

3rd Annual Integrated Imaging in Clinical Cardiovascular Practice

August 9-11, 2007

Fairmont Hotel

Boston, MA

AGENDA

Thursday, August 9

7:00 a.m. Registration, Continental Breakfast

8:00 a.m. Welcome
Dr. Thomas

CURRENT APPLICATIONS AND FUTURE DIRECTIONS - *Dr. Thomas, Chair*

8:10 a.m. Echocardiography
Drs. Picard and Thomas

8:50 a.m. Magnetic Resonance
Drs. Desai and Kramer

9:30 a.m. Discussion and Questions
Drs. Picard, Thomas, Desai and Kramer

9:45 a.m. **Break**

10:15 a.m. Nuclear Cardiology
Drs. Jaber and DiCarli

10:55 a.m. CT
Drs. Hoffmann and Garcia

11:35 a.m. Discussion and Questions
Drs. Jaber, DiCarli, Hoffmann and Garcia

12:00 p.m. Luncheon –
Imaging Responsibly: Appropriate Selection and Utilization of the Best Test(s)
Dr. Thomas - Moderator

CORONARY ARTERY DISEASE - *Dr. Tuzcu, Chair*

1:30 p.m. Changing Paradigms in CAD: New Opportunities and Demands for Imaging
Dr. Tuzcu

1:45 p.m. Preclinical CAD - Case Presentation
Preclinical Detection: Which Asymptomatic Patient Should Be Screened with Imaging?
Dr. Desai

2:05 p.m. Potential and Limitations of CT Coronary Calcium Scoring and Angiography
Dr. Hoffmann

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Thursday, August 9 *cont.*

- 2:20 p.m. Imaging of Atherosclerosis by MRI and Vascular Ultrasound: Subclinical Disease Detection and Monitoring Regression with Therapy
Dr. Kramer
- 2:35 p.m. Interactive Case Discussion and Questions
Drs. Tuzcu, Desai, Hoffmann and Kramer
- 2:45 p.m. Symptomatic CAD - Case Presentation
Novel Biomarkers vs. Visualization of Coronary Plaque and Stenosis:
What Works Better in Acute Chest Pain
Dr. Hoffmann
- 3:00 p.m. Role of Nuclear in the Emergency Department: Present and Future
Dr. Udelson
- 3:10 p.m. Echo Assessment of CAD: Stress Echo and Myocardial Perfusion
Dr. Vannan
- 3:20 p.m. CMR Stress Testing and Assessment of Acute Chest Pain
Dr. Kramer
- 3:30 p.m. The Vulnerable Plaque: IVUS, Infrared, or Don't Bother?
Dr. Tuzcu
- 3:40 p.m. Interactive Case Discussion and Questions
Drs. Hoffmann, Udelson, Vannan, Kramer and Tuzcu
- 4:00 p.m. **Break**
- 4:30 p.m. Read with the Experts - CT
Drs. Garcia, Hoffmann and Desai
- 5:30 p.m. Reception and Young Clinical Investigators Poster Presentations

Friday, August 10

- 7:00 a.m. Continental Breakfast
Read with the Experts – Nuclear
Drs. Udelson, Jaber and DiCarli

HEART FAILURE - Dr. O'Gara, Chair

- 8:00 a.m. Cardiomyopathy – Case Presentation
How I Use Imaging to Help My Patients with Heart Failure
Dr. O'Gara

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Friday, August 10 *cont.*

- 8:20 a.m. Ventricular Function: When Do I Use Echo?
Dr. Thomas
- 8:35 a.m. Ventricular Function: When Do I Use MRI?
Dr. Kramer
- 8:50 a.m. Molecular Imaging in Heart Failure
Dr. DiCarli
- 9:00 a.m. Interactive Case Discussion and Questions
Drs. O’Gara, Thomas, Kramer and DiCarli
- 9:30 a.m. **Break**
- 10:00 a.m. Hypertrophic Cardiomyopathy - Case Presentation
Dr. Thomas, Chair
Echocardiographic Assessment of Hypertrophic Cardiomyopathy
Dr. Picard
- 10:20 a.m. CMR Assessment of Hypertrophic Cardiomyopathy: Function and Scarring
Dr. Desai
- 10:30 a.m. Interactive Case Discussion and Questions
Drs. Picard and Desai
- 11:00 a.m. Pericardial Disease – Case Presentation
Echo Assessment of Pericardial Disease
Dr. Picard
- 11:15 a.m. CT and MR for the Assessing Pericardial Anatomy and Hemodynamics and Planning Surgery
Dr. Garcia
- 11:25 a.m. Interactive Case Discussion and Questions
Drs. Vannan and Garcia
- 11:45 a.m. How Do I Get These Modalities to Speak to Each Other: DICOM, Networking and Integrating the Health Care Enterprise
Dr. Thomas
- 12:00 p.m. Luncheon - New Training Paradigms in Cardiovascular Imaging
Dr. Thomas, Moderator

