



**Duke Cardiac Imaging Symposium**  
**Saturday, October 12, 2024**  
 Mary Duke Biddle Trent Semans Center  
 Durham, NC

Time	Topic	Speakers*
7:00-7:55am	Registration, Breakfast, and Exhibits	
7:55-8:00am	<b>Welcome and Opening Remarks</b>	Sreekanth Vemulapalli
8:00-8:45am	<b>Session 1: Strain in Malignancy (45 min)</b> <i>Moderator: Alicia Armour</i>	
	Session Introduction (3 min)	Alicia Armour
	Case 1: Strain Reveals New Information (5 min)	Dallas Gardner
	Panel Discussion: When Strain Shows Decreased Function but EF Remains the Same, What Does This Mean for the Patient Clinically? (8 min)	Michel Khouri, Ashlee Davis, Fawaz Alenezi
	Case 2: Strain Tracking: The Good, Bad, and Ugly (5 min)	Batina Kight
	Panel Discussion: How Do I Know I Can Trust the Strain? When Should/Shouldn't I Report It? (8 min)	Michel Khouri, Ashlee Davis, Fawaz Alenezi
	Future Directions of Echo in Malignancy Patients (5 min)	Michel Khouri
	Q&A and Discussion (8 min) Take Home Messages (3 min)	Alicia Armour
8:45-9:30am	<b>Session 2: The Athlete's Heart (45 min)</b> <i>Moderator: Richard Palma</i>	
	Session Introduction (2 min)	Richard Palma
	Case 1: Tricky Case of a Thick Athlete's Heart (5 min)	Nick Medlock
	Case 2: Differentiating Athlete's Heart and Pathology in Imaging (5 min)	Alicia Armour
	Endurance vs. Strength Athletes: Can We Even Differentiate These Days? (8 min)	Christopher Kontos
	Panel Discussion: Understand Different Imaging Modalities for the Diagnosis of Athletic Hearts (8 min)	Andrew Wang, Christopher Kontos, Nick Medlock, Alicia Armour, Han Kim
	Differentiating Athlete's Heart from Hypertrophic Cardiomyopathy (6 min)	Andrew Wang
	Panel Discussion: Current Treatments of Athlete's Heart – Young vs. Old Athletes: Do We Treat Them Differently? (8 min)	Andrew Wang, Christopher Kontos, Nick Medlock, Alicia Armour, Han Kim
	Q&A and Take Home Messages (3 min)	Richard Palma
9:30-10:15am	<b>Session 3: Cardiac Amyloidosis (45 min)</b> <i>Moderator: Ashlee Davis</i>	
	Session Introduction (3 min)	Ashlee Davis
	Case 1: The Role of Strain in Cardiac Amyloidosis (5 min)	Eddy Sandoval
	Panel Discussion: What if I Think There is Amyloid, But There is No "Cherry on Top?" – What Other Key Parameters Clue into Cardiac Amyloidosis (8 min)	Michel Khouri, Han Kim, Eddy Sandoval
	Case 2: Multi-modality Imaging in Cardiac Amyloidosis (5 min)	Han Kim
	Panel Discussion: There is a "Cherry on Top," But I Don't Think it is Amyloid. What Do I Do? (8 min)	Michel Khouri, Han Kim, Eddy Sandoval
	How Imaging Plays a Role in Future Treatment of Cardiac Amyloidosis Patients (6 min)	Michel Khouri
	Q&A and Discussion (7 min) Take Home Messages (3 min)	Ashlee Davis
10:15-10:30am	<b>Break &amp; Exhibits</b>	
10:30-11:15am	<b>Session 4: Aortic Stenosis (45 min)</b> <i>Moderator: Anita Kelsey</i>	
	Session Introduction (2 min)	Anita Kelsey
	How to Assess for Aortic Stenosis (8 min)	Sarah Hatton

	Case 1: Mixed Valve Disease: Aortic Stenosis/Aortic Regurgitation Case (4 min)	Rachel O'Brien
	Why Do I Need an Aortic Stenosis Buddy? (5 min)	Jayne Leypoldt
	Case 2: Low Flow, Low Gradient Severe Aortic Stenosis Case (4 min)	Nkiru Osude
	Panel Discussion: Putting the Imaging Data Together (8 min)	Sarah Hatton, Rachel O'Brien, Jayne Leypoldt, Richard Palma, Nkiru Osude
	Case 3: Tricky Aortic Stenosis Case (5 min)	Richard Palma
	Q&A and Discussion (5 min) Take Home Messages (3 min)	Anita Kelsey
<b>11:15am-12:00pm</b>	<b>Session 5: Mitral Valve Disease (45 min)</b> <i>Moderator: Sreekanth Vemulapalli</i>	
	Session Introduction (2 min)	Sreekanth Vemulapalli
	Pre-Procedure Transthoracic Echo: Sonographer Must Do's (8 min)	Andrew Monteagudo
	Pre-Procedure Transesophageal Echo: Imager Must Do's (8 min)	Sreekanth Vemulapalli
	What Do We Often Miss? – An Interventionalist's Perspective (5 min)	Andrew Wang
	Panel Discussion: Procedural Teamwork (8 min)	Fawaz Alenezi, Sreekanth Vemulapalli, Andrew Wang
	Post-Procedure Transthoracic Echo: Sonographer Must Do's (8 min)	Andrew Monteagudo
	Q&A and Discussion (8 min) Take Home Messages (3 min)	Sreekanth Vemulapalli
<b>12:00-12:45pm</b>	<b>Session 6: Quality and AI in the Echo Lab (45 min)</b> <i>Moderator: Anita Kelsey</i>	
	Session Introduction (3 min)	Anita Kelsey
	Basics of Quality in the Echo Lab (8 min)	Sreekanth Vemulapalli
	Practical Approach to Guideline Implementation (8 min)	Alicia Armour
	Measuring Quality in the Echo Lab (8 min)	Ashlee Davis
	Panel Discussion: Feedback / Continuation of QI Process (5 min)	Anita Kelsey, Sreekanth Vemulapalli, Ashlee Davis, Alicia Armour
	AI in the QA Program: What is Coming, and What is Available?	Sreekanth Vemulapalli
	Panel Discussion: Practical Implementation of AI: What are the Barriers? (5 min)	Anita Kelsey, Sreekanth Vemulapalli, Ashlee Davis, Alicia Armour
<b>12:45-1:15pm</b>	<b>Lunch &amp; Exhibits / Transition to Afternoon Breakout Sessions (live only)</b>	
<b>1:15-3:15pm</b>	<b>Self-Directed Breakout Sessions (locations below)</b>	
<b>Each breakout session will repeat 4 times (below) with a quick transition in-between:</b>  1:15-1:40pm 1:45-2:10pm 2:15-2:40pm 2:45-3:10pm	A. Applied Physics / Image Optimization (Great Hall)	Richard Palma Jon Owensby
	B. TTE 3D (Classroom 3, 3 <sup>rd</sup> floor)	Danny Rivera Batina Kight
	C. Strain (Lab 3054, 3 <sup>rd</sup> floor)	Alicia Armour Eddy Sandoval
	D. Structural Heart Interventions (TEE) (Lab 3055, 3 <sup>rd</sup> floor)	Andrew Monteagudo Andy Dhimitri
3:10-3:15pm	Return to Trent Semans Great Hall	
3:15-3:30pm	Symposium Recap and Closing Remarks	Sreekanth Vemulapalli

*\*Please note: Faculty and program are subject to change without notice.*