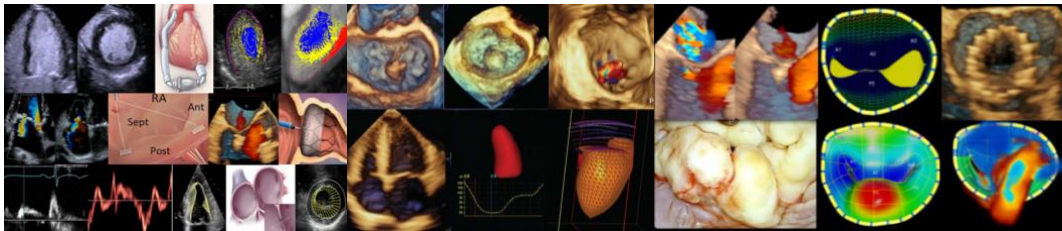


18<sup>th</sup> Annual

# Echo New York

Incorporating 3-D Echo 360<sup>o</sup>



November 9-11, 2018

New York Academy of Medicine, New York, NY  
1216 5th Ave, New York, NY 10029

***Founding Director:***

Farooq A. Chaudhry MD FACP FASE FACC FAHA

***Directors:***

Jagat Narula MD PhD MACC

Mani A. Vannan MBBS FASE FACC FAHA

Roberto Lang MD FASE FACC FESC

Luigi Badano MD FESC

David Adams MD FACC

***Co-Directors:***

Eyal Herzog MD

Edgar Argulian MD MPH FACC FASE

Lori Croft MD FACC FASE

***Co-Sponsors:***

Mount Sinai Heart, New York

Piedmont Heart Institute, Atlanta

University of Chicago, Chicago

University of Padua, Italy

## November 9, Friday

7:00-8:00 AM	Registration and Continental Breakfast
8:00-8:15 AM	Welcome and Opening Remarks, Course Objectives <i>Jagat Narula, Mani Vannan, Roberto Lang, Luigi Badano, David Adams MD</i>
8:15-8:45 AM	Imaging for Prevention <i>Valentin Fuster MD PhD MACC</i>
8:45-10:30 AM	Heart Failure I

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Moderator: Mani Vannan MBBS

### 15 min presentations, and 10 min each for discussion and summary

*Breakthrough: 3-D LV EF/Volumes*  
*Geu-Ru Hong MD*  
*Controversy: 2D Contrast Does the Job*  
*Eyal Herzog MD*  
*Let's Talk: Discussion*  
*All*  
*So, We Say What?*  
*Roberto Lang MD*

### 15 min presentations, and 10 min each for discussion and summary

*Breakthrough: GLS*  
*Dinesh Thavendiranathan MD*  
*Controversy: GLS+GCS is Better Than GLS Alone*  
*Theresa Green RDCS*  
*Let's Talk: Discussion*  
*All*  
*So, We Say What?*  
*Mani Vannan MBBS*

10:30-11:00 AM

Coffee Break

11:00-1:00 PM

Heart Failure II

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Moderator: Edgar Argulian MD

15 min presentations, and 10 min each for discussion and summary

*Breakthrough: 3-D LA Size and Function*

*Karima Addetia MD*

*Controversy: 2D and Doppler Is Not Be Ignored*

*Danny Pupud RDCS*

*Let's Talk: Discussion*

*All*

*So, We Say What?*

*Denisa Muraru MD*

15 min presentations, and 10 min each for discussion and summary

*Breakthrough: 3D RV Function*

*Eduardo Bossone MD*

*Controversy: 2D and Doppler is The Standard*

*Eric Kruse RDCS*

*Let's Talk: Discussion*

*All*

*So, We Say What?*

*Luigi Badano MD*

15 minutes

*Musings from The Master: Rethinking How We Describe LV and RV function*

*Jagat Narula MD*

1:00 – 2:00 PM

Lunch Break

2:00-4:00 PM

Workshops/Live Demonstrations: Strain, Contrast and 2D/3-D of the LV and RV

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**Moderator: Roberto Lang MD**

*4 Workshops to demonstrate how to do and workflow in various platforms using clinical data sets and teaching by a sonographer-physician team. Each workshop – 30 minutes (25 minutes demonstration and 5 minutes for discussion)*

