104th Scientific Assembly
and Annual Meeting
Radiological Society of North America
McCormick Place, Chicago

November 25–30
Meeting.RSNA.org  #RSNA18
Accreditation and Designation Statements

The Radiological Society of North America (RSNA®) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The RSNA designates this live activity for a maximum of 99.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Commission on Accreditation of Medical Physics Education Program (CAMPEP) has approved the direct transfer of *AMA PRA Category 1 Credit™* to MPCEC on a credit-for-credit basis for medical physicists.

Corporate Symposium

Please refer to each course description in the online program to determine if CME credit is offered for the session. Instructions on claiming credit will be provided during the course. CME credit for the Corporate Symposia will be provided through a third party provider and not through RSNA.

Program information is subject to change. For the most up-to-date information, please use your Meeting App or visit Meeting.RSNA.org.
Walk Through The Week

SUNDAY, NOV 25, 2018

Case of the Day
Cardiac Sunday Case of the Day
Session ED002-SU . . . . . Case of Day, Learning Center

10:45 AM–12:15 PM
Scientific Papers Sessions
Science Session with Keynote: Cardiac (Coronary CTA: Flow and Fractional Flow Reserve)
Session SSA03 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S404AB

Science Session with Keynote: Cardiac (Nonischemic Cardiomyopathies)
Session SSA04 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S404CD

Nuclear Medicine (Chest and Cardiovascular Nuclear Imaging)
Session SSA16 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S505AB

11:00 AM–12:30 PM
Educational Courses
Teaching Congenital Heart Morphology with 3D Print Models
II: Understanding Surgical Procedures in Congenital Heart Diseases with Illustrations and 3D Print Models (Hands-on)
Course RCB11 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S401CD

12:30–1:00 PM
Posters and Exhibits: Discussions
Cardiac Sunday Poster Discussions
Session CAS-SUA . . . . . CA Community, Learning Center

1:00–1:30 PM
Posters and Exhibits: Discussions
Cardiac Sunday Poster Discussions
Session CAS-SUB . . . . . CA Community, Learning Center

2:00–3:30 PM
Educational Courses
Rapid Fire: 80 Cardiac Cases in 80 Minutes
Course RC103 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S406B

CTA for TAVR and Other Aortic Valve Replacements
Course RC112 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . N230B

The Best of RADIOLOGY in 2018: The Editors of RADIOLOGY Keep You Up to Date
Course RC124 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E353A

CTA from Head to Toe
Course RC131 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S503AB
4:00–5:45 PM
Plenary Sessions
Sunday Afternoon Plenary Session
Session PS12 . . . . . . . . . . . . . . . . . . . . . . . . . . Arie Crown Theater

MONDAY, NOV 26, 2018
Case of the Day
Cardiac Monday Case of the Day
Session ED002-MO . . . . . . . . . . . . . . . . . . . Case of Day, Learning Center

7:15–8:15 AM
Educational Courses
You Take the Red Pill-You Stay in Wonderland and I Show You How Deep the Rabbit Hole Goes (Case-based Competition)
Session SPDL20 . . . . . . . . . . . . . . . . . . . . . . . . . . . E451B

8:30–10:00 AM
Educational Courses
Cardiac CT Mentored Case Review: Part I (In Conjunction with the North American Society for Cardiovascular Imaging) (Interactive Session)
Course MSMC21 . . . . . . . . . . . . . . . . . . . . . . . . . . . S406A
Coronary CTA and Calcium Scoring
Course RC203 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E263

8:30 AM–12:00 PM
Educational Courses
Pediatric Series: Pediatric Chest/Cardiovascular Imaging
Course RC213 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E353B

10:30 AM–12:15 PM
Educational Courses
Cardiac CT Mentored Case Review: Part II (In Conjunction with the North American Society for Cardiovascular Imaging) (Interactive Session)
Course MSMC22 . . . . . . . . . . . . . . . . . . . . . . . . . . . S406A

10:30 AM–12:00 PM
Scientific Papers Sessions
Science Session with Keynote: Cardiac (Coronary Artery Disease: Practice and Prognosis)
Session SSC01 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S504CD
Cardiac (Myocardial Ischemia and Viability (MRI): I)
Session SSC02 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S502AB
Emergency Radiology (Thoracic, Cardiac and Vascular)
Session SSC04 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S504AB
12:15–12:45 PM
Posters and Exhibits: Discussions
Cardiac Monday Poster Discussions
Session CAS-MOA .... CA Community, Learning Center

12:45–1:15 PM
Posters and Exhibits: Discussions
Cardiac Monday Poster Discussions
Session CAS-MOB .... CA Community, Learning Center

1:30–3:00 PM
Educational Courses
Cardiac CT Mentored Case Review: Part III (In Conjunction with the North American Society for Cardiovascular Imaging) (Interactive Session)
Course MSMC23 .................................. S406A

3:00–4:00 PM
Scientific Papers Sessions
Cardiac (CTA: General Topics)
Session SSE03 ....................................... N229
Cardiac (MRI: General Topics)
Session SSE04 ....................................... N226

3:30–5:30 PM
Educational Courses
Cardiac CT Mentored Case Review: Part IV (In Conjunction with the North American Society for Cardiovascular Imaging) (Interactive Session)
Course MSMC24 .................................. S406A

TUESDAY, NOV 27, 2018
Case of the Day
Cardiac Tuesday Case of the Day
Session ED002-TU .... Case of Day, Learning Center

8:30 AM–12:00 PM
Educational Courses
Cardiac Series: Emerging Cardiovascular MR and CT Imaging Techniques
Course RC303 ......................................... E350

