



NASCI 2023 ANNUAL MEETING AGENDA

September 9-12 • The Scott Resort & Spa • Scottsdale, Arizona

Saturday, September 9, 2023		All sessions will be located in Heritage Ballroom 1,2 unless otherwise noted.
8:00 am – 6:00 pm	Registration/Information Desk Open	Canal Club Foyer
8:00 am – 9:00 am	Breakfast	Heritage Ballroom Foyer
9:00 am – 9:30 am	Case of the Day Presentations	Moderator: Leila Rezai Gharai, MD
9:00 am	Partial Pericardial Agenesis (Right-sided)	Omer Onder, MD
9:10 am	Cystic Mass of the Tricuspid Valve?	Alexander Phan, MD
9:20 am	Intracardiac Blood Cyst: A Mitral Valvular Lesion	Omer Onder, MD
9:30 am – 10:00 am	Break	Heritage Ballroom Foyer
10:00 am – 11:45 am	CARDIAC CT BOOTCAMP SESSION 1	Moderators: Lewis Hahn, MD, Subha Ghosh, MD
10:00 am	Coronary Artery Disease- Basics and CAD-RADS	Arzu Canan, MD
10:15 am	Cardiac Findings on Non-Gated Chest CT	Jonathan Revels, DO
10:30 am	Cardiothoracic Lines and Tubes	Swati Deshmane, MD
10:45 am	Cardiac Devices	Daniel Ocazonez, MD
11:00 am	Pericardial Disease	Binita Chacko, MD
11:15 am	Acute Aortic Syndromes	Christian Houbois, MD
11:30 am	Q & A	
11:45 am – 12:45 pm	Lunch On Your Own	
12:45 pm – 2:30 pm	CARDIAC CT BOOTCAMP SESSION 2	Moderators: Tariq Hameed, MD, Elena Pena, MD
12:45 pm	Straying from the Beaten Path: Diagnosis and Significance of Coronary Artery Anomalies	Shrav Sridhar, MD, MS
1:00 pm	CT Imaging of Native Heart Valves	Brian Pogatchnik, MD
1:15 pm	CT Imaging of Prosthetic Heart Valves	Laura Jimenez-Juan, MD
1:30 pm	CT of Pulmonary Veins/Atria	Ranish Khawaja, MD
1:45 pm	CT Calcium Score for Risk Stratification	Scott Adams, MD, PhD
2:00 pm	Cost Effectiveness of FFR-CT	Muhammad Umair, MD
2:15 pm	Q & A	
2:30 pm – 3:00 pm	Break	Heritage Ballroom Foyer
3:00 pm – 4:45 pm	CARDIAC MR BOOTCAMP SESSION 3	Moderators: Tami Bang, MD, Jose Gutierrez, MD
3:00 pm	Imaging of Ischemic Heart Disease	Mina Hanna, MD
3:15 pm	Non-Ischemic Cardiomyopathy	Yasmeen Tandon, MD
3:30 pm	Imaging of Cardiac Masses	Susan Hobbs, MD, PhD
3:45 pm	Valve Evaluation with MRI	Kimberly Kallianos, MD
4:00 pm	Simplifying Parametric Mapping for Routine Clinical Applications	Dhiraj Baruah, MD
4:15 pm	Cardiovascular Manifestations of Heritable Thoracic Aortic Disease	Gauri Rani Karur, MD
4:30 pm	Q & A	
4:45 pm – 6:15 pm	WELCOME RECEPTION	Heritage Ballroom 3, 4, 5



