10th Annual
Multimodality Cardiovascular Imaging for the Clinician
Case-Based Approach and Small Group Tutorials

The Westin Fort Lauderdale Beach Resort
MARCH 14-16, 2020

Course Director: William A. Zoghbi, MD
Course Co-Directors: Mouaz H. Al-Mallah, MD; Stephen H. Little, MD; John J. Mahmarian, MD; Miguel A. Quiñones, MD; and Dipan J. Shah, MD

events.houstonmethodist.org/cvimaging

In cosponsorship with
# AGENDA: SATURDAY, MARCH 14

### 7 a.m.
**REGISTRATION AND BREAKFAST**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:45</td>
<td>Welcome and Introductions</td>
</tr>
</tbody>
</table>

### 8 a.m.
**SESSION ONE • Advances in CV Imaging Technology: Echo, CT, Nuclear, and CMR**
*What is New? What Should I Incorporate in Practice?*

**Moderators:** William A. Zoghbi, MD; and Roberto M. Lang, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00</td>
<td>3D Echocardiography: Latest Advances and Applications</td>
</tr>
<tr>
<td>8:15</td>
<td>Contrast Echocardiography: Powerful Tool in Diagnosis and Management</td>
</tr>
<tr>
<td>8:30</td>
<td>Cardiac CT Angiography: The Latest Technological Advances</td>
</tr>
<tr>
<td>8:45</td>
<td>Cardiac MRI: Basic Concepts and New Developments</td>
</tr>
<tr>
<td>9:15</td>
<td>Artificial Intelligence and Virtual Reality in Cardiovascular Imaging: What Does the Future Hold?</td>
</tr>
<tr>
<td>9:30</td>
<td>Q&amp;A Session • Panel Discussion</td>
</tr>
</tbody>
</table>

**BREAK AND EXHIBITS**

### 10 a.m.
**SESSION TWO • Ischemic Heart Disease: Role of Noninvasive Imaging**

**Moderators:** Ricardo C. Cury, MD; and David G. Wolinsky, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30</td>
<td>Risk Stratification and CV Prevention: What Is the Value of Imaging? When Is CT Calcium Score Indicated?</td>
</tr>
<tr>
<td>10:45</td>
<td>DEBATE: CT Coronary Angiography Should Be the First Line Test for Evaluation of Chest Pain (10 minute presentation and 5 minute rebuttal)</td>
</tr>
<tr>
<td>11:00</td>
<td>DEBATE: Stress Imaging Should Be the First Line Test for Evaluation of Chest Pain (10 minute presentation and 5 minute rebuttal)</td>
</tr>
<tr>
<td>11:15</td>
<td>PET/CT in Coronary Artery Disease: Advantages and Limitations — Should It Replace SPECT?</td>
</tr>
<tr>
<td>11:30</td>
<td>Stress MRI in Coronary Artery Disease: The New Contender — When Should It Be First Choice?</td>
</tr>
<tr>
<td>11:45</td>
<td>Q&amp;A Session • Interesting Cases in Coronary Artery Disease with Audience Response and Panel Discussion</td>
</tr>
</tbody>
</table>

**LUNCH**

### 12:15 p.m.

### 1 p.m.
**SESSION THREE • Role of Imaging in Heart Failure**

**Moderators:** Victor A. Ferrari, MD; and Miguel A. Quiñones, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:15</td>
<td>Quantitating Ventricular Function with Echocardiography: When and How Do You Use Strain?</td>
</tr>
<tr>
<td>1:30</td>
<td>Doppler Echocardiography and Diastology: Navigating the New ASE Guidelines</td>
</tr>
<tr>
<td>1:45</td>
<td>Do Not Forget About the Right Heart: Importance of RV Function and Tricuspid Regurgitation in Heart Failure—What to Look For</td>
</tr>
<tr>
<td>2</td>
<td>Current Multimodality Approaches to Pericardial Diseases</td>
</tr>
<tr>
<td>2:15</td>
<td>CMR in Heart Failure: Impact on Etiologic Assessment and Prognosis</td>
</tr>
<tr>
<td>2:30</td>
<td>Amyloidosis and Sarcoidosis: Role of PYP and PET Imaging</td>
</tr>
<tr>
<td>2:45</td>
<td>Role of Multimodality Imaging in Ventricular Assist Devices</td>
</tr>
<tr>
<td>3</td>
<td>Q&amp;A Session</td>
</tr>
</tbody>
</table>

