



NASCI 2025 ANNUAL MEETING

September 27-30 • Hilton Minneapolis, Minnesota

AGENDA

All sessions will be located in Orchestra Ballroom (Level 2) unless otherwise noted.

SATURDAY, SEPTEMBER 27

8:00 am – 6:00 pm	Registration/Information Desk Open <i>Foyer</i>
8:00 am – 9:00 am	Breakfast <i>Foyer</i>
9:00 am – 9:30 am	CASE OF THE DAY PRESENTATIONS <i>Moderators: Rodrigo Bello, MD, Aws Hamid, MD</i>
9:00 am	What is Missing from these Images? <i>Margit Szabari, MD, PhD</i>
9:10 am	Anomalous Origin of Right Coronary Artery from Pulmonary Artery <i>Simran Cheema, MD</i>
9:20 am	Double-Lumen Aortic Arch with Persistent Fifth Arch as Isolated Anomaly in Adult <i>Dhanwin Shetty, MD</i>
9:30 am – 10:00 am	Break <i>Foyer</i>
10:00 am – 11:45 am	CARDIAC CT BOOTCAMP SESSION 1 <i>Moderators: Elizabeth Lee, MD, Jonathan Revels, DO</i>
10:00 am	Coronary Artery and Cardiac Segmental Anatomy <i>Mina Hanna, MD</i>
10:12 am	Coronary Artery Anomalies <i>Andrew Bowman, MD, PhD</i>
10:24 am	CAD-RADS: Optimizing Reporting of Coronary CTA <i>Julia Niemierko, MD</i>
10:36 am	Incidental Cardiac and Vascular Findings Not to Miss on Routine Chest CT <i>Asutosh Sahu, MD</i>
10:48 am	Interesting Cardiac CT Cases <i>Jill Jacobs, MD, MS-HQSM, FNASCI</i>
11:00 am	Imaging in Acute Aortic Syndrome <i>Anastasia Oikonomou, MD, PhD</i>
11:12 am	Why Is My Aortic Wall Too Thick? <i>Alan Stolpen, MD, PhD</i>
11:24 am	Radiation Dose in Cardiac CT <i>Don Benson, MD</i>
11:36 am	Q & A
11:45 am – 12:45 pm	Lunch On Your Own
12:45 pm – 2:30 pm	CARDIAC CT BOOTCAMP SESSION 2 <i>Moderators: Tami Bang, MD, Chiemezie Amadi, MD</i>
12:45 pm	CT Evaluation of Complications After Aortic Valve Replacement <i>Tariq Hameed, MD</i>
12:57 pm	Cardiac Chamber Assessment on CT <i>Swati Deshmane, MD</i>
1:09 pm	Cardiac Valve Assessment on CT <i>Arzu Canan, MD</i>
1:21 pm	Pulmonary Vein Assessment on CT <i>Anuj Dixit, MD, FRCPC</i>
1:33 pm	Approach to Endocarditis <i>Adam Jacobi, MD</i>
1:45 pm	Cardiovascular Applications of Multi Energy CT <i>Roberta Catania, MD</i>
1:57 pm	Challenging Cardiovascular Imaging Cases on CT <i>Vishal Kukkar, MD</i>
2:09 pm	Rapid Fire Cardiovascular CT Cases <i>Karin Dill, MD</i>
2:21 pm	Q & A
2:30 pm – 3:00 pm	Break <i>Foyer</i>

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All sessions will be located in Orchestra Ballroom (Level 2) unless otherwise noted.

SATURDAY, SEPTEMBER 27 (continued)	
3:00 pm – 4:45 pm	CARDIAC MR BOOTCAMP SESSION 3 <i>Moderators: Aamer Chughtai, MD, Christopher Scoma, MD</i>
3:00 pm	Introduction to Cardiac MRI for Trainees <i>Oscar Osorio Cruz, MD</i>
3:12 pm	Patterns of Late Gadolinium Enhancement (LGE) <i>Archana Rai, MD</i>
3:24 pm	Hypertrophic Cardiomyopathy <i>Mini Pakkal, MD</i>
3:36 pm	MRI Assessment of Pericardial Diseases <i>Jitesh Ahuja, MD</i>
3:48 pm	Atrial Septal Defects with MRI <i>Camila Urzua Fresno, MD, MScCH</i>
4:00 pm	Cardiac Masses on MRI <i>Yasmeen Tandon, MD</i>
4:12 pm	Nonischemic Cardiomyopathies <i>Kimberly Kallianos, MD</i>
4:24 pm	Arrhythmogenic Cardiomyopathies <i>Muthu Kumar Sakthivel, MD</i>
4:36 pm	Q & A
5:00 pm – 6:00 pm	TRAINEE HOUR IN EXHIBIT HALL <i>Symphony</i>
6:00 pm – 7:30 pm	WELCOME RECEPTION IN EXHIBIT HALL <i>Symphony</i>

SUNDAY, SEPTEMBER 28	
7:00 am – 8:00 am	FUN RUN
7:30 am – 6:00 pm	Registration/Information Desk Open <i>Foyer</i>
8:00 am – 9:00 am	INDUSTRY SPONSORED PRODUCT THEATER BREAKFAST <i>Marquette Ballroom 4-7</i>
9:00 am – 9:15 am	Break <i>Foyer</i>
9:15 am – 11:15 am	OPENING SESSION: PIONEERING ADVANCES IN CARDIOVASCULAR IMAGING <i>Moderators: Carole Dennie, MD, Cristina Fuss, MD</i>
9:15 am	NASCI President Welcome Address <i>Prachi Agarwal, MD, MS</i>
9:30 am	Paulin Keynote Lecture: Pushing the Boundaries in Cardiovascular MR <i>Nicole Seiberlich, MD</i>
10:00 am	The New Era of Cardiac CT <i>Suhny Abbara, MD, FACR, MSCCT, FNASCI</i>
10:20 am	State of the Art: Vascular Imaging <i>Prabhakar Rajiah, MD, FRCR, FACR, FNASCI</i>
10:40 am	Use of 4D/5D Flow in Congenital Heart Imaging <i>Mark Fogel, MD</i>
11:00 am	Q & A
11:15 am – 11:45 am	Break – Exhibit Hall Open <i>Symphony</i>

NORTH AMERICAN SOCIETY FOR CARDIOVASCULAR IMAGING



NASCI 2025 ANNUAL MEETING

September 27-30 • Hilton Minneapolis, Minnesota

AGENDA

All sessions will be located in Orchestra Ballroom (Level 2) unless otherwise noted.