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Sunday, September 10, 2023

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7:00 am – 8:00 am	Fun Run
7:30 am – 6:00 pm	Registration/Information Desk Open <i>Canal Club Foyer</i>
8:00 am – 9:00 am	Industry Sponsored Product Theater Breakfast <i>Orangedale Ballroom, A,B,E,F</i>
9:00 am – 9:30 am	BREAK – Visit with Exhibitors <i>Heritage Ballroom 3, 4, 5</i>
9:30 am – 11:30 am	OPENING SESSION: New Frontiers: Pushing the Boundaries of Cardiovascular Imaging <i>Moderators: David Bluemke, MD, PhD, Jill Jacobs, MD</i>
9:30 am	NASCI Presidential Welcome Address <i>Phillip Young, MD</i>
9:45 am	Paulin Keynote Lecture - Artificial Intelligence and Cardiovascular Imaging: When is the Revolution? <i>Geoffrey Rubin, MD</i>
10:15 am	Revolutionizing our Work Environment: Bringing Fun back in for Retention and Recruitment <i>Jacobo Kirsch, MD, MBA, FNASCI, FACR</i>
10:35 am	Building Resilient Teams for the Future <i>Elsie Nguyen, MD, FRCPC, FNASCI</i>
10:55 am	Climate Change and Imaging: A Toolkit for Action <i>Kate Hanneman, MD, MPH</i>
11:15 am	Q & A
11:30 am – 1:00 pm	Industry Sponsored Product Theater Lunch <i>Orangedale Ballroom A,B,E,F</i>
1:00 pm – 2:30 pm	NASCI Young Investigator Competition <i>Moderators: Stefan Zimmerman, MD, Prabhakar Rajiah, MD</i>
1:00 pm	New Applications for Photon Counting CT <i>Prabhakar Rajiah, MD</i>
1:15 pm	#1: The Effects of a Novel Multi-Task Deep Learning Algorithm on AI-assisted Reads for Coronary Artery Disease Classification <i>Carlotta Onnis, MD</i>
1:25 pm	#2: Utilization of Cardiac Diagnostic Tools and 5-Year Mortality Rates in White and Black Patients with Ischemic Heart Disease: A Comparison Study Using a Large Multinational Collaborative Network <i>Anuttham Kandhadai, BS</i>
1:35 pm	#3: Deep Learning ECG Waveform Detection and Prediction for Cardiac MRI <i>Melina Hosseiny, MD</i>
1:45 pm	#4: Feasibility of Coronary CT Angiography-based Fractional Flow Reserve Using a Clinical Photon Counting Detector CT System <i>Emese Zsarnoczay, MD</i>
1:55 pm	#5: Could Coronary Artery Calcium Score be a Reliable Predictor of Coronary Artery Stenosis in Women? <i>Yuval Liberman, MD, Mmed</i>
2:05 pm	Artificial Intelligence: Reinforcement Learning in Medical Imaging <i>Benoit Desjardins, MD, PhD</i>
2:20 pm	Q & A
2:30 pm – 3:00 pm	Break – Visit with Exhibitors <i>Heritage Ballroom 3, 4, 5</i>
3:00 pm – 5:00 pm	NASCI/STR JOINT SESSION: Cardiothoracic Systemic Disease, Malignancy and Heart Transplant <i>Moderators: Joanna Kusmirek, MD, Shawn Teague, MD</i>
3:00 pm	Systemic Diseases Affecting the Heart - Beyond Amyloid and Sarcoid <i>Karen Ordovas, MD, MAS</i>
3:15 pm	Cardiopulmonary Imaging Manifestations Post COVID Infection <i>Satinder Singh, MD</i>
3:30 pm	Multimodality Imaging of Sarcoidosis <i>Kavitha Yaddanapudi, MD</i>
3:45 pm	Vasculitis in the Thorax <i>Aws Hamid, MD, MS</i>
4:00 pm	Cardiothoracic Toxicities of Novel Cancer Therapies <i>Richard Gore, MD</i>
4:15 pm	Cardiac Metastases: Beyond Melanoma <i>Alan Legasto, MD</i>
4:30 pm	The Role of Cardiac Imaging for Heart Transplant <i>Shaoxiong Zhang, MD</i>
4:45 pm	Q & A



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Sunday, September 10, 2023 (continued) *All sessions will be located in Heritage Ballroom 1,2 unless otherwise noted.*

