echocardiography: Island Ultrasound

Thursday – Sunday
September 27-30, 2018

Hilton Head Marriott
1 Hotel Circle
Hilton Head Island, SC 29928

Fletcher A. Miller, Jr., M.D., FACC, FAHA, FASE (Mayo Clinic, Rochester, MN)
Roger L. Click, M.D., Ph.D., FACC (Mayo Clinic, Rochester, MN)
Naser M. Ammash, M.D., FACC, FASE (Mayo Clinic, Rochester, MN & Jacksonville, FL)
Pamela R. Burgess, RDCS, RDMS, RVT, FASE (Wake Forest Baptist Health, Winston-Salem, NC)

REGISTER ONLINE NOW!
http://cveducation.mayo.edu/

If you already received a copy of this brochure, please give this brochure to an interested colleague.