**BREAK AND EXHIBITS**

### 3:30 p.m.
**SESSION FOUR • Case Studies on Coronary Artery Disease, Heart Failure, Pericardial Disease, LVAD and Cardio-oncology**

**Moderators:** John J. Mahmarian, MD; and William A. Zoghbi, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Interesting Case Studies Using Echo, CT, Nuclear, PET and CMR, Singularly or in Combination. Audience Response and Panel Discussion.</td>
</tr>
</tbody>
</table>

**ADJOURNMENT | RECEPTION ON SKY TERRACE**
## AGENDA: SUNDAY–MONDAY, MARCH 15-16

### 7 a.m. SIGN-IN AND BREAKFAST

### SESSION FIVE  •  Valvular Heart Disease I: The Mitral Valve

**Moderators:** Rebecca T. Hahn, MD; and Gerald M. Lawrie, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Valvular and Cardiac Structure Anatomic Demonstration</td>
<td>William A. Zoghbi, MD; and</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Gerald M. Lawrie, MD</td>
</tr>
<tr>
<td>8:15</td>
<td>Mitral Regurgitation: The New ASE/SCMR Guidelines</td>
<td>William A. Zoghbi, MD</td>
</tr>
<tr>
<td>8:30</td>
<td>Role of CMR in Valvular Regurgitation: When Is It Indicated?</td>
<td>Dipan J. Shah, MD</td>
</tr>
<tr>
<td>8:45</td>
<td>The ACC/AHA and ESC Valve Guidelines: When to Intervene in Primary and Secondary MR. Implications of the COAPT Trial</td>
<td>Patrick T. O’Gara, MD</td>
</tr>
<tr>
<td>9</td>
<td>Repairing the Mitral Valve: Current Surgical Approach to Mitral Preservation</td>
<td>Gerald M. Lawrie, MD</td>
</tr>
<tr>
<td>9:15</td>
<td>Percutaneous Techniques for Mitral Valve Repair and Replacement: State of the Art</td>
<td>Sachin S. Goel, MD</td>
</tr>
<tr>
<td>9:30</td>
<td>Tricuspid Valve Regurgitation: The New Frontier</td>
<td>Rebecca T. Hahn, MD</td>
</tr>
<tr>
<td>9:45</td>
<td>Q&amp;A Session • Complex Cases in Mitral and Tricuspid Valve Disease Audience Response and Panel Discussion</td>
<td>Sachin S. Goel, MD; Rebecca T. Hahn, MD; Dipan J. Shah, MD</td>
</tr>
<tr>
<td>10:15</td>
<td>BREAK AND EXHIBITS</td>
<td></td>
</tr>
</tbody>
</table>

### SESSION SIX  •  Valvular Heart Disease II: The Aortic and Prosthetic Valves

**Moderators:** Patrick T. O’Gara, MD; and Michael J. Reardon, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45</td>
<td>TAVR: The Latest Frontiers, What Now After Approval for Low-Risk Patients; Optimizing the Choice of Prosthesis and Patient</td>
<td>Michael J. Reardon, MD</td>
</tr>
<tr>
<td>11</td>
<td>Modern Concepts in Aortic Stenosis: Paradoxical Low-Flow AS, Role of CT?</td>
<td>Robert J. Cubeddu, MD</td>
</tr>
<tr>
<td>11:30</td>
<td>How Do You Evaluate Valve Function After SAVR, TAVR? The New 2019 ASE Guidelines</td>
<td>William A Zoghbi, MD</td>
</tr>
<tr>
<td>11:45</td>
<td>The “Interventional Imager”: Training and Evolving Role in the Heart Team</td>
<td>Stephen H. Little, MD</td>
</tr>
<tr>
<td>Noon</td>
<td>Complex Cases in Aortic Valve Disease with Audience Response and Panel Discussion</td>
<td>Robert J. Cubeddu, MD; Stephen H. Little, MD; and Faculty</td>
</tr>
<tr>
<td>12:30</td>
<td>LUNCH</td>
<td></td>
</tr>
</tbody>
</table>