5:00 pm – 6:00 pm	POSTER SESSION I <i>Heritage Ballroom 3, 4, 5</i>
KIOSK 1	<i>Moderators: Akos Varga-Szemes, MD, Maureen Hood, PhD, RN</i>
1-01	Imaging Vasculitis: A One-Stop-Shop for Radiologists <i>Seyedali Nabipoorashrafi, MD</i>
1-02	Breast Arterial Calcification on Mammography Correlates with Higher Cardiovascular Event Risk in Women <i>Hayley McKee, MSc</i>
1-03	Electromechanical Dyssynchrony on Cardiac MRI in Congenital Heart Disease <i>Romina DSouza, MBBS, MD, FRCR</i>
1-04	Congenital Mitral Heart Disease: What the Radiologist Needs to Know <i>Jonathan Liu, MD</i>
1-05	Roads Not Usually Taken: Patterns of Partial Anomalous Pulmonary Venous Return in Turner’s Syndrome <i>Amulya Buddhavarapu, MD</i>
1-06	Robotic and Minimally Invasive Mitral Valve Surgery: Radiological Assessment and Surgery Correlation <i>Omer Onder, MD</i>
1-07	Vasculitis Imaging in Emergency Settings <i>Livia Maria Frota Lima, MD</i>
1-08	Left Subclavian Artery Aneurysm in a Child <i>Monesha Gupta, MD</i>
1-09	Use of Cardiac Magnetic Resonance to Identify Patients with Suspected Myocardial Infarction with Non-Obstructive Coronary Arteries <i>Umberto Gianni, MD</i>
1-10	Don’t Forget to Check the Sternum After Thoracic Surgery: Expected Postsurgical Changes and Complications of Sternotomy and Sternal Wound Repair <i>Zehavit Kirshenboim, MD</i>
KIOSK 2	<i>Moderators: Arash Bedayat, MD, Navneet Singh, MD</i>
2-01	Building a Career in Cardiothoracic Imaging: 10 Reasons for Millennial and Generation Z Medical Trainees to Choose a Career in Cardiothoracic Radiology <i>Peter Gunderman, MD, MA</i>
2-02	Watchman Devices – Educational Abstract Using Real Life Cases <i>Diana Litmanovich, MD</i>
2-03	Image Guided Management to Mitral Valve Diseases <i>Mohamed Ibrahim, MBBCh</i>
2-05	Diagnosis of Post-Fontan Complications: A Practical Approach <i>Shravan Sridhar, MD, MS</i>
2-06	CMR to Improve Myocarditis Diagnosis Accuracy Utilizing Lake Louis Criteria Inclusive Novel Tissue Characterization Techniques <i>James Thompson, DO</i>
2-07	Aortic Coarctation: Pre- and Post-operative Imaging <i>Nicolas Villarraga, BS</i>
2-09	Navigating LAAO: A Pictorial Journey with CT Imaging <i>Seyedali Nabipoorashrafi, MD</i>
2-10	Embryologically Unusual Vascular Ring <i>Emily Sanders, MD</i>



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Sunday, September 10, 2023 (continued)		All sessions will be located in Heritage Ballroom 1,2 unless otherwise noted.
KIOSK 3	Moderators: Vishal Kukkar, MD, Tilman Emrich, MD	
3-01	Ethical Considerations for AI Software used in Cardiothoracic Radiology and Implications for Value-Based-Care Models: An Educational Exhibit	<i>Muhammad Umair, MD</i>
3-02	Double Chamber Right Ventricle	<i>Mostafa Alnoury, MD</i>
3-03	Post-Operative Imaging of Tetralogy of Fallot Repair: What the Radiologist Should Know	<i>Gregory Jew, MD</i>
3-04	20 Years of Coronary CTA- Improving Understanding and Management of Benign and Malignant Coronary Anomalies	<i>Yuval Liberman, MD, Mmed</i>
3-05	CMR Findings in Postpartum Cardiomyopathy and Prognosis	<i>Radhwan Khan, MD</i>
3-06	Utility of Cardiac PET/MRI in the Diagnosis of Cardiac Sarcoidosis	<i>Busra Cangut, MD</i>
3-07	Eosinophilic Granulomatosis With Polyangiitis Presenting As Acute Eosinophilic Myocarditis And Multifocal Cerebral Infarcts In An Asthmatic Young Lady	<i>Norain Talib, MD</i>
3-08	Printing Highly-Detailed 3D Cardiac Models in a Resource-Limited Setting	<i>Galo Diaz, MD</i>
3-09	Cardiovascular and Thoracic Complications of Sickle Cell Disease	<i>Malcolm Davidson, BHSc</i>
3-10	Coronary Artery Aneurysm: Classification	<i>Rebecca Zhang, MD</i>
KIOSK 4	Moderators: Stefan Zimmerman, MD, Bradley Allen, MD, MS	
4-01	A Foreboding Finding: Right Ventricular Mass in an Ongoing Malignancy Work-Up	<i>Jessica Huang, MD</i>
4-02	(No) Hole New World: Spectrum of Interatrial Shunts Presenting with an Intact Atrial Septum	<i>Jerald Garvin Lim, MD</i>
4-03	Appearance of Myocardial Infarcts on Cardiac MRI: What Medical Students and Junior Residents Should Know	<i>Malavika Satheesh, BS</i>
4-04	An Imaging Review of Pulmonary Venous Anomalies, Focusing on CT Imaging	<i>Raluca McCallum, MD</i>
4-05	A Not So CLLasic Case of Early Cardiac Tamponade	<i>Kateryna Strubchevska, MD</i>
4-06	Viral Myocarditis, An Example to Understand Late Myocardial Enhancement	<i>Carlos Almeida, MD</i>
4-07	Large Vessel Vasculitis: Imaging Insights from Pathology	<i>Madison Breiland, MD</i>
4-08	Fat Containing Cardiac Lesions	<i>Rebecca Zhou, BA</i>
4-09	Updates in the Evaluation of Large Vessel Vasculitis	<i>Matthew Schmidt, MD, MBA</i>
4-10	Covert But Not Invisible: Cardiac Tumors Easily Missed on Cine Cardiac MRI Sequences	<i>Aws Kamona, MD</i>
7:00 pm – 10:00 pm	NASCI EVENING SOCIAL ON THE ROOFTOP (ticket purchase required) Social Tap	



