

12th Annual Multimodality Cardiovascular Imaging for the Clinician

Friday, October 20 - Sunday, October 22, 2023

AGENDA | Friday, October 20, 2023

7:00 AM	Registration and Breakfast	
7:45	Welcome and Instructions	William A. Zoghbi, MD
Session I: Latest Advances in CV Imaging Technology: Echo, CT, PET, and CMR. What Should I Incorporate in Practice? <i>Moderators: João Cavalcante, MD, Karla Kurrelmeyer, MD, and Karima Addetia, MD</i>		
8:00	3D Echocardiography: Latest Advances and Applications	Karima Addetia, MD
8:15	Contrast Echocardiography: Powerful Tool in Diagnosis and Management	Sharon Mulvagh, MD
8:30	Cardiac CT Angiography: The Latest Technological Advances Including FFR	João Cavalcante, MD
8:45	Cardiac MRI: Basic Concepts and New Developments for Clinical Applications Beyond LGE	Raymond Y. Kwong, MD, PhD
9:00	PET/CT Techniques and Protocols: What Should I Incorporate in My Lab?	Mouaz Al-Mallah, MD
9:15	Artificial Intelligence in Cardiovascular Imaging: What is the Impact on Workforce and Workflow? Adopt or Adapt?	Karima Addetia, MD
9:30	Question and Answer Session with Panel Discussion	All Faculty
9:45	Break and Exhibits	
Session II: Ischemic Heart Disease: Role of Imaging <i>Moderators: Waleed Ahmed, MD, Panithaya Chareonthaitawee, MD and Jagat Narula MD, PhD</i>		
10:15	Risk Stratification in CV Prevention: What is the Value of Imaging? When and How to Use CT Calcium Score?	Khurram Nasir, MD
10:30	The Vulnerable Plaque: What is the Most Predictive of Coronary Events?	Jagat Narula, MD, PhD
10:45	The New 2021 Chest Pain Guidelines: When is CTA with FFR Preferred over Physiologic Stress?	John J. Mahmarian, MD
11:00	PET/CT in Coronary Artery Disease: Should it Replace SPECT?	Panithaya Chareonthaitawee, MD
11:15	Value of CMR in Acute Coronary Syndromes and Differentiation of Underlying Etiologies (MINOCA, Myocarditis...)	Raymond Y. Kwong, MD, PhD
11:30	Question and Answer Session with Panel Discussion: Interesting Cases in Coronary Artery Disease	Mouaz Al-Mallah, MD, John J. Mahmarian, MD, Khurram Nasir, MD
12:00 PM	Lunch	
Session III: Role of Imaging in Heart Failure <i>Moderators: Mahwash Kassi, MD, Raymond Y. Kwong, MD, PhD and Miguel A. Quiñones, MD</i>		
1:00	Quantitating Ventricular Function with Echocardiography: How Do You Use LV Strain in Daily Practice?	Miguel A. Quiñones, MD
1:15	Doppler Echocardiography and Diastology: Navigating the ASE Guidelines through Case Studies. Should Left Atrial Strain be Incorporated?	Sherif F. Nagueh, MD
1:45	How Do You Evaluate RV Size and Function? Is RV Strain the Best Index for RV Systolic Function?	Nadeen Faza, MD
2:00	Current Multimodality Approaches to Pericardial Diseases	João Cavalcante, MD
2:15	Role of CMR in Heart Failure: Impact on Etiologic Assessment and Prognosis	Dipan J. Shah, MD
2:30	LVAD: How Do You Assess LVAD Function with Echo? Role of CTA?	Mahwash Kassi, MD
2:45	Break and Exhibits	
Session IV: Live and Pre-recorded Case Studies from the Imaging Laboratories <i>Moderators: Waleed Ahmed, MD, Raymond Y. Kwong, MD, PhD, Sharon Mulvagh, MD, and Miguel A. Quiñones, MD</i>		
3:15	Live Cases and Interesting Case Studies with Panel Discussion: CAD, Diastology, Contrast Echo, Heart Failure and Viability, Cardiac Masses	Waleed Ahmed, MD, Mouaz Al-Mallah, MD, Karla Kurrelmeyer, MD, Raymond Y. Kwong, MD, PhD and Sharon Mulvagh, MD

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5:00 PM	Adjourn and Reception at Wolfgang Puck Restaurant
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AGENDA | Saturday, October 21, 2023

