HILTON CLEVELAND DOWNTOWN CLEVELAND, OH • SEPTEMBER 10-13, 2022



SATURDAY, SEPTE	MBER 10, 2022
8:00 am - 6:00 pm	Registration/Information Desk Open - Superior Foyer
8:30 am – 9:30 am	Breakfast
9:00 am – 9:30 am	Case of the Day Presentations Moderator: Mini Pakkal, MD
9:00 am	When CTA Can "Guide" the Catheter! Romina Dsouza, MD, DNB, FRCR
9:10 am	Achy Breaky Heart Matthew Aitken, MBChB
9:20 am	Chest Pain in the ED: A Giant Lurking in the Cardiac Shadow Julian Fazi, MD
9:30 am – 10:00 am	Break
10:00 am – 11:45 am	Cardiac CT Bootcamp Session 1 Moderators: Matthew Cham, MD and Patricia Mergo, MD
10:00 am	Basics of CTA Acquisition Techniques Elsie Nguyen, MD, FRCPC, FNASCI
10:15 am	Coronary Anatomy and Anomalies Mina Hanna, MD
10:30 am	Cardiac Devices Abhishek Chaturvedi, MD
10:45 am	Pulmonary Vein/Atria Anushri Parakh, MBBS
11:00 am	Pericardial Disease Mini Pakkal, MD
11:15 am	Acute Aortic Syndromes Aws Hamid, MD, MS
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: Tami Bang, MD and Alex Bratt, MD
12:45 pm	Coronary Artery Disease- Basics and CAD-RADS Kavitha Yaddanapudi, MD
1:00 pm	Beyond CAD- SCAD and Vasculitis Jonathan Revels, DO
1:15 pm	CT Imaging to Guide Interventions Jaydeep Halankar, MD
1:30 pm	Congenital CTA Susan Hamman, MD
1:45 pm	CT of the Post-Operative Aorta Tariq Hameed, MD
2:00 pm	Basics of FFR-CT Mayil Krishnam, MD
2:15 pm	Q&A
2:30 pm – 3:00 pm	Break
3:00 pm – 4:45 pm	Cardiac MR Bootcamp Session 3 Moderators: Daniel Vargas, MD, FNASCI and Laura Jimenez-Juan, MD
3:00 pm	Ischemic CM Daniel Ocazionez, MD
3:15 pm	Non-Ischemic CM Daniel Vargas, MD, FNASCI
3:30 pm	Cardiac Masses Yasmeen Tandon, MD
3:45 pm	Valve Evaluation with MRI Laura Jimenez-Juan, MD
4:00 pm	Basics of T1 and T2 Mapping Kate Hanneman, MD, MPH
4:15 pm	MRA Imaging of the Thorax and Abdomen Vishal Kukkar, MD
4:30 pm	Q&A
5:00 pm – 6:00 pm	TRAINEE HOUR in Exhibit Hall - Superior C
6:00 pm - 7:30 pm	WELCOME RECEPTION in Exhibit Hall - Superior C



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15/11/52/12/11	BER 11, 2022
6:30 am – 6:00 pm	Registration/Information Desk Open - Superior Foyer
7:00 am – 8:00 am	Fun Run
8:30 am – 9:30 am	Industry Sponsored Product Theater Breakfasts - Superior A
:30 am – 11:30 am	Opening Session: Artificial Intelligence
	Moderators: Suhny Abbara, MD and Jill Jacobs, MD
9:30 am	NASCI Presidential Welcome Address Greg Kicska, MD, PhD
9:45 am	PAULIN KEYNOTE LECTURE: Practical Applications of Artificial Intelligence in Cardiovascular Imaging Tim Leiner, MD
10:15 am	Artificial Intelligence and Radiomics in Cardiac Imaging Carlo De Cecco, MD, PhD
10:35 am	Use of Artificial Intelligence for Plaque Characterization on Coronary CTA Andrew Choi, MD
10:55 am	Artificial Intelligence in Cardiac Functional Imaging Albert Hsiao, MD, PhD
11:15 am	Q&A
1:30 am – 1:00 pm	Industry Sponsored Product Theater Lunch with Hands-on Workshop - Superior A
1:00 pm – 2:30 pm	NASCI Young Investigator Competition Moderators: Stefan Zimmerman, MD and Karen Ordovas, MD, MAS
1:00 pm	Deep Learning Left Ventricular Mechanical Analysis in Tetralogy of Fallot Brendan Crabb
1:10 pm	4D Flow MRI in Type B Aortic Dissection Stanley Chu