SUNDAY, SEPTEMBER 28 (continued)

11:45 am – 12:35 pm	NASCI YOUNG INVESTIGATOR COMPETITION <i>Moderators: Christian Houbois, MD, Akos Varga-Szemes, MD, PhD</i>
11:45 am	Beyond CAC: Insights from a Large-Scale CCTA Study of CAD Risk in Over 1200 Women <i>Surabhi Agarwal, MBBS, DNB</i>
11:55 am	Intracoronary Optical Coherence Tomography Validates the Precision of Photon-Counting Detector Coronary CT Angiography in Coronary Lumen Assessment <i>Moritz Halfmann, MD</i>
12:05 pm	Radiogenomic Correlates in Type A Aortic Dissection: Differentiating Genetic and Sporadic Cases with CT Morphometrics <i>Farbod Khosravi, MD</i>
12:15 pm	Validating Study of Pulmonary Nodule Measurements Using Ultra-Low Dose SilverBeam Filtering Technology <i>Kamhung Lam, BSN, RN</i>
12:25 pm	Feasibility and Image Quality Assessment of ECG-less Coronary CT Angiography: A Comparative Study with Conventional ECG-Gated CCTA <i>Seyedali Nabipoorashrafi, MD</i>
12:35 pm – 2:00 pm	INDUSTRY SPONSORED PRODUCT THEATER LUNCH <i>Marquette Ballroom 4-7</i>
2:00 pm – 3:15 pm	ADVANCED CT AND MR CARDIOVASCULAR IMAGING <i>Moderators: Prachi Agarwal, MD, MS, Stefan Zimmerman, MD</i>
2:00 pm	Medical 3D Printing with Focus on Cardiovascular Applications <i>Hamid Chalian, MD</i>
2:12 pm	Coronary Atherosclerosis and Risk: Lessons from CTA <i>Jonathan Leipsic, MD</i>
2:24 pm	Ferumoxytol in MR Angiography <i>Jeremy Collins, MD</i>
2:36 pm	How I Incorporate 4D Flow Imaging in Clinical Practice <i>Christopher Francois, MD</i>
2:48 pm	Coronary Artery Imaging Beyond Stenosis <i>Brian Ghoshhajra, MD</i>
3:00 pm	Q & A
3:15 pm – 3:45 pm	Break – Exhibit Hall Open <i>Symphony</i>
3:45 pm – 5:00 pm	NASCI/STR JOINT SESSION: CARDIOTHORACIC INTERVENTIONS <i>Moderators: Arzu Canan, MD, Shawn Teague, MD, FNASCI, FACR</i>
3:45 pm	Post Cardiac Surgery Complications <i>Anna Bader, MD, MS</i>
3:57 pm	Assessment of Aortic Fistula <i>Daniel Vargas, MD, FNASCI</i>
4:09 pm	Update: Cardiac Support Devices <i>Daniel Ocazonez, MD</i>
4:21 pm	Post LVAD Multimodality Imaging Evaluation <i>Satinder Singh, MD</i>
4:33 pm	CT for Evaluating Mechanical Circulatory Support Devices Used for Acute Heart Failure <i>Abhishek Chaturvedi, MBBS</i>
4:45 pm	Q & A
5:00 pm – 5:15 pm	Break

NORTH AMERICAN SOCIETY FOR CARDIOVASCULAR IMAGING



NASCI 2025 ANNUAL MEETING

September 27-30 • Hilton Minneapolis, Minnesota

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SUNDAY, SEPTEMBER 28 (continued)

5:15 pm – 6:15 pm	ORAL ABSTRACT KIOSK SESSION I
KIOSK 1	Moderators: Scott Adams, MD, Vishal Kukkar, MD
1-01	Electrical Impedance Tomography (EIT): Cardiothoracic Applications of a Novel Imaging Modality Mauricio Galizia, MD
1-02	Inspiring the Next Generation: Strategies to Engage Medical Trainees in Cardiovascular Imaging Early Majid Hassan, MD
1-03	Numbers Don't Lie: Making Sense of Cardiac MR Phase Contrast Measurements Aparna Joshi, MD
1-04	Optimizing Cardiovascular Imaging on Dual source CT with Photon Counting Detector Ali Mohammadzadeh, MD
1-05	CT Evaluation of Left Atrial Appendage Morphology and Outcomes: Pre and Post Trans-Catheter "Left Atrial Appendage Occlusion Device" Gilad Borisovsky, MD
1-07	A Diagnostic Approach to Left Atrial Masses Meha Patel, MD
1-08	Will Machine Learning Replace Traditional Cardiac Imaging? Mehrad Rokni, MD
1-09	The Potential and Challenges of Quantum Computing in Cardiac Imaging AI Caitlyn Tran, BS
1-10	Workflow and Interpretation Challenges in Photon-Counting Coronary CTA: Lessons from Clinical Implementation Quoc-Anh Nguyen-Duong, MD
KIOSK 2	Moderators: Arash Bedayat, MD, Hamid Chalian, MD
2-01	Evolution of Myocardial Infarct: Challenges for Cardiovascular Magnetic Resonance Imaging Nicole Bodnariuc, BHSc
2-02	Fibrosing Mediastinitis: Imaging Approach to Diagnosis, Patterns, and Complications Simran Cheema, MD
2-03	Pericardial Disease on CT: A Practical Approach to Inflammatory and Non-Inflammatory Conditions Moran Drucker Iarovich, MD
2-04	Arrhythmogenic Right Ventricular Cardiomyopathy: It May Not Be Generalizable as it Sounds... Daniel Han, BA
2-05	The Imitation Game: Diagnosing HCM Look-Alikes Catalina Jaramillo, MD
2-06	Percutaneous Cardiac Structural Repair Beyond ASDs and VSDs Gregory Jew, MD
2-07	MRI in Non-Ischemic Cardiomyopathy: Essentials for Diagnosis Dhilip Andrew Maria Anthony Rayer, MBBS
2-08	Phenotypic Variation of Genetic Cardiomyopathy in Women "Role of Cardiac MRI" Aditi Patel, MD, PhD, MPH
2-09	CT Evaluation of Pulmonary Vein Isolation Complications: Pearls and Pitfalls for the Radiologist Shravya Srinivas Rao, MD
2-10	Chronic Total Occlusion of the Coronary Arteries: A Radiologist's Guide to Diagnosis and Pre-procedure Planning Sadia Sultana, MD