- Workshop 1: 2D/3D Left and Right Heart  
*Meghan Yamat RDCS and Roberto Lang MD*
- Workshop 2: 2D/3D Left and Right Heart  
*Matt Umland RDCS and Sarah Roemer RDDCS*
- Workshop 3: 2D/3D Left and Right Heart  
*Kenneth (Scott) Edwards RDCS and Mani Vannan MBBS*
- Workshop 4: Strain, Contrast and More  
*Samantha Buckley RDCS and Edgar Argulian MD*

4:00– 4:20PM

**Coffee Break**

4:20-6:30 PM

Imaging Heart Failure: Illustrative Cases

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**Moderator: Lori Croft MD**

*Case-based topical presentation aimed to provide a practical take home message (15 min each)*

- Case 1: HCM Vs. Fabry's  
*Mark Sherrid MD*
- Case 2: Faint/No TR, Pulmonary Hemodynamics?  
*Lori Croft MD*
- Case 3: Exercise Doppler for Pulmonary Hypertension  
*Eduardo Bossone MD*
- Case 4: Stress Doppler for HFpEF  
*Geu-Ru Hong MD*
- Case 5: Amyloid Heart  
*Dinesh Thavendiranathan MD*
- Case 6: Athlete Heart  
*Karima Addetia MD*

- Case 7: Stress CMP  
*Nina Kukar MD*
- Case 8: LV Non-compaction  
*Y. Chandrasekhar MD*
- Case 9: RV Dysplasia  
*Subhika Srivastava MD*

6:30 PM

Adjourn

## November 9, Saturday

7:15-8:00 AM Registration and Continental Breakfast

8:00-8:20 AM **Farooq Chaudhry Memorial Oration**  
Contemporary Management of Aortic Stenosis  
From an Echocardiographic Perspective  
*Vera Rigolin MD*

8:20-10:00 AM Valve Anatomy

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Moderator: Luigi Badano MD

*Breakthrough: 3-D TEE for MV Anatomy*  
*Karima Addetia MD*  
*Controversy: Comprehensive 2-D TEE Still Works*  
*Smadar Kort MD*  
*Let's Talk: Discussion*  
*All*  
*So, We Say What?*  
*Roberto Lang MD*

*Breakthrough: 3-D Echo for TV Anatomy*  
*Meghan Yamat RDCS*  
*Controversy: 2D is Work, but it Works*  
*Sarah Roemer RDCS*  
*Let's Talk: Discussion*  
*All*  
*So, We Say What?*  
*Mani Vannan MBBS*

10:00-10:30 AM

Coffee Break

10:30 AM -12:30 PM

Valve Regurgitation

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Moderator: Edgar Argulian MD

*Breakthrough: 3D for MR*

*JD Cochran RDCS*

*Controversy: 2D Works*

*Edgar Argulian MD*

*Let's Talk: Discussion*

*All*

*So, We Say What?*

*Dinesh Thavendiranathan MD*

*Breakthrough: 3D for TR*

*Geu-Ru Hong MD*

*Controversy: Guidelines Say 2D: How to Use it?*

*Matt Umland RDCS*

*Let's Talk: Discussion*

*All*

*So, We Say What?*

*Mani Vannan MBBS*

*Musings from The Master: Moderate Valve Disease: Time's Up?*

*David Adams MD*

12:30 PM – 1:30 PM

Lunch Break

1:30-3:30 PM

Live Demonstrations: 2-D/3-D Echo in Valve Disease

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Moderator: Mani Vannan MBBS

*4 Live demonstrations how to do and workflow in various platforms using case data sets and teaching by sonographer-physician team. Each workshop – 30 minutes (25 minutes demonstration and 5 minutes for discussion)*

- Workshop 1: 2-D/3-D TTE for MR and TR  
*JD Cochran RDCS and Mani Vannan MBBS*
- Workshop 2: 2-D/3-D TEE for MR

*Eric Kruse RDCS and Roberto Lang MD*

- Workshop 3: 2-D/3-D TEE of the Aortic Root  
*Theresa Green RDCS/Eric Kruse RDCS/Matt Umland RDCS*
- Workshop 4: 2-D/3-D Echo of TV  
*Sarah Roemer RDCS and Meghan Yamat RDCS*