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Friday, August 10 *cont.*

CHRONIC ISCHEMIC HEART DISEASE - Dr. Udelson, Chair

- 1:30 p.m. Chronic Coronary Disease – Case Presentation
SPECT or PET: Nuclear Assessment of Viability
Dr. Udelson
- 1:50 p.m. Role of Echo in Ischemic Cardiomyopathy
Dr. Vannan
- 2:00 p.m. Fundamental Concepts in Myocardial Viability Assessment Revisited by CMR
Dr. Kim
- 2:15 p.m. Use of CT in Surgical Planning
Dr. Garcia
- 2:30 p.m. Interactive Case Discussion and Questions
Drs. Udelson, Vannan, Kim and Garcia
- 3:00 p.m. **Break**

VALVULAR HEART DISEASE - Dr. Tuzcu, Chair

- 3:30 p.m. Evolving Strategies in Valve Disease Therapy: What Imaging Will We Need in the Future?
Dr. Tuzcu
- 3:45 p.m. Valve Stenosis – Case Presentation
Timing of Surgery in Valve Stenosis: Lessons from Echo
Dr. Vannan
- 4:00 p.m. Valvular Heart Disease: When Do I Use CMR? What Can CT Add?
Dr. Desai
- 4:15 p.m. Interactive Case Discussion and Questions
Drs. Tuzcu, Vannan and Desai
- 4:30 p.m. Regurgitation – Case Presentation
Functional and Anatomic Assessment of Valvular Regurgitation: What Is the Role of 3-D Echo?
Dr. Picard
- 4:50 p.m. Interactive Case Discussion and Questions
Dr. Picard
- 5:00 p.m. Read with the Experts – Echo
Drs. Picard, Vannan and Thomas

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Saturday, August 11

7:00 a.m. Continental Breakfast
Read with the Experts – CMR
Drs. Kim, Kramer and Desai

CONGENITAL HEART DISEASE - Dr. Thomas, Chair

8:00 a.m. Evaluation of the Adult with Congenital Heart Disease: A Multi-Modality Approach
Dr. Geva

8:25 a.m. Interactive Case Discussion and Questions
Drs. Geva and Kramer

AORTIC DISEASE - Dr. Picard, Chair

9:00 a.m. Case Presentation
Role of Echocardiography in Aortic Disease
Dr. Picard

9:15 a.m. CT and MR for Planning Open and Percutaneous Aortic Interventions
Dr. Desai

9:30 a.m. Interactive Case Discussion and Questions
Drs. Picard and Desai

9:45 a.m. **Break**

10:15 a.m. Guidance of Interventions – Case Presentation
Dr. Thomas, Chair
In the Trenches with Percutaneous Valve Procedures: Where Are We Going? How Can CT and MR Be Combined with Echo?
Drs. Tuzcu, Thomas and Desai

10:35 a.m. Interactive Case Discussion and Questions
Drs. Tuzcu, Thomas, Desai and Kim

10:45 a.m. Risk Stratification for Sudden Cardiac Death by CMR
Dr. Kim

11:00 a.m. How to Start CT in Your Practice Plus Interactive Case Review:
What Does a Cardiologist Need to Know about Noncardiac Findings?
Drs. Hoffmann, Garcia and Desai

12:00 p.m. Lunch – Industry Panel
Dr. Thomas, Moderator

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Saturday, August 11 *cont.*

ARRHYTHMIA MANAGEMENT - *Dr. Thomas, Chair*

- 1:30 p.m. Cardiac Resynchronization - Case Presentation
Here's How I Want Imaging to Make Me a Better Electrophysiologist: Lessons from Cardiac Resynchronization
Dr. Reddy
- 1:50 p.m. How to Assess Ventricular Synchrony
Dr. Vannan
- 2:00 p.m. 3D CT to Plan Intervention
Dr. Garcia
- 2:10 p.m. Interactive Case Discussion and Questions
Drs. Reddy, O'Gara and Vannan
- 2:20 p.m. Atrial Fibrillation - Case Presentation
Imaging to Guide Cardioversion: Is It Necessary?
Dr. Jaber
- 2:35 p.m. ICE and Beyond
Dr. Reddy
- 2:45 p.m. Interactive Case Discussion and Questions
Drs. Jaber, Garcia and Reddy
- 3:00 p.m. Cases, Cases, Cases!!!
Full Faculty
- 4:00 p.m. Wrap-up and Evaluation
CME credit statements and evaluations will be collected at this time.