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NASCI 2025 ANNUAL MEETING

September 27-30 • Hilton Minneapolis, Minnesota

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SUNDAY, SEPTEMBER 28 *(continued)*

KIOSK 3	Moderators: Rakesh Donthula, MD, Stefan Zimmerman, MD
3-01	Modern Heart Transplant Rejection Surveillance: Integrated Role of Cardiac Imaging <i>Felipe Castillo Aravena, MD</i>
3-02	Don't Panic! Univentricular Heart Disease Can Be Relatively Simple <i>Maria de Fatima Egas Bejar, MD</i>
3-03	Spectrum of Tubular Coarctation of Aorta <i>Monesha Gupta, MD</i>
3-04	High Risk features of Arrhythmogenic Subtype of Mitral Valve Prolapse with Annular Dysfunction <i>Eleanor Kim, MD</i>
3-06	Unroofed Coronary Sinus: A Rare and Overlooked Condition <i>Kelash Kumar, MD</i>
3-08	Imaging Overview of the Persistent Left Superior Vena Cava and its Variants <i>Maria Puella, MD</i>
3-09	Grand Prix of the Heart: Set the Heart Racing Through a Systematic Approach to Non Coronary Cardiac Anatomy Through the Embryologic Lens <i>Heli Rueda Chaparro, MD</i>
3-10	Revisiting Hemodynamically Significant Coronary Artery Anomalies: A Pictorial Review <i>Smily Sharma, MD, FRCR</i>
KIOSK 4	Moderators: Mahan Jehangir, MD, Scott Akers, MD
4-01	Beyond The Usual Suspects: Case-Based Insight from Coronary Sinus Aneurysms and Their Shadowy Allies <i>Andita Hidayati, MD</i>
4-02	Multimodal Imaging in the Planning and Execution of High-Risk Valve-in-Valve TMVR <i>Vijayadithyan Jaganathan, MD</i>
4-03	Disappearing Defect: The Importance of Accurate Image Acquisition Protocols to Avoid Misdiagnosis of LAA Slow-flow and Thrombus on Cardiac Computed Tomography (CT) – Case Report and Discussion <i>Burak Kaplan, MD</i>
4-04	Imaging and Management of Traumatic Lung Injuries: Pulmonary Contusion, Laceration, and Pneumothorax <i>Yutong Liang, BS</i>
4-05	Silent Ruptures: Mapping Cardiovascular Trauma Through the Lens of Imaging <i>Shopnil Prasla, MD</i>
4-06	Beyond the Aorta: A Multimodality Imaging Approach to Non-aortic Acquired Vascular Pathologies of the Chest <i>Melisa Prieto Peralta, MD</i>
4-07	What You Need to Know About Cardiac PET: Basics and Clinical Applications <i>Abdulbaset Sulaiman, MD</i>
4-08	Beyond the Aorta: Pulmonary Sheath Hematoma as an Aortic Dissection Complication <i>Ashni Terapalli</i>
4-09	CT and MR in Planning Ventricular Ablation <i>William Truesdell, MD</i>
4-10	High Resolution Cardiac Computed Tomography Prior to Ventricular Tachycardia Ablation: Providing Guidance for Electrophysiologists <i>Neel Vora, MBBS</i>
7:00 pm – 10:00 pm	NASCI SOCIAL NETWORK GATHERING