7:00 AM	Sign-In and Breakfast	
Session V: Valvular Heart Disease I: The Mitral and Tricuspid Valves		
<i>Moderators: Blase A. Carabello, MD, Gerald M. Lawrie, MD and Dee Dee Wang, MD</i>		
8:00	Valvular and Cardiac Structure Anatomic Demonstration	<i>Gerald M. Lawrie, MD and William A. Zoghbi MD</i>
8:15	Mitral Regurgitation: Evaluation with Echocardiography – An Integrative Approach	<i>William A. Zoghbi, MD</i>
8:30	Role of CMR in Valvular Regurgitation: When Is It Indicated?	<i>Dipan J. Shah, MD</i>
8:45	The ACC/AHA and ESC Valve Guidelines: Update on When to Intervene in Primary and Secondary MR?	<i>Blase A. Carabello, MD</i>
9:00	Repairing the Mitral Valve: Current Surgical Approach to Mitral Preservation	<i>Gerald M. Lawrie, MD</i>
9:15	Percutaneous Techniques for Mitral Valve Repair and Replacement: State of the Art	<i>Sachin S. Goel, MD</i>
9:30	Tricuspid Valve Regurgitation –The New Frontier: Results of Recent Interventions	<i>Dee Dee Wang, MD</i>
9:45	Question and Answer Session with Panel Discussion: Complex Cases in Mitral and Tricuspid Valve Disease	<i>Carlos El-Tallawi, MD, Sachin S. Goel, MD and Dee Dee Wang, MD</i>
10:15	Break and Exhibits	
Session VI: Valvular Heart Disease II: The Aortic Valve and Prosthetic Valves		
<i>Moderators: Nadeen Faza, MD, Sachin Goel, MD and Michael J. Reardon, MD</i>		
10:45	Modern Concepts in Aortic Stenosis: Are We Intervening Too Late?	<i>Blasé A. Carabello, MD</i>
11:00	TAVR: Optimizing the Choice of Prosthesis and Patient. What is the Next Frontier?	<i>Michael J. Reardon, MD</i>
11:15	Aortic Regurgitation: New Observations on Severity Assessment. Are the ACC/AHA/ESC Guidelines for Severe AR Too Specific?	<i>João Cavalcante, MD</i>
11:30	How Do You Evaluate Prosthetic Valve Function?	<i>Carlos El-Tallawi, MD</i>
11:45	The "Interventional Imager": The Latest ASE Recommendations for Training and Role of the Heart Team	<i>Stephen H. Little, MD</i>
12:00 PM	Question and Answer Session with Panel Discussion: Complex Cases in Aortic Valve Disease	<i>João Cavalcante, MD, Nadeen Faza, MD, Stephen H. Little, MD</i>
12:30	Lunch	
Session VII: Imaging in Evaluation of Cardiomyopathy		
<i>Moderators: Panithaya Chareonthitawee, MD and Juan Carlos Plana, MD</i>		
1:30	Stress Cardiomyopathy: When to Suspect and How to Diagnose?	<i>Maan Malahfji, MD</i>
1:45	Amyloid Heart Disease: Diagnostic Approach and Role of Imaging	<i>Panithaya Chareonthitawee, MD</i>
2:00	Cardio-oncology: Latest Recommendation for Early Detection and Management	<i>Juan Carlos Plana, MD</i>
2:15	Hypertrophic Cardiomyopathy: A Multimodality Approach and The Dawn of a New Era of Drug Interventions	<i>Sherif Nagueh, MD</i>
2:30	Question and Answer Session with Panel Discussion: Cardiomyopathies	<i>Panithaya Chareonthitawee, MD, Maan Malahfji, MD, Juan Carlos Plana, MD</i>
Session VIII: Jeopardy Game: Test Your Skills – Rapid-Fire Interpretation		
<i>Moderator: Bindu Chebrolu, MD</i>		
3:00	Jeopardy Game	
3:30	Break and Exhibits	

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Session IX: READ WITH THE EXPERTS*	
<i>Small Group Interactive Sessions: Basics of Image Manipulation and Case Studies</i>	
<i>Attendees Can Attend Any of the 4 Simultaneous Small Groups Sessions Dedicated for Each Modality</i>	
4:00 - 5:30	*2D/3D Echocardiography – Case Studies <i>Stephen H. Little, MD, Sherif Nagueh, MD, Miguel A. Quiñones, MD</i>
	CT Coronary Angiography – Case Studies <i>Waleed Ahmed, MD, Mohammed Chamsi-Pasha, MD, John J. Mahmarian, MD</i>
	Nuclear Cardiology: SPECT and PET – Case Studies <i>Mouaz Al-Mallah, MD, Faisal Nabi, MD, Panithaya Chareonthitawee, MD</i>
	Cardiac and Vascular MRI – Case Studies <i>Carlos El-Tallawi, MD, Maan Malahfji, MD, Dipan J. Shah, MD</i>
5:30	Adjourn and Evening on Your Own

**Please note: ONLY the 2D/3D echo group will be broadcast to virtual learners*

AGENDA | Sunday, October 22, 2023

7:00 AM	Sign-In and Breakfast	
Session X: Adult Congenital Heart Disease: Diseases of the Aorta and Peripheral Vasculature		
<i>Moderators: Marvin Atkins, MD, Andrea Quarti, MD</i>		
8:00	Post-Operative Congenital Heart Disease in the Adult: How Do You Recognize Common Conditions? Outcomes?	<i>C. Huie Lin, MD, PhD</i>
8:30	Adult Congenital Heart Disease: What Are The Most Common Untreated Conditions That Should Not Be Missed?	<i>Dilachew Adebo, MD</i>
9:00	What are the Best Techniques to Evaluate the Aorta: Echo vs CT vs Dynamic MRI?	<i>Mohammed Chamsi-Pasha, MD</i>
9:15	Aortic Root and Aortic Valve Repair: What is the Current State? What Does the Surgeon Need to Know from the Imager?	<i>Andrea Quarti, MD</i>
9:40	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?	<i>Marvin Atkins, MD</i>
10:00	Break and Exhibits	
10:30	Peripheral Vascular Disease: Should it be CT or MRI Imaging?	<i>Faisal Nabi, MD</i>
10:45	Carotid Disease: How to Use Imaging?	<i>Mohammed Chamsi-Pasha, MD</i>
11:00	Interesting Cases with Audience Response and Panel Discussion	<i>Marvin Atkins, MD and John J. Mahmarian, MD</i>
11:45	Program Evaluation and Wrap-Up	<i>William A. Zoghbi, MD</i>
12:00 PM	Adjourn	