

CARIM46 NASCI 46TH Annual Meeting

Price: \$650.00

Register: (866) 611-5599 or www.AmericanSeminar.com

**Special Association accreditation may vary. See website.*

CT/MR Basics Bootcamp - Jadranka Stojanovska, MD; Julian Wichmann, MD; Martin Willemink, MD, PhD; Gautham Reddy, MD, MPH, FNASCI; and Anil Attili, MD

Credentialing - What Do I Need for Cardiovascular CT and MR?; Patient Preparation and Safety; Common CT Protocols and Dose Optimization; Cardiac MRI: Basic Protocols; Structured Reporting of CT and MR; and Question and Answer

CA 20 - 01
RI

Case Based Bootcamp-More Common Indications for CT/MR - Satinder Singh, MD, FNASCI; Daniel Groves, MD; Elizabeth Lee, MD; Carole Dennie, MD, FRCPC, FNASCI; and Elena Pena Fernandes, MD

Adult Congenital Heart Disease; MR of Ischemic Heart Disease; Nonischemic Cardiomyopathies: A Case Based Approach; Left Ventricular Hypertrophy; and Right Ventricular Dilatation: Case Based Review.

CA 20 - 03
RI

Artificial Intelligence Panel Discussion - U. Joseph Schoepf, MD, FNASCI, FACR; Raym Geis, MD, FACR; Bibb Allen Jr, MD, FACR; Dorin Comaniciu, PhD; Felix Lau; and Albert Hsiao, MD, PhD

Artificial Intelligence in Cardiovascular Imaging: Friend or Foe - Panel Discussion

CA 20 - 05
RI

Case Based Bootcamp-Common Indications for CT/MR - Jill Jacobs, MD, FNASCI; Amar Shah, MD; Cheng Ting Lin, MD; Tami Bang, MD; and Joao Inacio, MD

Have You Met My Aunt Minnie? Interesting Cardiac Findings You Should Know!; Coronary Artery Variants in Origin and Termination; Coronary Artery Disease - Native Vessels; Evaluation of Coronary Bypass Grafts and Stents; Cardiac CT: Beyond the Coronaries Arteries; and Question and Answer.

CA 20 - 02
RI

Artificial Intelligence Bootcamp - Benoit Desjardins, MD, PhD; Carlo De Cecco, MD, PhD, FNASCI; Albert Hsiao, MD, PhD; and Moritz Albrecht, MD

Principles of Deep Learning in Radiology; Beyond the Buzzwords: Current Status, Challenges, and Opportunities of Artificial Intelligence in Cardiovascular Applications; Augmented Imaging (AI) Enhanced Workflows for Cardiac Imaging; and On-Site CT-FFR Applications - Feasibility and Practical Insights

CA 20 - 04
RI

Ischemic Heart Disease: New Frontiers - Leslee J. Shaw, PhD, FACC, FASNC, FAHA; Geoffrey Rubin, MD, FNASCI; David Bluemke, MD, PhD, MsB, FNASCI; and Juliano Fernandes

Imaging for Stable Ischemic Heart Disease in Large Clinical Trials; The Value of FFR-CT in Clinical Practice; Photon Counting CT: Potential Applications for Ischemic Cardiomyopathy; and Automated Quantitative Stress CMR in Routine Clinical Environment

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**International Session - Update on Non-Ischemic
Cardiomyopathy - Tae Hoon Kim, MD, PhD; Yeon
Hyeon Choe, MD, PhD; Luigi Natale, MD; Yoo Jin
Hong, MD; Monica Ocampo, MD; and Rozemarijn
Vliegenthart, MD, PhD, FNASCI**

Updates in Heart Failure with Preserved Ejection Fraction (HFpEF); MR Imaging of Cardiac Amyloidosis Updated; Update on Non-Ischemic Cardiomyopathy Hypertrophic Cardiomyopathy; Updates in Cardio-Oncology; Updates on Chagas Disease; and Is There a Role for CT in the Evaluation of Cardiomyopathy and Heart Failure?

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**Current Controversies - Rapid Fire Debates - U.
Joseph Schoepf, MD, FNASCI; Carlo De Cecco,
MD, PhD, FNASCI; Kate Hanneman, MD; and
Stefan Zimmerman, MD, FNASCI**

FFRct vs. CT Myocardial Perfusion: Which Should Be Incorporated Into Routine Clinical Practice?; and Should T1 Mapping Be Incorporated Into Clinical Practice

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**Pediatric Vertical Session - Sean Lang, MD; Diana
Bardo, MD, FNASCI; Sanjeev Aggarwal, MD; and
Rebecca Beroukhim, MD**

Pediatric Cardiomyopathies; Fetal Cardiac Imaging by MRI Using an External Gating Device; CMR Predictors of Outcomes in Hypertrophic Cardiomyopathy; and Update On Ebstein Anomaly

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**Cutting Edge Technology and AHA Session -
Elliott Fishman, MD; Elsie Nguyen, MD, FRCPC;
and Bradley Allen, MD**

Cinematic Rendering in the Heart; MR Elastography of the Heart; and No It's Not Strain. Myocardial Velocity Assessment Using Tissue Phase Mapping

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**Pediatric Session- Congenital Cardiac Imaging -
Prakash Masand, MD; Lorna Browne, MD,
FRCR; Christina Fuss, MD; Denver Sallee, MD;
Randolph Otto, MD; Taylor Chung, MD; and
Markus Renno, MD**