NORTH AMERICAN SOCIETY FOR CARDIOVASCULAR IMAGING



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7:00 am – 5:00 pm	Registration/Information Desk Open <i>Foyer</i>
7:00 am – 8:00 am	Breakfast <i>Symphony</i>
7:30 am – 8:00 am	CASE OF THE DAY PRESENTATIONS <i>Moderators: Omer Onder, MD, Mauricio S. Galizia, MD</i>
7:30 am	LV in a Bind: Left Ventricular Endomyocardial Fibrosis in an Elderly Male <i>Jerald Garvin Lim, MD</i>
7:40 am	The Immune Heartbreak: A Case of Checkpoint Inhibitor-Triggered Myocarditis <i>Siddarth Ragupathi, MD</i>
7:50 am	Seeing the Unseen: Direct Visualization of Fetal Foramen Ovale Flow with Doppler Ultrasound-Gated 4D Flow MRI <i>Jochen Gerstner Saucedo, MD</i>
8:00 am – 8:30 am	SCIENTIFIC SESSION I <i>Moderators: Bradely Allen, MD, Swati Mody, MD</i>
8:00 am	Strain CMR Predicts Regions of Inflammation on PET/CT in Patients with Cardiac Sarcoidosis: Added Value Beyond T2 Imaging <i>Negar Firoozeh, MD</i>
8:07 am	Comparative Effectiveness of Gadopiclenol for Congenital Heart MRA and 4D Flow <i>Marlene Goetz, BS</i>
8:14 am	Comparison of the First Generation Photon Counting Detector Technology and the Third Generation Dual Source Energy Integrating Detector Technology for Peripheral Artery Disease CT Angiography <i>Patrick Ghibes, MD</i>
8:21 am	Quantitative MRI Relaxation Time Analysis of Ex vivo Thrombus Samples: Implications for Mechanical Thrombectomy and Clot Characterization <i>Eniko Pomozi, MD</i>
8:30 am – 9:45 am	CMR: THE TISSUE DETECTIVES <i>Moderators: Jacobo Kirsch, MD, MBA, Karen Ordovas, MD</i>
8:30 am	Making CMR More Accessible <i>Christopher Francois, MD (SCMR)</i>
8:42 am	CMR in Autoimmune Rheumatic Diseases <i>Avanti Gulhane, MD, DNB, FSCMR</i>
8:54 am	MRI Evaluation of Cardiac Amyloidosis <i>Cody Johnson, MD</i>
9:06 am	To Be or Not to Be: CMR Imaging of Apical Aneurysms in Hypertrophic Cardiomyopathy <i>Felipe Torres, MD, PhD</i>
9:18 am	Multi-modality Imaging of Myocarditis <i>Kate Hanneman, MD, MPH</i>
9:30 am	Q & A
9:45 am – 10:15 am	Break – Exhibit Hall Open <i>Symphony</i>

NORTH AMERICAN SOCIETY FOR CARDIOVASCULAR IMAGING



NASCI 2025 ANNUAL MEETING

September 27-30 • Hilton Minneapolis, Minnesota

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MONDAY, SEPTEMBER 29 <i>(continued)</i>	
10:15 am – 11:30 am	REAL LIFE ADVICE <i>Moderators: Matthew Cham, MD, Patricia Mergo, MD</i>
10:15 am	Transition to Practice <i>Alessander Ramos, MD, FRCPC</i>
10:27 am	Integration of Cardiology and Radiology Joint Cardiac Imaging Interpretation <i>Patricia Mergo, MD</i>
10:39 am	Integrating Cardiac CT into Cardio-Oncology Establishment <i>Leila Rezai Gharai, MD</i>
10:51 am	Personal Experiences in Building and Maintaining a Practice in a Challenging Environment <i>Elliott Gozansky, MD, PhD</i>
11:03 am	Quality Improvement Models in Radiology <i>Dhiraj Baruah, MD, FNASCI, FSCMR</i>
11:15 am	Q & A
10:15 am – 11:30 am	CONCURRENT CONGENITAL TRACK - CONGENITAL SESSION 1 <i>Marquette 2-3</i> WHEN THE RIGHT IS NOT RIGHT: VASCULAR CONGENITAL DISEASE <i>Moderators: Aparna Joshi, MD, Shae Merves, MD, Randolph Otto, MD</i>
10:15 am	Surgical Intervention of Ebstein Anomaly <i>Joseph Dearani, MD</i>
10:32 am	Ebstein Imaging & Indications for Intervention <i>Shaimaa Fadl, MD</i>
10:44 am	Transcatheter Pulmonary Valve Replacement <i>Shrikant Das, MD</i>
10:56 am	Tetralogy of Fallot Imaging & Indications for Intervention <i>Arash Bedayat, MD</i>
11:08 am	Putting it Together: Setting up a Quality Improvement Program in Cardiac MRI <i>Sowmya Balasubramanian, MD</i>
11:20 am	Q & A
11:30 am – 12:30 pm	ANNUAL BUSINESS MEETING
12:30 pm – 1:45 pm	INDUSTRY SPONSORED PRODUCT THEATER LUNCH <i>Marquette 4-7</i>
1:45 pm – 3:15 pm	INTERNATIONAL SESSION CARDIOVASCULAR IMAGING PRACTICE AROUND THE WORLD: HOW I DO IT <i>Moderators: Aparna Deshpande, MD, Diana Litmanovich, MD</i>
1:45 pm	How We Do It: Chest Pain in the ED <i>Rozemarijn Vliegenthart, MD, PhD (ESCR)</i>
1:57 pm	Quantitative Stress Perfusion <i>Ming Yen Ng, MD (ASCI)</i>
2:09 pm	Quantitative Parametric Mapping: Interpretation and Reporting in NICM <i>Ricardo Budde, MD, PhD (ESCR)</i>
2:21 pm	Challenging CV Imaging Cases: A Case Based Presentation <i>Yoo Jin Hong, MD, PhD (KOSCI)</i>
2:33 pm	Plaque Analysis: Friend or Foe? <i>Sung Min Ko, MD (CIVICS)</i>
2:45 pm	Delayed Enhancement Imaging on MRI: Interpretation, Quantification and Reporting <i>Hideki Ota, MD (ASCI)</i>
2:57 pm	Q & A