3:30– 4:00 PM

Coffee Break

4:00-6:30 PM

Imaging Heart Valve Disease

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Moderator: *Y. Chandrasekhar MD*

*Case-based topical presentation aimed to provide a practical take home message (15 min each)*

- Case 1: 2D/3D Echo and Surgical Anatomy in MVP  
*Ahmed El-Eshmawi MD*
- Case 2: Balloon Valuloplasty for MS  
*Geu-Ru Hong MD*
- Case 2: Sizing Aortic Annulus by Echo for TAVR  
*Mani Vannan MBBS*
- Case 3: Mitra-Clip for MR  
*Smadar Kort MD*
- Case 4: TAVR for AR  
*Samin Sharma MD*
- Case 5: Patient-Prosthesis Mismatch  
*Jeffrey Silbiger MD*
- Case 6: Clip for TR  
*Gilbert Tang MD*
- Case 7: Plug for Paravalvular Leak  
*Gila Perk MD*
- Case 8: TMVR for MAC MS/MR  
*Mani Vannan MBBS*
- Case 9: TMVR for MR  
*Samin Sharma MD*

6:30 PM

Adjourn



## November 10, Sunday

7:30-8:45 AM

Breakfast and Meet the Experts Sessions

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*No slides. Only Chalk Boards and Chalk or Flip Charts and Crayons*

Group A: Basics of Strain, Contrast, and 3D Echo

*Matt Umland RDCS, Theresa Green RDCS, Mani Vannan MBBS*

Group B: Challenges in Assessment of Left/Right Heart

*Megan Yamat RDCS, Danny Pudpud RDCS, Roberto Lang MD*

Group C: Challenges in Valve Disease

*Stephanie Fabian RCS, Eric Kruse RDCS, Karima Addetia MD*

Group D: Stress Echo in 2018 and Beyond

*Samantha Buckley RDCS, Kenneth (Scott) Edwards RDCS,  
Edgar Argulian MD*

9:00-11:00 AM

Echo in Stroke, Endocarditis, Mass, Aortic Disease: Guidelines and In-Between Lines

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**Moderator: Lori Croft MD and Karima Addetia MD**

Viewpoint (15 minutes)

- 3D Echo in Contemporary Practice

*Martin Goldman MD*

Case-Based Learning (20 min each, 15 min presentation and 5 min discussion)

*Case-based presentation aimed to stimulate discussion and provide expert insights into often asked questions in real-world practice*

- Case 1: AF: LA Smoke/Sludge/Clot

*Satish Kenchaiah MD*

Discussion:

-Sludge: Cardiovert or Not?

-Pre-Cardioversion TEE: Times Up?

*Moderator, Presenter and Audience*

- Case 2: LAA Anatomy for Device Closure  
*Tatyana Danilov MD*  
Discussion:
  - TEE Vs. CT
  - What Does 3-D Offer?
  - Anatomy for Embolic Risk?*Moderator, Presenter and Audience*
- Case 3: LAA Device Closure  
*Vivek Reddy MD*  
Discussion:
  - Key Steps for the Imager
  - Post-device closure TEE Assessment
- Case 4: ASD Device Closure  
*Subhika Srivastava MD*  
Discussion:
  - Key Anatomical Determinants
  - 2D Vs. 3D Vs. CMR
- Case 5: Chemo-Cardiotoxicity  
*Gagan Singh MD*  
Discussion:
  - Types of toxicity and what drugs cause it?
  - Monitoring intervals and what to measure?*Moderator, Presenter and Audience*
- Case 6: Clinical and TTE “likely” + for Type 1 dissection:  
TEE Vs. CT  
*Steven Lin Lao MD*  
Discussion:
  - 2 AM and “stable”: Hold or Hurry?
  - Hematoma Vs. Intimal Tear*Moderator, Presenter and Audience*
- Case 7: Aortic Root Dilatation: Echo Measurements  
*Martin Goldman MD*  
Discussion:
  - CT/CMR Vs. Echo Measurements
  - Timing of Intervention

*Moderator, Presenter and Audience*

11:15– 11:30 AM

Coffee Break

11:30 AM-12:30 PM

Post-Learning Assessment

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Moderator: Edgar Argulian MD

12 Questions

*MCQs provided by the speakers.*

*Answers by the Audience*

12:30 PM

Adjourn