### SESSION SEVEN  •  Read With the Experts

1:15  | See Page 4 for further details.                                      |                                |

### MONDAY, MARCH 16, 2020

### 7 a.m. SIGN-IN AND BREAKFAST

### SESSION EIGHT  •  Adult Congenital Heart Disease, Diseases of the Aorta and Peripheral Vasculature

**Moderators:** Charudatta S. Bavare, MD, MPH; and C. Huie Lin, MD, PhD

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Unrepaired Congenital Heart Disease in the Adult: Critical Imaging Findings in Making the Right Diagnosis</td>
<td>Valeria E. Duarte, MD</td>
</tr>
<tr>
<td>8:20</td>
<td>Repaired Is Not Cured: Top 10 Imaging Findings that Change the Management in Repaired ACHD</td>
<td>C. Huie Lin, MD, PhD</td>
</tr>
<tr>
<td>8:40</td>
<td>Eyes and Ears: What the Surgeon and Interventionalist Need from the Imager Before Re-Intervening on Adults with Complex Congenital Heart Disease</td>
<td>Thomas E. MacGillivray, MD</td>
</tr>
<tr>
<td>9</td>
<td>What Are the Best Techniques to Evaluate the Aorta? Echo vs. CT vs. Dynamic MRI</td>
<td>Mohammed A. Chamsi-Pasha, MD</td>
</tr>
<tr>
<td>9:20</td>
<td>Aortic Root and Aortic Valve Repair: What Is the Current State? What Does the Surgeon Need to Know from the Imager?</td>
<td>Thomas E. MacGillivray, MD</td>
</tr>
<tr>
<td>9:40</td>
<td>Percutaneous Interventions for Aortic Aneurysm: What Does the Clinician Need to Know? What Does the Surgeon Want to Know from the Imager Prior to and After the Procedure?</td>
<td>Charudatta S. Bavare, MD, MPH</td>
</tr>
<tr>
<td>10</td>
<td>BREAK AND EXHIBITS</td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td>Peripheral Vascular Disease: Should It Be CT or MRI Imaging?</td>
<td>Faisal Nabi, MD</td>
</tr>
<tr>
<td>10:45</td>
<td>Carotid Disease: How to Use Imaging</td>
<td>Mohammed A. Chamsi-Pasha, MD</td>
</tr>
<tr>
<td>11</td>
<td>Interesting Cases with Audience Response and Panel Discussion</td>
<td>John J. Mahmarian, MD; Charudatta S. Bavare, MD, MPH</td>
</tr>
<tr>
<td>11:45</td>
<td>Program Evaluation and Conclusion</td>
<td>William A. Zoghbi, MD</td>
</tr>
<tr>
<td>Noon</td>
<td>ADJOURNEMENT AND BOX LUNCH</td>
<td></td>
</tr>
</tbody>
</table>
SESSION SEVEN: READ WITH THE EXPERTS
Hosted by DeBakey CV Education
Sunday, March 15  •  1:15-5 p.m.

1:30-3 p.m.  •  SMALL GROUP INTERACTIVE SESSIONS:
Basics of Image Manipulation and Quantitation; A Variety of Case Studies
Attendees can attend any of the five simultaneous small group sessions dedicated for each modality.