NORTH AMERICAN SOCIETY FOR CARDIOVASCULAR IMAGING



NASCI 2025 ANNUAL MEETING

September 27-30 • Hilton Minneapolis, Minnesota

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MONDAY, SEPTEMBER 29 <i>(continued)</i>	
1:45 pm – 3:15 pm	CONCURRENT CONGENITAL TRACK - CONGENITAL SESSION 2 CONGENITAL IMAGING TECHNIQUES <i>Moderators: Katherine Kaproth-Joslin, MD, PhD, Santosh Uppu, MD, Frandics Chan, MD, PhD</i>
1:45 pm	Assessment of Congenital Shunt Lesions <i>Monesha Gupta, MD</i>
2:00 pm	Perfusion Blood Volume (PBV) in Pediatric Patient with Pulmonary Hypertension: A Case Review <i>En-Haw Wu, MD</i>
2:15 pm	Role of 3D/VR Technology in Planning Heart Transplantation in Complex Failing Fontan Circulation <i>Madhusudan Ganigara, MD</i>
2:30 pm	Incorporating AI into Congenital Heart Imaging <i>James Thompson, DO</i>
2:45 pm	Photon Counting CT in Congenital Heart Disease in Children <i>Beverly Newman, MD</i>
3:00 pm	Q & A
3:15 pm – 3:45 pm	Break – Exhibit Hall Open <i>Symphony</i>
3:45 pm – 5:15 pm	ISCHEMIC HEART DISEASE <i>Moderators: Liisa Bergmann, MD, Brian Ghoshhajra, MD</i>
3:45 pm	Lessons Learned from Cardiovascular Imaging in the ED <i>Phillip Young, MD</i>
3:57 pm	State of the Art: Cardiac MRI for Acute Myocardial Infarction <i>Felipe Sanchez Tijmes, MD</i>
4:09 pm	Coronary Artery Disease in Women <i>Diana Litmanovich, MD</i>
4:21 pm	Breast Arterial Calcifications as Opportunistic Screening for Cardiovascular Disease <i>Elsie Nguyen, MD, FRCPC, FNASCI</i>
4:33 pm	Opportunistic Screening for Cardiovascular Disease <i>Scott Adams, MD</i>
4:45 pm	Challenging Cases from the ER <i>Julia Alegria, MD</i>
4:57 pm	Q & A
3:45 pm – 5:15 pm	CONCURRENT CONGENITAL TRACK - CONGENITAL SESSION 3 <i>Marquette 2-3</i> CASE BASED DISCUSSION: THE APPROACH, IMAGES TO OBTAIN, AND RATIONALE FOR OBTAINING <i>Moderators: Taylor Chung, MD, Rakesh Donthula, MD, Swati Mody, MD</i>
3:45 pm	Repaired TGA <i>Anjali Chelliah, MD</i>
4:00 pm	Congenital Aortic Arch Anomalies <i>Sadaf Bhutta, MD</i>
4:15 pm	Imaging in Atrial Septal Defect Closure <i>Prashant Nagpal, MD</i>
4:30 pm	Single Ventricle Fontan Evaluation <i>Shrav Sridhar, MD, MS</i>
4:45 pm	Panel Discussion

NORTH AMERICAN SOCIETY FOR CARDIOVASCULAR IMAGING



NASCI 2025 ANNUAL MEETING

September 27-30 • Hilton Minneapolis, Minnesota

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MONDAY, SEPTEMBER 29 (continued)	
5:15 pm – 6:15 pm	ORAL ABSTRACT KIOSK SESSION II
KIOSK 5	Moderators: Anushri Parakh, MD, Navneet Singh, MD
5-01	Deep Learning-based Thoracic Aorta 3D Segmentation on Multi-institutional Computed Tomography Angiography Images William Dong, BSE
5-02	The Added Value of Radiomics Features on Late Gadolinium Enhancement (LGE) Cardiac Magnetic Resonance (CMR) for Detecting Myocardial Inflammation in Patients with Cardiac Sarcoidosis (CS) Avanti Gulhane, MD
5-03	Diagnostic Performance of Artificial Intelligence Models for Pulmonary Nodule Classification: A Multi-Model Evaluation Moritz Halfmann, MD
5-04	AI-Driven Acceleration of PE Diagnosis: Impact of AI-Augmented PE Detection on Radiologists' Reporting Time, Treatment Initiation, and Outcome Farbod Khosravi, MD
5-05	HiPath: A Multimodal Deep Learning Tool for Vessel Segmentation and Precision Diagnosis of PAD Eniko Pomozi, MD
5-06	Feasibility of Variational Autoencoder-Based Classification of Peripheral Artery Disease Lesions Using Clinical 3T UTE MRI Eniko Pomozi, MD
5-07	Texture Speaks Louder Than Scar: Radiomics as a New Frontier in Cardiac Sarcoidosis Evaluation Shopnil Prasla, MD
5-09	Feasibility of Deep Learning Algorithm-constructed Spectral Computed Tomography Pulmonary Angiography Images Replacing Aortic-phased Imaging Borong Tang, MD
5-10	Combining Clinical and Imaging Features Using an Interpretable Machine Learning Algorithm for Predicting Adverse Cardiac Events Marly van Assen, PhD
KIOSK 6	Moderators: Santosh Uppu, MD, Milan Vecsey-Nagy, MD, PhD
6-01	Spectral Ultrahigh-Resolution Photon-Counting CT for Lower Limb Angiography: Impact of Isotropic Voxel Spacing on Image Quality and Performance Muhammad Taha Hagar, MD
6-02	The Illusion of Low Risk: Cracks in the Calcium Score for Young Adults Yuval Liberman, MD, Mmed
6-03	Opportunistic Bone Health Evaluation in Cardiac Transplant Recipients Through Routine Chest CTs Seyedali Nabipoorashrafi, MD
6-04	Feasibility of ECG-Less Cardiac CT Techniques for Noninvasive CT-Derived Fractional Flow Reserve Assessment Seyedali Nabipoorashrafi, MD
6-05	Exploring the Role of ASL as a Predictor of Wound Healing Following Infrapopliteal Balloon Angioplasty in Diabetic Foot Patients Smily Sharma, MD, FRCR
6-07	Patient- and Vessel-Based Calcium Score Thresholds Predict the Need for Downstream Testing After Ultrahigh-Resolution Coronary CT Angiography Milan Vecsey-Nagy, MD, PhD

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September 27-30 • Hilton Minneapolis, Minnesota

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MONDAY, SEPTEMBER 29 *(continued)*