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7:00 am – 5:00 pm	Registration/Information Desk Open	Canal Club Foyer
7:00 am – 8:00 am	Breakfast	Heritage Ballroom 3, 4, 5
7:30 am – 8:00 am	Case of the Day Presentations	Moderator: Elizabeth Lee, MD
7:30 am	Unusual Intracavitary Mass Causing RVOT Obstruction	Vinit Baliyan, MD
7:40 am	Pulmonary Artery Adventitial Hematoma Arising from Type A Aortic Dissection	Maria Clara Lorca, MD
7:50 am	Right to Left Shunt and Paradoxical Embolism Related to Hemodialysis Catheter	Binita Chacko, MD
8:00 am – 8:30 am	SCIENTIFIC SESSION I	Moderator: Mayil Krishnam, MD, Akos Varga-Szemes, MD
8:00 am	Left and Right Ventricle Feature Tracking CMR Strain in Patients with Thoracic Sarcoidosis	Christian Houbois, MD
8:10 am	Ultra-High Spatial Resolution of Photon Counting Detector Coronary CT Angiographies Minimize Overestimation Bias Compared to Invasive Reference	Tilman Emrich, MD
8:20 am	Reproducible Hemodynamic Assessment of Type B Aortic Dissection from 4D Flow MRI Using Deep Learning Segmentation	Anthony Maroun, MD
8:30 am – 9:00 am	QUALITY IMPROVEMENT SESSION	Moderators: Joan Lacomis, MD, FNASCI, FACR
8:30 am	Generating an Impactful Report in the Era of Quantitative CMR and CTA	Bradley Allen, MD, MS
8:50 am	Q & A	
9:00 am – 9:30 am	Break – Visit with Exhibitors	Heritage Ballroom 3, 4, 5
9:30 am – 11:00 am	Cardiovascular Practice Management	Moderators: Jesse Hamilton, PhD, Guylaine Gleeton, MD
9:30 am	How to Build a Collaborative Cardiovascular Program	Markus Renno, MD, MPH, FAAP
9:45 am	How to Incorporate New Technology into Routine Practice (Photon Counting etc.)	U. Joseph Schoepf, MD
10:00 am	Practice Expansion Challenges and Potential Solutions	Anil Attili, MD
10:15 am	Artificial Intelligence to Improve Workflow	Navneet Singh, MD
10:30 am	Imaging Applications of Artificial Intelligence	Marly Van Assen, MD
10:45 am	Q & A	
9:30 am – 11:00 am	CONCURRENT PEDIATRICS TRACK - PEDIATRICS SESSION 1	Orangedale Ballroom C,D Common and Uncommon Congenital Lesions Moderators: Monesha Gupta, MD, Randolph Otto, MD
9:30 am	Ductus Arteriosus: The Good, The Bad and The Ugly	Beverley Newman, BSc, MB.BCh, FACR
9:45 am	Sails and Stuck Leaflets - Ebstein Anomaly	Mini Pakkal, MD
10:00 am	Congenital Anomalies of the Pulmonary Artery	Katherine Kaproth-Joslin, MD, PhD
10:15 am	Pediatric Cardiac Masses	Susan Hamman, MD
10:30 am	Highly Variable MAPCAs	Curtis Simmons, MD
10:45 am	Q & A	
11:00 am – 12:00 pm	Annual Business Meeting	
12:00 pm – 1:15 pm	Industry Sponsored Product Theater Lunch	Orangedale Ballroom A,B,E,F