<table>
<thead>
<tr>
<th>3D Echocardiography and TEE</th>
<th>Transthoracic Echocardiography and Quantitation</th>
<th>CT Coronary Angiography and Aortography</th>
<th>Cardiac and Vascular MRI</th>
<th>PET/Nuclear Cardiology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case Studies</td>
<td>Case Studies</td>
<td>Case Studies</td>
<td>Case Studies</td>
<td>Case Studies</td>
</tr>
<tr>
<td>Stephen H. Little, MD</td>
<td>William A. Zoghbi, MD</td>
<td>John J. Mahmarian, MD</td>
<td>Victor A. Ferrari, MD</td>
<td>Mouaz H. Al-Mallah, MD</td>
</tr>
<tr>
<td>Roberto M. Lang, MD</td>
<td>Miguel A. Quiñones, MD</td>
<td>Ricardo C. Cury, MD</td>
<td>Dipan J. Shah, MD</td>
<td>David G. Wolinsky, MD</td>
</tr>
<tr>
<td>Rebecca T. Hahn, MD</td>
<td>Sherif F. Nagueh, MD</td>
<td>Faisal Nabi, MD</td>
<td>Milind Y. Desai, MD</td>
<td>Mohammed A. Chamsi-Pasha, MD</td>
</tr>
</tbody>
</table>

3-3:30 p.m.  •  Break

3:30-5 p.m.  •  All Attendees  •  Interesting and complex case studies using multimodality imaging with audience response and panel discussion: Valvular heart disease, prosthetic valves, structural heart disease and interventions, and cardiac masses.
Dipan J. Shah, MD; Stephen H. Little, MD; Milind Y. Desai, MD; Nadeen N. Faza, MD; Mohammed A. Chamsi-Pasha, MD; and Robert J. Cubeddu, MD
Moderators: John J. Mahmarian, MD, and Stephen H. Little, MD

5 p.m.  •  Adjourn (evening on your own)
COURSE DIRECTOR

William A. Zoghbi, MD
Elkins Family Distinguished Chair in Cardiac Health,
Chair, Department of Cardiology
Professor of Cardiology
Houston Methodist

COURSE CO-DIRECTORS

Mouaz H. Al-Mallah, MD
Director, Cardiovascular PET/CT Program
Professor of Cardiology
Houston Methodist

Stephen H. Little, MD, FRCPc
John S. Dunn Chair in Clinical Cardiovascular
Research and Education
Program Director, Cardiovascular Disease Fellowship
Associate Professor of Clinical Cardiology
Houston Methodist

John J. Mahmarian, MD
Director, Nuclear Cardiology and Cardiac CT
Professor of Cardiology
Houston Methodist

Miguel A. Quiñones, MD
Winters Family Distinguished Centennial Chair in
Cardiovascular Education
Professor of Cardiology
Editor, Houston Methodist DeBakey
Cardiovascular Journal
Houston Methodist

Dipan J. Shah, MD
Director, Cardiovascular Imaging Institute
Director, Cardiovascular Magnetic Resonance Imaging
Associate Professor of Clinical Cardiology
Houston Methodist

Rebecca T. Hahn, MD
Director, Interventional Echocardiography
Professor of Medicine
NewYork-Presbyterian/Columbia University Medical Center
New York City, New York

Roberto M. Lang, MD
Director, Noninvasive Cardiac Imaging
Professor of Medicine
University of Chicago Medicine
Chicago, Illinois

Patrick T. O’Gara, MD
Watkins Family Distinguished Chair, Cardiology
Professor, Harvard Medical School
Brigham and Women’s Hospital
Boston, Massachusetts

David G. Wolinsky, MD
Section Head, Nuclear Cardiology
Cleveland Clinic Florida – Weston
Weston, Florida

HOUSTON METHODIST FACULTY

Charudatta S. Bavare, MD, MPH
Associate Program Director, Vascular Surgery Integrated Residency
and Vascular Surgery Fellowship
Vascular Surgery

Mohammed A. Chamsi-Pasha, MD
Associate Director, Echocardiography Laboratory
Assistant Professor of Cardiology

Valeria E. Duarte, MD
Assistant Professor of Cardiology
Adult Congenital Cardiac Disease

Nadeen N. Faza, MD
Assistant Professor of Cardiology
Structural Heart Disease

Sachin S. Goel, MD
Director, Structural Heart Interventions (1/2020)