6-08	Optimized Reconstruction Settings for the Assessment of Non-Calcified Coronary Plaques on Ultrahigh-Resolution Photon-Counting Detector CT <i>Milan Vecsey-Nagy, MD, PhD</i>
6-09	Cardiac CT-Radiomics for Mortality Risk Estimation in Patients with Cardiomyopathy Receiving a Primary Prevention ICD <i>Ghazal Zandieh, MD</i>
6-10	Right Atrial Strain from CMR to Predict mortality in Pulmonary Hypertension <i>Ghazal Zandieh, MD</i>
KIOSK 7	Moderators: Arwa Almutairi, MD, Lewis Hahn, MD
7-01	Fast 30-Minute Cardiac MRI: Results of a Proposed Time-Efficient Protocol <i>Abdulilah Albriek, MD, SBR</i>
7-02	Application Value of Left Ventricular Fraction Area Change Measured by Cardiac Magnetic Resonance in Early Detection and Prognostic Assessment of Acute Myocardial Infarction <i>Jie Bao, MD</i>
7-03	MR Imaging in 7,324 Patients with Implanted Cardiac Devices: A 10-Year Retrospective Cohort Experience <i>Arash Bedayat, MD</i>
7-04	Qualitative and Quantitative Performance of Gadopiclenol in Cardiovascular Magnetic Resonance Imaging <i>Ming-Lun Chiu, MD</i>
7-05	Adult Congenital Heart Disease Complexity Restrification by Computed Tomography and/or Cardiac Magnetic Resonance <i>Maria de Fatima Egas Bejar, MD</i>
7-06	Operational Costs of 4D Flow MRI: A Break-Even Analysis <i>Joshua Engel, BS</i>
7-07	Prognostic Value of Cardiac Magnetic Resonance Parametric Mapping in Cardiac Amyloidosis: A Systematic Review and Meta-analysis <i>Seyedali Forouzannia, MD</i>
7-08	Global Coronary Flow Reserve: Feasibility of Coronary Sinus Breath-Hold Compressed Sensing 2D-Phase Contrast at Rest and Adenosine Stress <i>Darren Lum, MD</i>
7-09	Artificial Intelligence-Assisted Chest X-Ray-Based Staging of Pulmonary Venous Hypertension for Improved Prediction of Left Ventricular Diastolic Dysfunction Grade <i>Richard White, MD, MS</i>
7-10	Systematic Chest X-Ray "Pulmonary Congestion" Staging Reflects Echocardiographic Left Ventricular Diastolic Dysfunction Grade <i>Richard White, MD, MS</i>
KIOSK 8	Moderators: Mohamed Ibrahim, MD, Rishabh Khurana, MD
8-01	Screening for Significant Coronary Artery Stenosis in Pre- and Post-Menopausal Women: Role of Clinical Risk Factors and Calcium Score <i>Surabhi Agarwal, MBBS, DNB</i>
8-02	From Clear to Cloudy: Declining Diagnostic Quality of CTPA Across Pregnancy Trimesters <i>Gilad Borisovsky, MD</i>
8-03	Sex-specific Associations of Long-term Air Pollution Exposure with Coronary Artery Stenosis on Cardiac CT <i>Felipe Castillo Aravena, MD</i>

NORTH AMERICAN SOCIETY FOR CARDIOVASCULAR IMAGING



NASCI 2025 ANNUAL MEETING

September 27-30 • Hilton Minneapolis, Minnesota

AGENDA

All sessions will be located in Orchestra Ballroom (Level 2) unless otherwise noted.

MONDAY, SEPTEMBER 29 *(continued)*

8-04	Retrospective Analysis of CT Coronary Angiography for Patent Foramen Ovale Detection: Diagnostic Value of the Sagittal Plane <i>Abu-Bakr Malik, DO</i>
8-05	Prevalence of Breast Arterial Calcifications and Associated Cardiovascular Risk Factors in Breast-cancer Survivors <i>Elsie Nguyen, MD</i>
8-06	Characterizing Left Atrial Appendage Filling Defect on CT Scan: Thrombosis or Flow Dynamics? <i>Om Biju Panta, MD, MBA</i>
8-07	Socioeconomic and Racial Disparities in Coronary CT Angiography Outcomes: A Retrospective Cohort Analysis from 2015–2024 <i>Mehrad Rokni, MD</i>
8-08	Diagnostic Utility of Cardiac Computed Tomography for Patent Foramen Ovale: A Systematic Review and Meta-Analysis <i>Ashleigh Shenton, MD</i>
8-09	Leveraging Incidental Qualitative Assessment of Coronary Artery Calcification to Guide Statin Prescription <i>Bindushree Singri Gowda, MBBS, MS-CI</i>
8-10	Beyond Coronary Arteries: The Role of CT Calcium Score in Incidental Thoracic Aortic Dilatation Detection <i>Sadia Sultana, MD, MRCP, FRCR</i>

NORTH AMERICAN SOCIETY FOR CARDIOVASCULAR IMAGING



NASCI 2025 ANNUAL MEETING

September 27-30 • Hilton Minneapolis, Minnesota

AGENDA

All sessions will be located in Orchestra Ballroom (Level 2) unless otherwise noted.