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Monday, September 11, 2023 (continued)		All sessions will be located in Heritage Ballroom 1,2 unless otherwise noted.
1:15 pm – 2:45 pm	INTERNATIONAL SESSION: Cardiovascular Screening and Risk Stratification <i>Moderators: Tim Leiner, MD, PhD, Roosha Parikh, MD</i>	
1:15 pm	Updates in Cardiovascular Screening According to Guidelines <i>Ricardo Budde, MD</i>	
1:35 pm	Opportunistic Screening for Cardiovascular Disease <i>Sung Min Ko, MD</i>	
1:55 pm	CMR Risk Prognostication for Non-ischemic Cardiomyopathies <i>Giuseppe Muscogiuri, MD</i>	
2:15 pm	CMR Risk Prognostication for Ischemic Cardiomyopathy <i>Chul Hwan Park, MD, PhD</i>	
2:35 pm	Q & A	
1:15 pm – 2:45 pm	CONCURRENT PEDIATRICS TRACK - PEDIATRIC SESSION 2 <i>Orangedale Ballroom C,D</i> Imaging and Surgical Management of Congenital Heart Disease <i>Moderators: Luana Stanescu, MD, Aki Tanimoto, MD</i>	
1:15 pm	Pre and Post Operative Imaging of TOF: What Surgeons Need to Know <i>Arash Bedayat, MD</i>	
1:30 pm	Management of Congenitally Corrected Transposition of the Great Arteries <i>Scott Bugenhagen, MD, PhD</i>	
1:45 pm	Cardiac Catheterization Imaging in Adult Congenital Heart Disease <i>Srikant Das, MD</i>	
2:00 pm	Google Maps and Congenital Heart Surgery: Evolution, Acceptance, and Implementation of Advanced Imaging in the Surgical Management of Congenital Heart Disease <i>Daniel Velez, MD</i>	
2:15 pm	Q & A	
2:45 pm – 3:15 pm	Break – Visit with Exhibitors <i>Heritage Ballroom 3, 4, 5</i>	
3:15 pm – 4:45 pm	Cardiovascular Disease in Women <i>Moderators: Liisa Bergmann, MD, MBA, Yoo Jin Lee, MD</i>	
3:15 pm	Assessment of Cardiovascular Diseases in Pregnancy - Past 15 Years of Experience <i>Diana Litmanovich, MD</i>	
3:30 pm	Acute Coronary Syndromes in Women: Case Based Review <i>Dominique DaBreo, MD</i>	
3:45 pm	Sex-Specific Cardiovascular Risk Factors <i>James Roberts, MD</i>	
4:00 pm	Spontaneous Coronary Artery Dissection <i>Brian Ghoshhajra, MD, MBA</i>	
4:15 pm	Women in Cardiovascular Imaging <i>Cristina Fuss, MD</i>	
4:30 pm	Q & A	
3:15 pm – 5:00 pm	CONCURRENT PEDIATRICS TRACK - PEDIATRICS SESSION 3 <i>Orangedale Ballroom C,D</i> Approach to Imaging of Congenital Heart Disease <i>Moderators: Erin Romberg, MD, Sean Lang, MD</i>	
3:15 pm	Segmental Approach to Congenital Heart Disease <i>Romina Dsouza, MD, DNB, FRCR</i>	
3:30 pm	Combined MR Imaging of the Heart and Liver in Fontan Patients <i>Andrew Bowman, MD</i>	
3:45 pm	Tips & Tricks for Cardiovascular CT in Fontan Patients <i>Christopher Francois, MD</i>	
4:00 pm	CMR of Left to Right Cardiovascular Shunts <i>Shaimaa Fadl, MD</i>	
4:15 pm	4D Flow Evaluation of Segmental Anatomy in Congenital Heart Disease <i>Albert Hsiao, MD, PhD</i>	
4:30 pm	Cardiac Heterotaxy in Adult Congenital Heart Disease <i>Santosh Uppu, MD</i>	
4:45 pm	Q & A	