1:20 pm	Cardiac MRI in Clinically Suspected Myocarditis after COVID-19 Vaccination Constantin Marschner, MD
1:30 pm	How to Get Involved with NASCI as a Trainee/Junior Faculty Charles White, MD
1:45 pm	Clinical Performance of Deep Learning Cardiac MRI Plane Prescription Rahul Chandrupatla
1:55 pm	Clinical Validation of Deep Learning Based Coronary Artery Disease Analysis Marly van Assen
2:05 pm	Photon Counting CT in Cardiovascular Imaging: The Future is Here <i>Prabhakar Rajjah</i> , <i>MD</i>
2:15 pm	Q&A
2:30 pm – 3:00 pm	Break - Visit Exhibits - Superior C
3:00 pm – 5:00 pm	Structural Heart Disease: Imaging to Guide Management and Interventions
	Moderators: Brian Ghoshhajra, MD, MBA and Eric Williamson, MD
3:00 pm	Not Another TAVR Talk! Imaging for the Other Structural Heart Disease Interventions Stefan Zimmerman, MD
3:15 pm	Cardiac CT for Planning Mitral and Tricuspid Valve Repair Brian Pogatchnik, MD
3:30 pm	Cardiac CT in Left Atrial Occlusion Devices Dhashan Vummidi, MD
3:45 pm	Imaging for Clinical Cardiac Electrophysiology Benoit Desjardins, MD, PhD
4:00 pm	Imaging Transseptal and Transbaffle Access Techniques Srikant Das, MD
4:15 pm	Quality Assurance When Expanding Structural Heart Disease Imaging to Regional Hospitals Susan Hobbs, MD, PhD
4:30 pm	Chest CT Venograms for Central Vein Recanalization Procedures Sasan Partovi, MD
4:45 pm	Q&A
5:00 pm – 6:00 pm	Poster Presentations - Superior C
KIOSK 1	Moderator: Karen Ordovas, MD, MAS
1-1	4D Flow MRI-derived Pulse Wave Velocity in Type B Aortic Dissection Anthony Maroun, MD
1-2	Cardiac CT Adipose Tissue Biomarkers for Cardiovascular Risk Stratification Apurva Dixit
1-3	Initial Experience Implementing a Virtual City-Wide Cardiac Imaging Course Archana Rai, MD
1-4	Dose, Noise and Image Quality on Photon-Counting Detector CT versus EID CT Achala Donuru, MD
1-5	Cardiac Abnormalities in Marfan Syndrome with Pectus Excavatum Gauri Rani Karur, MD
1-6	Primary Pericardial Mesothelioma: A Case Report and Brief Literature Review Jacobo Kirsch, MD, MBA, FNASCI, FACR
	Significance of Right Ventricular Involvement on PET/MRI in Cardiac Sarcoid Faisal Aloufi
1-7	organication of ragine voltarioalar involvement of 1 217 mil in our along value of a local value of the arms of th
1-7 1-8	Beam Hardening in Multi-contrast Photon-counting CT: A Phantom Study Marly van Assen



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IDAI, SEFTEIVIL	BER 11, 2022 CONTINUED
KIOSK 2	Moderator: Prachi Agarwal, MD
2-1	Hemodynamic Parameters and False Lumen Thrombus in Type B Aortic Dissection Ozden Kilinc, MD
2-3	MR Imaging in Patients with Implanted Cardiac Devices: A Six-year Experience Arash Bedayat, MD
2-4	A Review on the Applications of AI in Cardiac MRI of Patients with CHD Mohammad Hossein Jalili, MD
2-5	Low Flow Low Gradient Aortic Stenosis: CT and Echocardiography Measurements Mostafa Abozeed, MD
2-6	Cardiac Computed Tomography Derived Pulmonary Artery Z-scores in Children Rakesh Donthula, MD
2-7	Cardiac Computed Tomography Derived Pulmonary Vein Z-scores in Children Rakesh Donthula, MD
2-10	3D Printed Anatomic Models for Planning Left Atrial Appendage Closure Isabella Liu
2-11	The 3D Printing (3DP) Electronic Round Trip: Integrating 3DP into an EMR Isabella Liu