TUESDAY, SEPTEMBER 30

7:00 am – 4:00 pm	Registration/Information Desk open <i>Foyer</i>
7:00 am – 8:00 am	Breakfast <i>Foyer</i>
7:00 am – 7:30 am	CASE OF THE DAY PRESENTATIONS <i>Moderators: Luba Frank, MD, Abdulbaset Sulaiman, MD</i>
7:10 am	A Tale of Two CTFFRs <i>Vera Sorin, MD</i>
7:20 am	Esophago-pericardial Fistula with Pneumopericardium <i>Melisa Prieto, MD</i>
7:30 am	Epipericardial Fat Necrosis <i>Anmol Dhawan, MD</i>
7:30 am – 8:00 am	SCIENTIFIC SESSION II <i>Moderators: Carlo De Decco, MD, PhD, Akos.Varga-Szemes, MD PhD</i>
7:30 pm	Preliminary Validation of Ultra-Low Dose 3D Landmark Scout Imaging in Calcium Scoring, a Transforming Technology <i>Nicholas Fong, BS</i>
7:37 pm	Synergistic Spectral and Ultrahigh-Resolution Photon-Counting CT Enhances Coronary Stent Imaging: Evaluation in a Dynamic Anthropomorphic Phantom <i>Muhammad Taha Hagar, MD</i>
7:44 pm	Post-market Surveillance of AI-assisted Triage for Suspected Aortic Dissection in the Emergency Department: One-year Experience from an ARCH-AI Site <i>Domenico Mastrodicasa, MD</i>
7:51 pm	Heart Failure Outcome Prediction Using AI Enabled Cardiac CT Chamber Volumetry Compared to Clinical Risk Scores <i>Marly van Assen, PhD</i>
8:00 am – 8:30 am	GRANT RECIPIENT PRESENTATIONS <i>Moderators: Suhny Abbara, MD, FACR, MSCCT, FNASCI, Bradley Allen, MD</i>
8:00 am	Seed Grant Mid-term: 4D-Flow CMR Characterization of the Right Ventricular/Pulmonary Artery Axis Pre and Post Pulmonary Thromboendarterectomy in CTEPH Patients <i>Camila Urzua Fresno, MD</i>
8:05 am	Educational Grant Mid-term: CardioVisioEd: An Interactive Application for Cardiac Imaging Education <i>Seyedali Nabipoorashrafi, MD</i>
8:10 am	Seed Grant Final: Association of Immune Check Point Inhibitor Therapy for Cancer with Early Myocardial Tissue and Biomarker Changes During Treatment – Implication for Risk of Myocarditis and Cardiomyopathy <i>Christian Houbois, MD</i>
8:20 am	Educational Grant Final: Developing an Immersive 3D Virtual Reality Cardiovascular Variant and Anomalous Anatomy Library and Curriculum <i>Lily Sung, MD</i>
8:30 am – 9:30 am	IMAGE INTERPRETATION PANEL <i>Moderator: Gregory Kicska, MD, PhD</i> <i>Panelists: Suhny Abbara, MD, FACR, Bradley Allen, MD, Anna Bader, MD, MS, Dhiraj Baruah, MD, FNASCI, FSCMR, Christopher Francois, MD, Anastasia Oikonomou, MD, PhD</i>
9:30 am – 10:00 am	Break <i>Foyer</i>

NORTH AMERICAN SOCIETY FOR CARDIOVASCULAR IMAGING



NASCI 2025 ANNUAL MEETING

September 27-30 • Hilton Minneapolis, Minnesota

AGENDA

All sessions will be located in Orchestra Ballroom (Level 2) unless otherwise noted.

TUESDAY, SEPTEMBER 30 *(continued)*

10:00 am – 11:30 am	IMAGING TO GUIDE INTERVENTIONS <i>Moderators: Cristina Fuss, MD, Charles White, MD</i>
10:00 am	Left Atrial Appendage Thrombosis <i>Gilad Borisovsky, MD</i>
10:12 am	Role of CT in Planning Coronary Interventions <i>Sandeep Hedgire, MD</i>
10:24 am	Pulmonary Artery Device Pre-planning <i>Susan Hobbs, MD, PhD</i>
10:36 am	CT in Planning EP Procedures <i>Lauren Groner, DO, MS</i>
10:48 am	Imaging with Contrast-enhanced Dynamic Magnetic Resonance Lymphangiography <i>Recai Aktay, MD, MPH</i>
11:00 am	CT in Planning Mitral Valve Interventions <i>Michael Morris, MD</i>
11:12 am	Q & A
11:30 am – 12:30 pm	INDUSTRY SPONSORED PRODUCT THEATER LUNCH <i>Marquette Ballroom 4-7</i>
12:30 am – 2:00 pm	CUTTING EDGE: MAPPING THE FUTURE FOR CARDIOVASCULAR IMAGING - NEW AND DEVELOPING FRONTIERS <i>Moderators: Christian Houbois, MD, Jill Jacobs, MD, MS-HQSM, FNASCI</i>
12:30 pm	Quantitative Stress CMR: A Paradigm Shift <i>Mayil Krishnam, MD</i>
12:45 pm	4D Flow Imaging of Heart Valves <i>Brian Pogatchnik, MD</i>
1:00 pm	Photon Counting CT Angiography for Peripheral Artery Disease <i>Sasan Partovi, MD</i>
1:15 pm	Cybersecurity for Medical Imaging <i>Benoit Desjardins, MD, PhD, FNASCI</i>
1:30 pm	5 Most Influential Cardiac Imaging Papers from the Last Year <i>Allison Ferreira, MD</i>
1:45 pm	Q & A
2:00 pm – 2:15 pm	Break <i>Foyer</i>
2:15 pm – 3:45 pm	ARTIFICIAL INTELLIGENCE <i>Moderators: Carlo De Cecco, MD, PhD, Anastasia Oikonomou, MD, PhD</i>
2:15 pm	AI to Expand Access to Advanced Analysis <i>Bradley Allen, MD</i>
2:27 pm	Cardiac Hemodynamics and Biomechanics - Interrogation of Cardiomyopathies with Deep Learning Analysis <i>Albert Hsiao, MD, PhD</i>
2:39 pm	Overview of the Current AI in Workflow <i>Arwa Almutairi, MD</i>
2:51 pm	AI in Cardiac Imaging: Are We Ready to Go All In?: Pro <i>Marly van Assen, PhD</i>
3:03 pm	AI in Cardiac Imaging: Are We Ready to Go All In?: Con <i>Domenico Mastrodicasa, MD</i>
3:15 pm	Applications of Adversarial Learning in CV Imaging <i>Muhammad Umair, MD</i>
3:27 pm	Q & A
3:45 pm – 4:00 pm	CLOSING REMARKS – INCOMING NASCI PRESIDENT <i>Daniel Vargas, MD, FNASCI</i>

NORTH AMERICAN SOCIETY FOR CARDIOVASCULAR IMAGING



NASCI 2025 ANNUAL MEETING

September 27-30 • Hilton Minneapolis, Minnesota

AGENDA

All sessions will be located in Orchestra Ballroom (Level 2) unless otherwise noted.