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5:00 pm – 6:00 pm	POSTER SESSION II <i>Heritage Ballroom 3, 4, 5</i>	
KIOSK 5	<i>Moderators: Rakesh Donthula, MD, Christian Houbois, MD</i>	
5-01	Multiparametric Cardiac MRI Can Detect Cardiac Allograft Vasculopathy in Heart Transplant Recipients <i>Bradley Allen, MD, MS</i>	
5-04	Prediction of Radiation Therapy Induced Cardiovascular Toxicity from Pretreatment CT Images in Patients with Thoracic Malignancy Via an Optimal Biomarker Approach <i>Mostafa Alnoury, MD</i>	
5-05	Assessment of Lung Perfusion using Dynamic Digital Radiography and Comparison with Nuclear Medicine Lung Scintigraphy <i>Donald Benson, MD</i>	
5-06	Deep Learning-based Aorta Segmentation Enables Automatic Calculation of Velocity Encoding Parameter for Phase Contrast MRI <i>Jiacheng Jason He, MS</i>	
5-07	Influence of Virtual Monoenergetic Reconstructions on Coronary CT Angiography-based Fractional Flow Reserve with Photon Counting Detector CT <i>Daniel Pinos, MD</i>	
5-08	Photon-Counting Detector CT Angiography of the Coronary Arteries: Intra-Individual Comparison of Image Quality to Conventional Energy-integrating Detector CT Angiography <i>Daniel Pinos, MD</i>	
5-09	Impact of AI Assistance on Reader Accuracy and Agreement of Plaque Assessment in Coronary Computed Tomography Angiography <i>Marly van Assen, PhD</i>	
5-10	Cardiac Investigation Trends Among Primary Care Physicians: A Paradigm Shift <i>Tiffany Ni, BMSc, MSc</i>	
5-11	Cardiac MRI and Clinical Follow-Up in Patients with Myocarditis Following COVID-19 Vaccination <i>Norain Talib, MD</i>	
KIOSK 6	<i>Moderators: Albert Hsiao, MD, PhD, Tilman Emrich, MD</i>	
6-01	Ultra-High Resolution Photon Counting Detector Coronary CT Angiography: Effect on CAD-RADS Reclassification in Stable Chest Pain Patients <i>Tilman Emrich, MD</i>	
6-02	Gender-Specific Predictability of Coronary Artery Calcium Score (CACS) for CAD-RADS in Young Patients: A Comparative Analysis <i>Yuval Liberman, MD, Mmed</i>	
6-03	Coronary Artery Calcium Score (CACS) vs. CAD-RADS Predictability of Positive Cardiac Catheterization in Pre-Solid Organ Transplant Patients: A Comparative Analysis <i>Yuval Liberman, MD, Mmed</i>	
6-04	Significant Coronary Artery Calcium (CAC) score on Lung Cancer Screening (LCS) Exams- What Next? <i>Padma Priya Manapragada, MD</i>	
6-05	Accuracy of Machine Learning Algorithms for Calcium Scores on Chest Computed Tomography: A Systematic Review and Meta-analysis <i>Pedro Pereira, MD</i>	
6-06	Cardiac CT to MR Image Conversion Using Generative Diffusion Models <i>Albert Song, PhD</i>	
6-07	Longitudinal Changes of Regional Myocardial Strain in the Swine Heart Following 90-minutes Infarction <i>Mehrzad Shafiei, MD</i>	
6-09	Non-invasive Pressure-volume Loop Derived Stroke Work as a Predictor of Myocardial Contractility in Duchenne Muscular Dystrophy <i>Sean Lang, MD</i>	
6-10	Diagnostic Accuracy of Cardiac MRI Versus Nuclear Imaging for Cardiac Amyloidosis: A Systematic Review and Meta-Analysis <i>James Roberts, MD MSc</i>	



