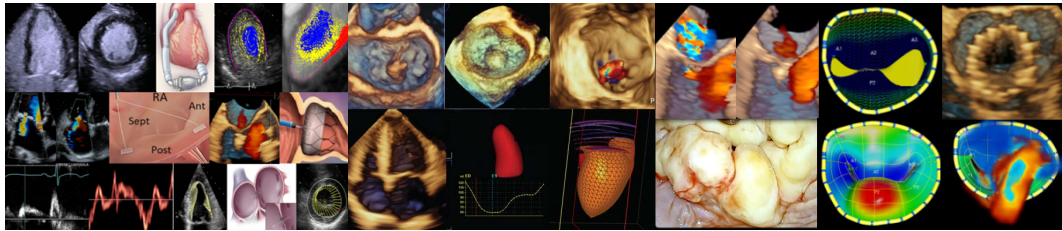


18<sup>th</sup> Annual

# 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 MD, Mani Vannan MBBS, Roberto Lang MD, Luigi Badano MD, David Adams MD</i>
8:15-8:45 AM	Imaging for Prevention <i>Valentin Fuster MD</i>
8:45-10:30 AM	Heart Failure I

---

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 RDCCS*  
*Let's Talk: Discussion*  
*All*  
*So, We Say What?*  
*Mani Vannan MBBS*

10:30-11:00 AM

Coffee Break

11:00AM-1:00 PM

Heart Failure II

---

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 To Be Ignored*

*Danny Pudpud 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*

*Mani Vannan MBBS*

*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/3D of the LV and RV

---

**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 minute demonstration and 5 minutes for discussion)*

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

4:00-4:20PM

**Coffee Break**

4:20-6:30 PM

Imaging Heart Failure: Illustrative Cases

---

**Moderator: Lori Croft MD**

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

- Case 1: HCM vs Fabry's  
*Mark Sherrid MD*
- Case 2: Faint/No TR, Pulmonary Hemodynamics?  
*Stephanie Fabian RCS*
- Case 3: Stress Doppler for HFpEF  
*Geu-Ru Hong MD*
- Case 4: Amyloid Heart  
*Dinesh Thavendiranathan MD*
- Case 5: Athlete's Heart  
*Karima Addetia MD*
- Case 6: Chaga's CMP  
*Julieta Morales Portano MD*
- Case 7: Stress CMP  
*Nina Kukar MD*

- Case 8: RV Dysplasia  
*Subhika Srivastava MD*
- Case 9: LV Non-compaction  
*Lori Croft MD*

6:30 PM

Adjourn

## November 10, 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

---

Moderator: Roberto Lang MD

*Breakthrough: 3D TEE for MV Anatomy*  
*Karima Addetia MD*  
*Controversy: Comprehensive 2D 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*  
*Megan 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

---

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: 2D/3D Echo in Valve Disease

---

Moderator: Mani Vannan MBBS

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

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

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

3:30-4:00 PM

Coffee Break

4:00-6:30 PM

Imaging Structural Heart Disease

---

Moderator: Mani Vannan MBBS

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

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

6:30 PM

Adjourn



## November 11, Sunday

7:30-8:45 AM

Breakfast and Meet the Experts Sessions

---

*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, Samantha Buckley RDCS, Roberto Lang MD*

Group C: Challenges in Valve Disease

*Stephanie Fabian RCS, Sarah Roemer RDCS, Karima Addetia MD*

Group D: Stress Echo in 2018 and Beyond

*Danny Pudpud RDCS, Kenneth (Scott) Edwards RDCS,  
Edgar Argulian MD*

9:00-12:00 PM

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

---

**Moderators:** 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 presentations 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:

-What Are the Types of LAA Anatomy?  
-What Does 3D Offer?  
-Anatomy for Embolic Risk?  
*Moderator, Presenter and Audience*

- Case 3: Planning LAA Device Closure  
*Julieta Morales Portano MD*

Discussion:

-When to Use Advanced Techniques?  
-Examples of Complex LAA Anatomy  
*Moderator, Presenter and Audience*

- Case 4: LAA Device Closure  
*Vivek Reddy MD*

Discussion:

-Key Steps for the Imager  
-Post-device Closure TEE Assessment  
*Moderator, Presenter and Audience*

- Case 5: ASD Device Closure  
*Subhika Srivastava MD*

Discussion:

-Key Anatomical Determinants  
-2D vs 3D vs CMR  
*Moderator, Presenter and Audience*

- Case 6: Chemo-Cardiotoxicity  
*Gagan Sahni MD*

Discussion:

-Types of Toxicity and What Drugs Cause It?  
-Monitoring Intervals and What to Measure?  
*Moderator, Presenter and Audience*

- Case 7: 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 8: Aortic Root Dilatation: Echo Measurements

*Martin Goldman MD*

Discussion:

-CT/CMR vs Echo Measurements

-Timing of Intervention

*Moderator, Presenter and Audience*

12:00-12:15 PM

Coffee Break

12:15-1:00 PM

Post-Learning Assessment

---

Moderator: Edgar Argulian MD

12 Questions

*MCQs Provided by the Speakers*

*Answers by the Audience*

1:00 PM

Adjourn