Imaging the Lymphatic System; CT and MRI Coronary Imaging in Children: How I Do It; Pulmonary and Systemic Venous Imaging: Pre and Post Intervention; Congenital Aortopathies: An Update; Complex Arch Anomalies; Interesting Flow Quantification Cases: How I Do It; and 3D Printing in Surgical Planning for Congenital Heart Disease

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**Pediatric Session: Single Ventricle - Rahul Rathod,
MD; Srikant Das, MD; Mark Fogel, MD, FNASCI;
and Christopher Francois, MD**

CMR for Interstage Single Ventricles: Pros and Cons; Catheter Angiography in Interstage Single Ventricle: Pros and Cons; MR Predictors of Outcome in Single Ventricles; and Fontan: Beyond the Heart

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Adult Congenital - Siddharth Jadhav, MD;
Sowmya Balasubramanian, MD, MSc; Karen
Lyons, MB, BCh, BAO, MRCPI, FFRSCI; S.
Bruce Greenberg, MD, FNASCI; Dianna Bardo,
MD, FNASCI; and Animesh Tandon, MD, MS

Imaging of Unrepaired CHD Presenting in Adults; CMR Predictors of Outcomes in Tetralogy of Fallot; Post-Operative Imaging of the Great Arteries; CT for Problem Solving in Adults with Congenital Heart Disease; Computational Flow Dynamics in Congenital Heart Disease; and Virtual Reality for Therapeutic Planning in Congenital Heart Disease.

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Structural Heart - Gregory Kicska, MD, PhD,
FNASCI; Jacobo Kirsch, MD, FNASCI; Eric
Williamson, MD, FNASCI; Prabhakar Rajiah,
MBBS, MD; and Daniel Ocazonez, MD

Pre TAVR Planning; Imaging Detection of TAVR Complications; CT of the Mitral Valve; Imaging in the Evaluation of Left Atrial Appendage Devices; and Transcatheter Pulmonary Valve Replacement.

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STR/NASCI Joint Session: Traumatic and Non-
Traumatic Acute Chest Pain - Carlos Restrepo,
MD; Dharshan Vummidi, MD, MRCP; Dominique
DaBreo, MD; Daniel Vargas, MD, FNASCI; Diana
Litmanovich, MD, FNASCI; and Abhishek
Chaturvedi, MBBS

Penetrating Cardiovascular Injury; Cardiovascular Causes of Acute Traumatic Chest Pain; Post Cardiac Surgery Complications; Myocardial Infarction with Normal Coronary Arteries (MINCA); Acute Aortic Syndrome or Something Else?; and CT for Acute Pericardial Emergencies

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Tumors, Infection and Inflammation - Prachi
Agarwal, MD, MS, FNASCI; Katherine Kaproth-
Joslin, PhD, MD; Bijan Bijan, MD; Jeremy
Collins, MD; Karen Ordovas, MD, MS, FNASCI;
and Robert M. Steiner, MD, FACC, FACR,
FNASCI

Tumors and Tumor-Like Conditions of the Heart: Radiology/Pathology Correlation; Tumors and Tumor-Like Conditions of the Pericardium: Radiology/Pathology Correlation; Diffusion Weighted Imaging In Myocarditis; Emerging Role of PET/MR in Inflammatory Cardiomyopathy; Imaging Cardiac Infections; and Coronary Artery Imaging: A Historical Perspective

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Challenging Patients, Challenging Conditions -
Harold Litt, MD, PhD, FNASCI; Alejandro
Zuluaga; Philip Young, MD, FNASCI; Tarun
Pandey, MD; Sasan Partovi, MD; Rachael
Edwards, MD; Tariq Hameed, MD; and Kimberly
Kallianos, MD

Imaging the Electrophysiology Patient: Arrhythmia and Implanted Devices; 3D LGE for Planning Ventricular Ablations; T2 Weighted Imaging of the Heart - Tips and Tricks; CMR Diastology and Strain Imaging in Cardiomyopathies; Cross-sectional Imaging in Left Ventricular Assist Device; RVAD/ECMO; Types, Indications and Imaging for Complications; CTA for TAVR Evaluation with Low Contrast Dose (<30 mL); and Ferumoxytol for Vascular Imaging in Renal Failure

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Peripheral Vascular - Nikhil Goyal, MD; Nagina
Malguria, MD; Christopher Francois, MD; and
Mayil Krishnam, MD

Imaging of Thoracic Endovascular Aortic Repair (TEVAR) - What Every Radiologist Should Know; Imaging of the Postoperative Aorta; 4D Flow MR Outside the Heart; and Tips and Tricks of Vascular MRA

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Craziest Cases - Sandeep Hedgire, MD; Jason Au, MD; Jeremy Collins, MD; and David Dombroski, MD

Craziest Cases 1-4

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Interesting Pediatric Cases - Mark Ferguson, MD; Sadaf Bhutta, MD, MBBS; Juan Carlos Muniz, MD; and Moesha Gupta, MD

Pediatric Cases 1 - 4

CA 20 - 20
RI

TAVR Workshop - Stefan Zimmerman, MD; Jean Judy, MD; and Amar Shah, MD

TAVR Workshop

CA 20 - 21
RI