2-12	SVC Syndrome After Warden Procedure Mostafa Abozeed
KIOSK 3	Moderators: Albert Hsiao, MD, PhD and Mayil Krishnam, MD
3-1	Imaging of Congenital Heart Disease - A Step by Step Approach for Trainees Allie Eberly, MD
3-2	Spread It Out: Imaging Features of Infectious Endocarditis from Head to Toe Andrea Furlani, MD
3-3	Please PET My Heart, I Have Sarcoid Ashima Muttreja, MD
3-4	Potential Applications of Radiomics Based Texture Analysis in CMR Avanti Gulhane, MD, FSCMR
3-5	Multi-modality Cardiac Imaging in Myocarditis after COVID-19 Vaccination Constantin Marschner, MD
3-6	Multimodality Review of Large Vessel Vasculitis: Pearls and Pitfalls Jonathan Revels, DO
3-7	Desmoplakin Cardiomyopathy: What an Imager Should Know Mauricio Stanzione Galizia, MD
3-8	Hepatopulmonary Diseases: Review on Imaging and Clinical Management Mohammad Hossein Jalili, MD
3-9	Cinematic Rendering in Diagnosing Compressive Complications of SVG Aneurysm Muhammad Umair, MD
3-10	Cardiac CT Imaging for Quantification of PVAT for Coronary Arteries Muhammad Uzair Khalid, BMSC
3-11	Cost-effectiveness of Utilization of Coronary CTA and CT-FFR Muhammad Umair, MD
KIOSK 4	Moderators: Bradley Allen, MD, MS and Akos Varga-Szemes, MD
4-1	Echo 101 - What Every Radiology Resident Needs to Know Bertin Mathai, MD
4-2	Cardiac Devices on Xrays and their MRI Compatibility - Primer for Residents Faizullah Mashriqui, MD
4-3	Cardiac PET Measurement of Myocardial Blood Flow Nourhan Chaaban, MD
4-4	Partial Anomalous Pulmonary Venous Return in Adults Nourhan Chaaban, MD
4-5	Lupus Myocarditis Nourhan Chaaban, MD
4-6	The Story of the Askew Watchman Device Roosha Parikh, MD
4-7	Cardiomyopathy in Women Jay Pham, MD
4-8	Imaging of Left to Right Cardiovascular Shunts Shaimaa Fadl, MD
4-9	What to Do When There is too Much Heart: An Approach to Cardiac Masses Stefan Brancel, MD
4-10	Nonthrombotic Pulmonary Embolism, What the Radiology Resident Needs to Know Yonatan Rotman, MD
4-11	LVAD Imaging and Complications: A Primer for Radiology Residents Kajsa Mayo
4-12	Reporting of Type B Aortic Dissections: An update for Radiologists Abner Mercado, MD
KIOSK 5	Moderators: Carlo De Cecco, MD, PhD and Ahmed Gharib, MD
5-1	CTA to Guide the Management of CTEPH Mehrzad Shafiei
5-2	Diabetic Embryopathy: Spectrum of Common Cardiovascular Findings Julia Asmar, MD
5-3	The Great Metastatic Mystery: Identifying Cardiac Layer Involvement in a Case Presentation Suraya Nahlawi, DO
5-4	latrogenic Coronary Artery Stenosis: A Rare Surgical Complication Jason Lee, MD
5-5	Large Vessel Vasculitis: What to Look for and How to Image Ian Drexler, MD, MBA
5-6	Imaging of Impella in Patients with Cardiogenic Shock Timothy Hoang
5-8	Safety of Cardiovascular Imaging During Pregnancy Genelle Gittens-Backus, MD
5-9	Cardiac Angiosarcoma: A Case Report with Review of its Imaging Features Maria Clara Lorca, MD
5-10	Tumors and Tumor-like Conditions of the Pericardium: Learning to Embrace These Lesions Maria Clara Lorca, MD
5-11	Cardiovascular Magnetic Resonance Myocardial Mapping Techniques Andrea Bejar
	Endocarditis with Aortomitral Curtain Perforation Emrah Duman, MD