NASCI DIGITAL DISPLAY PRESENTATIONS

Display-01	Congenital Heart Disease Made Simple: A Practical Guide for Medical Students and Residents <i>Norayr Mkrtchyan, BS</i>
Display-02	Advanced CT Angiography Imaging for Peripheral Artery Disease <i>Elle Beck</i>
Display-03	From Heart and Beyond: Radiologic Hallmarks of Cardiac Sarcoidosis <i>Danling Chen, MD</i>
Display-04	Incidental Cardiac Findings on Chest CT: What Every Radiologist Should Know <i>Moran Drucker Iarovich, MD</i>
Display-05	Not All That Glitters Is a Heart Attack: A Multimodal Approach to Chest Pain Evaluation <i>Sofiya Ghazaryan, BS</i>
Display-06	Bias-Corrected Synthetic Myocardial Extracellular Volume Quantification Using Photon-Counting CT: Validation Against MRI in a Clinical Cohort <i>Muhammad Taha Hagar, MD</i>
Display-07	The Radiologic Spectrum of the Azygos Vein: Pearls, Pitfalls, and Diagnostic Challenge Imaging <i>Andita Hidayati, MD</i>
Display-08	The Role of Cardiac MRI in Arrhythmogenic Left Ventricular Cardiomyopathy <i>Catalina Jaramillo, MD</i>
Display-09	Rights and Lefts of Ventricular Noncompaction <i>Gregory Jew, MD</i>
Display-10	Influence of Spatial Resolution in Photon-Counting Coronary CT Angiography on Fully Automated AI-Based CT-FFR Assessment <i>Anton Kilburg, MD</i>
Display-11	Prosthetic Heart Valves - Imaging of Postop Complications <i>Junwoo Kim, MD</i>
Display-12	Automated Coronary Analysis in Ultrahigh-Spatial Resolution Photon-Counting Detector CT Angiography: Clinical Validation and Intra-individual Comparison with Energy-Integrating Detector CT <i>Dmitrij Kravchenko, MD</i>
Display-13	Acute Aortic Syndromes in the Emergency Department: Recognizing Life-Threatening Diagnoses on Imaging <i>Alexander Kuehne, MD</i>
Display-14	Looking Past the Heart: Prevalence and Significance of Extracardiac Findings in Young CCTA Patients <i>Yuval Liberman, MD Mmed</i>
Display-16	Extracellular Volume Quantification in Cardiac Magnetic Resonance Imaging: A Bright Prospect or a Dead End in Clinical Application? Evaluation of Influencing Factors <i>Philipp Locherer, MD</i>
Display-17	Don't Forget the Coronary Sinus and Veins! A Rare Case of Coronary Ostium Atresia <i>Ali Mohammadzadeh, MD</i>
Display-18	Radiographic Hallmarks of Cardiac Sarcoidosis: a Multimodality Approach <i>Afza Mohammed, BS</i>
Display-19	CT Imaging of Intracardiac Shunts: Protocols, Pearls, and Pitfalls <i>Harikrishnan Nandakumar, MD</i>
Display-20	Hybrid Use of Photon-Counting CT and IVUS in High-Risk Unstable Angina Detection and Management <i>Harikrishnan Nandakumar, MD</i>

NORTH AMERICAN SOCIETY FOR CARDIOVASCULAR IMAGING



NASCI 2025 ANNUAL MEETING

September 27-30 • Hilton Minneapolis, Minnesota

AGENDA

All sessions will be located in Orchestra Ballroom (Level 2) unless otherwise noted.

NASCI DIGITAL DISPLAY PRESENTATIONS *(continued)*

Display-21	Photon-Counting CT in Coronary Artery Disease: Advancing Evaluation with Ultra-High Resolution Imaging on CCTA <i>Quoc-Anh Nguyen-Duong, MD</i>
Display-22	Patent Ductus Arteriosus <i>Aaroh Patel, MD</i>
Display-23	How Cardiac MRI Can Support Clinical Decision Making in Rare Non-ischemic Cardiomyopathies <i>Shopnil Prasla, MD</i>
Display-24	Stepwise Approach to Cardiac Masses on MR <i>Melisa Prieto Peralta, MD</i>
Display-25	Diagnostic Approach and Differential Case Based Review of Spontaneous Coronary Artery Dissection <i>Christopher Reguyal, MD</i>
Display-26	The Coronary Arteries in the Non-ECG-gated Chest CT: What Every Reader Must Know <i>Felipe Soares Torres, MD</i>
Display-27	Imaging Spectrum of Cardiovascular Manifestations of Abernathy Malformation <i>Smily Sharma, MD, FRCR</i>
Display-28	Imaging Evaluation of Complications Associated with Prosthetic Heart Valves: A Pictorial Review <i>Smily Sharma, MD, FRCR</i>
Display-29	Decoding Left Ventricular Hypertrophy with Cardiac MRI: A Guide to T1 Mapping and Extracellular Volume Quantification <i>Sadia Sultana, MD</i>
Display-30	A Review of Aortic Emergencies Beyond Acute Aortic Syndrome <i>Ashni Terapalli</i>
Display-31	From Pixels to Prognosis: How Radiomics is Changing Cardiovascular Imaging <i>Michelle Wang, BS</i>
Display-32	AI in Cardiac Imaging - What Medical Students Should Know <i>Stephanie Warrior, BS</i>
Display-33	Beyond the Heart: Recognizing and Managing Incidental Findings on Cardiac CT <i>Karis Yoon, BA</i>
Display-34	Aortic Valve Calcification Score: Key Predictor of All-Cause Mortality in Obese TAVR Patients <i>Jin Zhang, MD</i>

NORTH AMERICAN SOCIETY FOR CARDIOVASCULAR IMAGING