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KIOSK 7	Moderators: Arash Bedayat, MD, Maureen Hood, PhD, RN
7-01	Ultra-High Resolution Versus Virtual Non-Calcium Algorithm for Stenosis Evaluation with Photon-Counting CT – A Dynamic Phantom Study <i>Emese Zsarnoczay, MD</i>
7-02	Exploring the Relationship Between Pregnancy Stage, Image Quality, Radiation Dose Parameters, and BMI in 17 Years of CTPA Data on Pregnant Patients in Tertiary Academic Center <i>Yuval Liberman, MD, Mmed</i>
7-03	Myocardial Strain is Reduced in Hypertrophic Segments in Patients with Hypertrophic Cardiomyopathy – Retrospective MRI Analysis with Deep Learning Synthetic Strain <i>Albert Song, PhD</i>
7-04	Cardiac MRI Biomarkers of Sarcopenia and Prediction of Adverse Events <i>Moran Drucker Iarovich, MD</i>
7-05	Machine Learning for Prediction of Major Adverse Cardiac Events in Patients with Suspected Cardiomyopathy Using Clinical and Cardiac MRI Variables <i>Hayley McKee, MSc</i>
7-06	Reducing Diagnosis Delays: The Impact of an AI-Powered Triage and Prioritization Solution for Incidental Pulmonary Embolism on CT Scan <i>Seyedali Nabipoorashrafi, MD</i>
7-07	A Cost-Free Approach to Evaluating Vertebral Body Bone Density and Height Loss in Lung Transplant Recipients Using Routine Chest CT <i>Seyedali Nabipoorashrafi, MD</i>
7-08	Higher MAD, Bigger Problem - The Relation Between The Height Of Mitral Annular Disjunction And Paradoxical Systolic Expansion of Mitral Annulus <i>Julia Niemierko, MD</i>
7-09	Reader Variability in Automated Coronary Plaque Analysis <i>Carlotta Onnis, MD</i>
7-10	Contrast-Induced Nephropathy in the Era of COVID-19: A Comparison of Rates and Outcomes in Patients Undergoing Coronary Angiography <i>Anuttham Kandhadai, BS</i>
KIOSK 8	Moderators: Vishal Kukkar, MD, Navneet Singh, MD
8-01	Covid-19 Effects on Aortic Stiffness Using 4D Flow MRI Derived Pulse Wave Velocity <i>Anthony Maroun, MD</i>
8-03	Single-phase Steady-state Ferumoxytol-enhanced MR Angiography of Neck, Chest, Abdomen, and Pelvis in Pre-operative Multi Organ Transplantation: A Feasibility Study <i>Soheil Kooraki, MD</i>
8-04	Status of Imaging Education Content in Cardiology using a Machine Learning Approach <i>Som Singh, MD</i>
8-05	Combined Cardiac FDG PET/MRI Assessment of Myocardial Inflammation in Rheumatoid Arthritis <i>Malcolm Davidson, BHS</i>
8-06	¹⁸ F-FDG PET/MR Characterization of Pre-capillary Pulmonary Hypertension <i>Ana Devesa, MD, PhD</i>
8-07	Association Between Cardiac Size, Function, and Complications in Vascular Ehlers-Danlos Syndrome <i>Aly Fawzy, BSc</i>
8-08	Low-attenuation Coronary Plaque Burden and Troponin Release in Chronic Coronary Syndrome: A Mediation Analysis <i>Milan Vecsey-Nagy, MD, PhD</i>
8-09	Understanding Myocardial Perfusion and Coronary CT Angiography Discrepancy: A Retrospective Comparative Study <i>Padma Priya Manapragada, MD</i>