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etamine Induced Cardiomyopathy and Acute Lung Injury Mehrzad Shafiei, MD
se of Cardiac Involvement in Eosinophilic Granulomatosis with Polyangiitis Avanti Gulhane, MD
ession I
: Akos Varga-Szemes, MD
Compressed Sensing Motion Corrected Cine Imaging in Cardiac MRI Jay Bisen
ning MRI Analysis of Cardiac Mechanical Dyssynchrony Rahul Chandrupatla
or Validation of a CNN Algorithm for Calcium Score Marly van Assen
Health Care Disparity
: Elsie Nguyen, MD, FRCPC, FNASCI
ties in Cardiac Imaging Gautham Reddy, MD, MPH
it Exhibits - Superior C
genital Heart Disease
s: Monesha Gupta, MD and Mauricio Stanzione Galizia, MD
horacic Aortic Disorders Gauri Rani Karur, MD
Complex Congenital Heart Defects in Adults Santosh Uppu, MD
Surveillance in CHD: Important Questions to Address Sowmya Balasubramanian, MD
n Post-Operative Imaging of Conduits and Baffles Arash Bedayat, MD
e Failing Fontan Felipe Torres, MD, PhD
ENT Pediatrics Track - Superior B Session I: Applications of Myocardial Tissue Characterization, Strain & Artificial Intelligence
s: Nazia Husain, MD and Luana Stanescu, MD
ardiac Tumors Mark Ferguson, MD
tric Cardiac Imaging Vivek Muthurangu, MD, PhD
Diagnosis and Management of Genetic Cardiomyopathies Sean Lang, MD
Diagnosis and management of Genetic Cardiomyopatines Sean Lang, MD
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ONDAY, SEPTEMBER 12, 2022 CONTINUED		
2:30 pm – 2:15 pm	International Session- Ischemic Heart Disease	
	Moderators: Quynh Truong, MD and Elena Pena, MD	
12:30 pm	AHA/ACC Chest Pain Evaluation Guidelines and Implications for Clincial Practice Rodrigo Salgado, MD, PhD	
12:45 pm	Pericoronary Fat: What Does it Mean? Jung Im Jung, MD, PhD	
1:00 pm	Parametric Mapping, 4D Flow and Strain in the Comprehensive Evaluation of Ischemic Cardiomyopathy Jose Gutierrez, MD	
1:15 pm	Diagnostic Accuracy and Prognostic Value of Calcium Scoring in Non Gated Chest CT Camila Maria Urzua Fresno, MD	
1:30 pm	Updates in CT-FFR Riccardo Budde, MD	
1:45 pm	Updates in CT-Perfusion Sung Min Ko, MD	
2:00 pm	Q&A	
2:30 pm – 2:00 pm	CONCURRENT Pediatrics Track - Superior B	
	Pediatric Session 2: Imaging and Management of Congenital Heart Disease	
	Moderators: Randolph Otto, MD and Erin Romberg, MD	
12:30 pm	Multimodality Imaging of MAPCAS Frandics Chan, MD, PhD	
12:50 pm	Percutaneous Pulmonary Valve Interventions in TOF Shae Merves, MD	
1:10 pm	TOF- What the Surgeons Wants to Know Sadaf Bhutta, MBBS	
1:30 pm	4D Flow in Congenital Heart Disease Mark Fogel, MD	
1:50 pm	Q & A	
2:15 pm – 2:45 pm	Break – Visit Exhibits - Superior C	
2:45 pm – 4:15 pm	Cardiovascular Disease in Women	
	Moderators: Joan Lacomis, MD, FNASCI, FACR and Amar Shah, MD	
2:45 pm	Highlights of the SCMR Position Statement on Role of CMR for Heart Disease in Women Karen Ordovas, MD, MAS	
3:00 pm	Sex, Ethnic and Racial Differences in Atherosclerosis Navneet Singh, MD	
3:15 pm	Women in Cardiac Imaging: Is it Still a Man's World? Cristina Fuss, MD	
3:30 pm	Cardiovascular Imaging in Pregnancy Diana Litmanovich, MD	
3:45 pm	Sex-specific Cardiovascular Risk Factors Julia Alegria, MD	
4:00 pm	Q&A	
2:45 pm – 4:00 pm	CONCURRENT Pediatrics Track - Superior B	
	Pediatric Session 3: Anatomy & Physiology of Congenital Heart Disease	
