

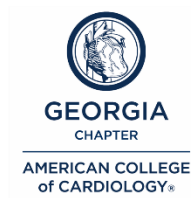
iMAGINE 2024

Echocardiography from the “When?” to the “How?” to the “Why?”

November 16 - 17, 2024

Shaheen Auditorium, Marcus Heart and Vascular Tower

Piedmont Atlanta Hospital, Atlanta 30309



Teachers

Rachel Sprouse RDCS

Kevin Moreau RDCS

JD Cochran RDCS

Sara Mobasseri MD

Peter Flueckiger MD

Mani A. Vannan MBBS

Saturday, November 16, 2024

7:15 AM – 8:15 AM

Breakfast, Registration and Visit Exhibits

8:00 AM – 8:15 AM

Welcome, Introductions, Course Objectives

Mani A. Vannan MBBS

8:15 AM – 10:00 AM

Tricuspid Regurgitation

JD Cochran RDCS, Kevin Moreau RDCS, Sara Mobasser MD, and Mani A. Vannan MBBS

- *Example of a standard TTE for TR*
- *Pearls in TTE Examination for TR*
- *Case Examples of Challenging TTEs*
- *Grading the Severity of TR*
- *When to Use 3D and why?*
- *AI for TR*
- *Questions/Discussion*



10:00 AM – 10:25 AM

Coffee Break and Visit Exhibits

10:25 AM – 12:30 PM

Strain Without Stress and Unwind with A Twist

Kevin Moreau RDCS, JD Cochran RDCS, Mani A. Vannan MBBS

- *How to Do a Strain Examination?*
- *When to Strain?*
- *Quality, Reliability and*
- *Disease Applications*
- *Case Study for Interpretation*
- *AI for Strain*
- *Questions/Discussion*



12:30 PM – 1:30 PM

Lunch Break and TEER for MR and TR: Essentials for the Echocardiographer

1:30 PM – 3:15 PM

Heart Failure

(12 minute presentations followed by 4 minutes Q and A)

Rachel Sprouse RDCS, JD Cochran RDCS, Mani A. Vannan MBBS

- *Example of a standard TTE for HF*
- *Effective Use of UEAs*
- *Pearls in TTE Examination for “Diastology”*
- *LA Strain, Doppler for Filling Pressures*
- *When to Use 3D and why?*
- *AI for HF*
- *Questions/Discussion*



3:15 PM – 3:35 PM

Coffee Break and Visit Exhibit

3:35 PM – 5:00 PM

Teaching Cases and What You Want to Learn

(12 minute presentations followed by 4 minutes Q and A)

Rachel Sprouse RDCS, Kevin Moreau RDCS, JD Cochran RDCS,

Sara Mobasser MD, Peter Flueckiger MD and Mani A. Vannan MBBS

- *UEAs Made a Difference*
- *2D/3D TEE helped to Clarify/Answer the TTE Finding*
- *CMR/CT Resolved the Echo Finding*
- *3D TTE Was Key to Resolve the Question*
- *Right Heart TTE Cases*
- *When, How, why (Techniques, Examples, Challenges You Want to See)*
- *Questions and Discussion*

5:00 PM

Adjourn, Reception for All the Attendees

Sunday, November 17, 2024

7:30 AM – 8:15 AM

Breakfast, Registration and Visit Exhibits

8:15 AM – 9:35 AM

Aortic Valve Disease

Kevin Moreau RDCS, Peter Flueckiger MD, and Mani A. Vannan MBBS

- *Example of a standard TTE for AS and AR*
- *Pearls in TTE Examination for AS and AR*
- *Case Examples of Challenging TTEs*
- *Grading the Severity of AS and AR in the Era of the Transcatheter Valve Therapy*
- *When to do CT Vs. DSE*
- *Post TAVR TTE: Standard TTE and What to Look for?*
- *Questions/Discussion*

9:35 AM – 11:00 AM

AI-revolution in Echocardiography

(12 minute presentations followed by 4 minutes Q and A)

Moderated by Mani A. Vannan MBBS

- *Data Acquisition*
- *Workflow*
- *Quantitation*
- *Interpretation*
- *Handheld and Wireless Echocardiography*



11:00 PM – 11:15 AM

Coffee Break and Visit Exhibits

11:15 AM – 11:30 AM

What is TAVR and TTVR: Essentials for the Echocardiographer

James Stewart MD

11:35AM – 1:05 PM

Mitral Valve Disease

(12 minute presentations followed by 4 minutes Q and A)

JD Cochran RDCS, Kevin Moreau RDCS, Sara Mobasser MD, and Mani A. Vannan MBBS

- *Example of a standard TTE for MR*
- *Pearls in TTE Examination for MR*
- *Case Examples of Challenging TTEs*
- *Grading the Severity of MR*
- *When to Use 3D and why?*
- *Questions and Discussion*

1:05 PM

Adjourn