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7:00 am – 3:45 pm	Registration	Canal Club Foyer
7:00 am – 8:00 am	Breakfast	Heritage Ballroom 3, 4, 5
7:00 am – 7:30 am	Case of the Day Presentations <i>Moderator: Michael Gotway, MD</i>	
7:10 am	Coronary Artery Pseudoaneurysm: Unexpected Reason for Pericardial Effusion	Emrah Duman, MD
7:20 am	CMR Detection of Drug Induced cardiotoxicity - Change in Management of HFrEF in Chronic Lymphocytic Leukemia	Avanti Gulhane, MD, DNB, FSCMR
7:30 am	Spontaneous Right Atrial Pseudoaneurysm	Aws Kamona, MD
7:30 am – 8:00 am	SCIENTIFIC SESSION II <i>Moderator: Rakesh Donthula, MD, George Youssef, MB, BCh</i>	
7:30 am	Deep Learning Analysis of Cardiac Volumetry and Function with Real-Time MRI	Amin Mahmoodi, BS
7:40 am	Cardiac MRI Tissue Characterization to Predict Major Adverse Events in Non-Ischemic Cardiomyopathy	Hayley McKee, MSc
7:50 am	Reducing Diagnostic Delays and facilitating patient management: The Effect of an AI-Powered Triage Solution for Pulmonary Embolism Detection on CT Chest Angiography	Seyedali Nabipoorashrafi, MD
8:00 am – 8:30 am	PANEL DISCUSSION: How to Start a Successful Career in Cardiac Imaging <i>Panelists: Suhny Abbara, MD, Patricia Mergo, MD</i>	
8:30 am – 10:00 am	Peripheral Vascular Disease <i>Moderators: Vishal Kukkar, MD, Sasan Partovi, MD</i>	
8:30 am	Gadolinium Enhanced MR Angiography for PAD	Avi Beck, MD
8:45 am	QUISS and 4D Flow MR Angiography for PAD	Ferdinand Seith, MD
9:00 am	Peri-procedural CTA Imaging for PAD	Sasan Partovi, MD
9:15 am	Multimodality Imaging for Planning of Open Surgical PAD Treatment and Correlation of Non-invasive Imaging with DSA Findings	Jon Quatromoni, MD
9:30 am	Vascular Access Planning for Minimally Invasive Cardiac Surgeries	Daniel Green, MD
9:45 am	Q & A	
10:00 am – 10:30 am	Break – Visit the Exhibits	
10:30 am – 12:00 pm	NASCI/SCMR JOINT SESSION: Arrhythmia and Cardiomyopathy <i>Moderators: Anil Attili, MD, Jadranka Stojanovska, MD</i>	
10:30 am	Arrhythmogenic Left Ventricular Cardiomyopathy	Prachi Agarwal, MD
10:45 am	Updates in Diagnostic Criteria for Hypertrophic Cardiomyopathy	Julia Alegria, MD
11:00 am	Multimodality Imaging of Restrictive Cardiomyopathies	Matthew Cham, MD
11:15 am	Fast MR Imaging Methods	Jesse Hamilton, PhD
11:30 am	Arrhythmogenic Mitral Valve Prolapse and Mitral Annular Disjunction	Carole Dennie, MD, FRCPC, FNASCI
11:45 am	Q & A	
12:00 pm – 12:15 pm	LUNCH & LEARN: Grab your lunch and head to the Structural Heart Disease Session	



NASCI 2023 ANNUAL MEETING AGENDA

September 9-12 • The Scott Resort & Spa • Scottsdale, Arizona

Tuesday, September 12, 2023 (continued)		All sessions will be located in Heritage Ballroom 1,2 unless otherwise noted.
12:15 pm – 1:30 pm	Structural Heart Disease: Imaging to Guide Management and Interventions <i>Moderators: Maureen Hood, PhD, RN, Antionette Gomes, MD</i>	
12:15 pm	Beyond Cardiomegaly: Cardiac Chamber Abnormalities and Associated Clinical Implications <i>Peter Filev, MD</i>	
12:30 pm	Imaging of Implantable Cardiac Valves <i>Alex Bratt, MD</i>	
12:45 pm	Role of Cardiac CT in TMVR <i>Shira Steinberger, MD</i>	
1:00 pm	Role of Cardiac CT in TTVR, and TPVR <i>Sandeep Hedgire, MD</i>	
1:15 pm	Q & A	
1:30 pm – 2:30 pm	Image Interpretation Panel <i>Moderator: Greg Kicska, MD, PhD</i> <i>Panelists: Adam Jacobi, MD, Shae Merves, MD, Elsie Nguyen, MD, FRCPC, FNASCI, Carlos Rojas, MD, Jadranka Stojanovska, MD, Daniel Vargas, MD, FNASCIS</i>	
2:30 pm – 2:45 pm	Closing Remarks <i>Incoming NASCI President Carole Dennie, MD, FRCPC, FNASCI</i>	



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