Neal S. Kleiman, MD
Lois and Carl Davis Centennial Chair
Director, Cardiac Catheterization Laboratory
Program Director, Interventional Cardiology Fellowship
Professor of Cardiology

Gerald M. Lawrie, MD
Michael E. DeBakey Distinguished Chair in Cardiac Surgery
Professor of Cardiovascular Surgery

C. Huie Lin, MD, PhD
Director, Adult Congenital Heart Disease: Interventional Cardiology
Associate Program Director, Fellowship in Cardiovascular Disease
Assistant Professor of Cardiology

Thomas E. MacGillivray, MD
Jimmy F. Howell, MD Endowed Chair in Cardiovascular Surgery
Chief, Division of Cardiac Surgery and Thoracic Transplant Surgery

Faisal Nabi, MD
Director, Cardiovascular Imaging
Houston Methodist Willowbrook
Assistant Professor of Clinical Cardiology

Sherif F. Nagueh, MD
Director, Echocardiography Laboratory
Professor of Cardiology

Michael J. Reardon, MD
Allison Family Distinguished Chair of Cardiovascular Research
Professor of Cardiovascular Surgery

GUEST FACULTY

Robert J. Cubeddu, MD
Chair, Cardiovascular Medicine
Cleveland Clinic Florida
Weston, Florida

Ricardo C. Cury, MD
President and Chief Executive Officer of Radiology Associates
Director of Cardiac Imaging
Baptist Hospital of Miami and Baptist Cardiac & Vascular Institute
Miami, Florida

Milind Y. Desai, MD
Haslam Family Endowed Chair in Cardiovascular Medicine
Director, Clinical Operations
Professor of Medicine, Cleveland Clinic Lerner College of Medicine
Cleveland, Ohio

Victor A. Ferrari, MD
Chair, Penn Cardiovascular Imaging Council, Depts. of Medicine,
Radiology, and Penn Cardiovascular Institute
Penn Medicine
Philadelphia, Pennsylvania

2020 FACULTY | 5
PROGRAM OVERVIEW
Cardiovascular imaging plays a vital role in the management of the cardiovascular patient. Knowledge of various imaging modalities is critical to understanding their advantages, limitations and appropriate utilization in patients with ischemic heart disease, heart failure, atrial fibrillation, cardiomyopathy, masses, valvular disease, and aortic disease. This symposium offers the opportunity, in addition to didactic lectures by world experts, to have small-group tutorials in each imaging modality, and demonstration of heart anatomy to better visualize and understand cardiac and valvular structure and enhance correlations with cardiac imaging.

TARGET AUDIENCE
Cardiologists, cardiovascular surgeons, internists, radiologists, critical care physicians, advanced cardiovascular practitioners, anesthesiologists, cardiovascular imaging technologists, fellows in training, and sonographers in areas such as echocardiography, vascular ultrasound, nuclear cardiology, cardiac CT and cardiac MRI will benefit from this course.

EDUCATIONAL OBJECTIVES
• Discuss new developments in multimodality imaging
• Compare the different types of imaging for the assessment of ischemia to determine which is the most beneficial for the specified clinical question
• Evaluate valve and heart morphology and relate them to valvular imaging and interventions
• Describe the timing and interventions in common valvular disorders
• Discuss how imaging can be utilized to differentiate cardiomyopathies and masses
• Explain the role of imaging in vascular disease and diseases of the aorta
• Summarize the most common congenital heart disease disorders seen in the adult and their salient imaging features

EDUCATIONAL METHODS
Didactic lectures, heart specimen demonstrations, case studies, small group tutorials with imaging stations, panel discussions, audience response system

EVALUATION
Evaluation by questionnaire will address program content, presentation, possible bias and intent to change current practice

ACCREDITATION AND CREDIT DESIGNATION STATEMENTS
Physicians
Houston Methodist is accredited by the Accreditation Council for Continuing Medical Education (ACCM) to provide continuing medical education for physicians.

Houston Methodist designates this live activity for a maximum of 18.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Echocardiologists
All or a portion of this educational activity may meet the CME requirement for IAC Echocardiography Accreditation.