	Moderators: Markus Renno, MD, MPH, FAAP and Mohamed Sayyouh, MD	
2:45 pm	Heterotaxy Syndrome: When Two Rights Make a Wrong Katherine Kaproth-Joslin, MD, PhD	
3:00 pm	Single Ventricle Physiology Dhiraj Baruah, MD	
3:15 pm	Left Ventricular Outpouchings & Anomalies Lindsay Arthur, MD	
3:30 pm	Coronary Artery Anomalies Shaimaa Fadl, MD	
3:45 pm	Q & A	



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	IBER 13, 2022
6:30 am – 4:30 pm	Registration/Information Desk Open - Superior Foyer
7:00 am – 8:00 am	Breakfast - Superior C
7:00 am – 7:30 am	Case of the Day Presentations
	Moderator: Daniel Vargas, MD, FNASCI
7:00 am	Look Again: It's Not Apical HCM! Jiun-Yiing Hu, MD, MSc
7:10 am	A Mystery in the Mediastinum Paul Sathiadoss, MD, DNB
7:20 am	LV Intramyocardial Dissecting Hematoma Julia Jacob, MD
7:30 am – 8:00 am	Scientific Session II Moderator: Ahmed Gharib, MD
7:30 am	Combined PET/MRI vs Standard of Care Evaluation in Cardiac Sarcoidosis Constantin Marschner, MD
7:40 am	TTVR CT with Reduced Iodine Dose: Assessment of Feasiblility Anushri Parakh, MD
7:50 am	Prognostic Meta-Analysis: MRI vs PET in Cardiac Sarcoidosis Matthew Aitken, MD
8:00 am – 8:30 am	Cardiovascular Imaging in a Growing Health System: Early Lessons and Challenges Panelists: Bradley Allen, MD, MS and Sandeep Hedgire, MD
8:30 am – 10:00 am	Cutting Edge Technology
	Moderators: Asmaa Ahmed, MD, Jeremy Collins, MD
8:30 am	Photon Counting Applications in Cardiovascular CT Harold Litt, MD, PhD
8:45 am	Deep Learning Quantification of Myocardial Strain and Hemodynamics Albert Hsiao, MD, PhD
9:00 am	Role of Cinematic Rendering in Cardiovascular Imaging Stefan Zimmerman, MD
9:15 am	Advances in Cardiac PET-CT and PET-MR Adam Jacobi, MD
9:30 am	Q & A
10:00 am – 10:30 am	Break – Visit Exhibits - Superior C
10:30 am – 12:00 pm	Non-Ischemic Cardiomyopathy
	Moderators: Jean Jeudy, MD and Ranish Khawaja, MD
10:30 am	Arrhythmogenic Cardiomyopathy Prachi Agarwal, MD
10:45 am	Post Heart Transplant Cardiomyopathy Nikhil Goyal, MD
11:00 am	The Many Faces of Cardiac Amyloidosis Shaoxiong Zhang, MD
11:15 am	Cardiac Sarcoidosis: Multimodality Imaging Anil Attili, MD
11:30 am	Cancer Therapy Related Cardiac Dysfunction Christian Houbois, MD
11:45 am	Q & A
12:00 pm – 12:15 pm	Lunch and Learn
	Grab your lunch and head to the STR/NASCI Joint Session
12:15 pm – 1:30 pm	STR/NASCI Joint Session: Cardiothoracic Inflammatory/Infectious Conditions Moderators: Gregory Gladish, MD and Carole Dennie, MD, FRCPC, FNASCI
12:15 pm	Common Causes of Aortitis Sandeep Hedgire, MD
12:30 pm	Cardiopulmonary COVID Complications Nishant Parekh, MD
12:45 pm	Multisystem Inflammatory Syndrome in Children (MIS-C) and Vaccine Related Myocarditis Phillip Young, MD
1:00 pm	Imaging in Endocarditis: What Technique, When? Carole Dennie, MD, FRCPC, FNASCI
1:15 pm	Q & A
1:30 pm – 2:30 pm	Craziest Cases (non-CME)
	Moderators: Jacobo Kirsch, MD, MBA, FNASCI, FACR
1:30 pm	Introduction
1:35 pm	Case 1 - Robert Gilkeson, MD
1:45 pm	Case 2 – Amar Shah, MD
1:55 pm	Case 3 – Albert Hsiao, MD, PhD
2:05 pm	Case 4 – Mystery Guest
2:15 pm 2:30 pm – 2:45 pm	Vote Closing Remarks – Incoming NASCI President Phillip Young, MD