ASRT Credit
ASRT for Category A Continuing Education Credit pending.

DISCLOSURE
This CME activity is designed for use by health care professionals for educational purposes only. Information and opinions offered by the contributors represent their viewpoints. Conclusions drawn by the participant should be derived from careful consideration of all available scientific information. Prescription information and use of medical devices should be undertaken only after confirmation of information by consulting the FDA-approved uses and information.

Houston Methodist makes every effort to have accurate information presented; no warranty, expressed or implied, is offered. The participant should use his or her clinical judgment, knowledge, experience and diagnostic decision-making before applying any information, whether provided here or by others, for any professional use.

REGISTRATION FEES

<table>
<thead>
<tr>
<th></th>
<th>Early-Bird (before 1/25/2020)</th>
<th>Regular Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Member (ACC/ASE/ASNC/SCMR)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physician/Scientist</td>
<td>$420</td>
<td>$520</td>
</tr>
<tr>
<td>Nonmember (ACC/ASE/ASNC/SCMR)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physician/Scientist</td>
<td>$550</td>
<td>$650</td>
</tr>
<tr>
<td>International Physician</td>
<td>$420</td>
<td>$520</td>
</tr>
<tr>
<td>Houston Methodist Physician/ Scientist/Health Care Professional</td>
<td>$120</td>
<td>$220</td>
</tr>
<tr>
<td>Other Health Care Professional</td>
<td>$350</td>
<td>$450</td>
</tr>
<tr>
<td>Resident/Fellows</td>
<td>$120</td>
<td>$220</td>
</tr>
</tbody>
</table>
10th Annual

Multimodality Cardiovascular Imaging for the Clinician

Case-Based Approach and Small Group Tutorials

Visit [events.houstonmethodist.org/cvimaging](http://events.houstonmethodist.org/cvimaging) to reserve your room.

---

The Westin Fort Lauderdale Beach Resort
321 N. Fort Lauderdale Beach Blvd.
Fort Lauderdale, FL 33304
888.627.7108

If calling in your reservation, please identify yourself with the Multimodality CV Imaging Conference in order to receive the special group rate of $299 (single/double). This rate does not include applicable state and local taxes (currently 13%), or the following automatic or mandatory charges, such as the $10 resort fee (discounted from $39) to include all amenities.

A limited number of rooms have been reserved at this rate on a space available basis. The deadline to receive this rate is Jan. 31, 2020, unless the room block has already been filled. Reserve your room early.

For Further Information, Contact
Office of Continuing Medical Education
6670 Bertner Ave., R2-216
Houston, TX 77030
cme@houstonmethodist.org
713.441.4971

---

Offering 23 miles of pristine sand and sparkling blue waters, The Westin Fort Lauderdale Beach Resort places the sun and surf right at your feet. Use our hotel's skywalk, which directly connects you to the beach from our third-floor pool deck. Visit the charming seaside village of Lauderdale-By-The-Sea, located near the hotel featuring a square mile of upscale shopping and restaurants. An empowering experience awaits you.

---

Lona Cocina Tequileria
Lona offers celebrated Mexican chef Pablo Salas’ eclectic, soulful Mexican cooking in a chic yet funky environment, complete with a breathtaking outdoor bar, casually elegant interior dining room, a special tequila tasting room and multiple private dining spaces.

---

Heavenly Spa by Westin™
Indulge in therapeutic massages, cleansing facials and invigorating body treatments.

---

Sky Terrace
Enjoy your breakfast, lunch and the Saturday evening reception on the outdoor sky terrace.
MARCH 14-16, 2020
The Westin Fort Lauderdale Beach Resort

10th Annual
Multimodality Cardiovascular Imaging for the Clinician

Case-Based Approach and Small Group Tutorials

Course Director: William A. Zoghbi, MD
Course Co-Directors: Mouaz H. Al-Mallah, MD; Stephen H. Little, MD; John J. Mahmarian, MD; Miguel A. Quiñones, MD; and Dipan J. Shah, MD

events.houstonmethodist.org/cvimaging