10:30 AM–12:00 PM
Scientific Papers Sessions
Cardiac (Coronary Atherosclerosis)
Session SSG02 ...................................... S104B
12:15–12:45 PM
Posters and Exhibits: Discussions
Cardiac Tuesday Poster Discussions
Session CAS-TUA . . . . . CA Community, Learning Center

12:45–1:15 PM
Posters and Exhibits: Discussions
Cardiac Tuesday Poster Discussions
Session CAS-TUB . . . . . CA Community, Learning Center

3:00–4:00 PM
Scientific Papers Sessions
Cardiac (Myocardial Disease)
Session SSJ03 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E353A
Science Session with Keynote: Cardiac (Oncology)
Session SSJ04 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E260

4:30–6:00 PM
Educational Courses
Nonischemic Cardiomyopathies: New Role of Cardiac MRI
Course RC403 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E350

WEDNESDAY, NOV 28, 2018
Case of the Day
Cardiac Wednesday Case of the Day
Session ED002-WE . . . . . . Case of Day, Learning Center

8:30–10:00 AM
Educational Courses
Essentials of Cardiac Imaging
Course MSES41 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S100AB
Read with the Experts (Cardiac Radiology) (Interactive Session)
Course RC503. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . N228

10:30 AM–12:00 PM
Scientific Papers Sessions
Cardiac (CT, MRI and PET: General Topics)
Session SSK03 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S102CD
Cardiac (Valves Imaging and Intervention)
Session SSK04 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S103AB

12:15–12:45 PM
Posters and Exhibits: Discussions
Cardiac Wednesday Poster Discussions
Session CAS-WEA . . . . . CA Community, Learning Center
12:45–1:15 PM
Posters and Exhibits: Discussions
Cardiac Wednesday Poster Discussions
Session CAS-WEB .... CA Community, Learning Center

3:00–4:00 PM
Scientific Papers Sessions
Cardiac (Anatomy)
Session SSM03. . . . . . . . . . . . . . . . . S102CD
Cardiac (Arrhythmia and Electrophysiology)
Session SSM04. . . . . . . . . . . . . . . . . S103AB

THURSDAY, NOV 29, 2018

Case of the Day
Cardiac Thursday Case of the Day
Session ED002-TH .... Case of Day, Learning Center

7:15–8:15 AM
Educational Courses
Hot Topic Session: Beyond FDG: Advancing PET Imaging of the Human Disease
Session SPSH50. . . . . . . . . . . . . . . . . E353A

8:30–10:00 AM
Educational Courses
Cardiac Imaging for Transcatheter Intervention Planning
Course RC603. . . . . . . . . . . . . . . . . S103CD
Advances in Cardiac Nuclear Imaging: SPECT/CT and PET/CT
Course RC611 . . . . . . . . . . . . . . . . . S504CD

10:30 AM–12:00 PM
Scientific Papers Sessions
Cardiac (Great Vessels and Cardiopulmonary Disease)
Session SSQ02. . . . . . . . . . . . . . . . . . . . S404AB
Science Session with Keynote: Cardiac (Coronary Artery Disease: CT and MR Techniques)
Session SSQ03. . . . . . . . . . . . . . . . . . . . S404CD
Molecular Imaging (Musculoskeletal, Gastrointestinal, Cardio)
Session SSQ12 . . . . . . . . . . . . . . . . . . . . S504CD

12:15–12:45 PM
Posters and Exhibits: Discussions
Cardiac Thursday Poster Discussions
Session CAS-THA .... CA Community, Learning Center
12:45–1:15 PM
Posters and Exhibits: Discussions
Cardiac Thursday Poster Discussions
Session CAS-THB . . . . . CA Community, Learning Center

3:00–4:00 PM
Educational Courses
Hot Topic Session: Cardiometabolic Imaging
Session SPSH51 . . . . . . . . . . . . . . . . . . . . . . . . . . E353C

4:30–6:00 PM
Educational Courses
Infections and Inflammatory Cardiac Disorders
Course RC703 . . . . . . . . . . . . . . . . . . . . . . . . . . . S402AB
Transpositions of the Great Arteries in Your Hands
(Hands-on)
Course RCB55 . . . . . . . . . . . . . . . . . . . . . . . . . . . S401CD

FRIDAY, NOV 30, 2018
8:30–10:00 AM
Educational Courses
MR Imaging in the Thorax
Course RC803 . . . . . . . . . . . . . . . . . . . . . . . . . . . E353C

Posters and Exhibits Discussions
(CME is available when the author is present for discussion during the lunch period)

SUNDAY, NOV 25, 2018
12:30–1:00 PM
Scientific Posters
Clinical and CT Angiographic Characteristics of Coronary Lesions that Later Progressed to Chronic Total Occlusion
CA200-SD-SUA1 . . . . . . . . . . . . . . . . . . . . . . . . . . Station #1
Development and Validation of Generalized Linear Regression Models to Predict Vessel Enhancement on Coronary CT Angiography Scans
CA202-SD-SUA3 . . . . . . . . . . . . . . . . . . . . . . . . . . Station #3
Machine Learning Based CT-FFR Integrating With Quantitative Myocardial Mass Subtended By Coronary Stenosis Outperforms Plaque Features for Predicting Hemodynamical Significance of Lesions
CA204-SD-SUA5 ............................ Station #5

Prevalence and Clinical Sequelae of Non-Ischemic Myocardial Enhancement Detected on Delayed Enhancement Cardiac CT
CA203-SD-SUA4 ............................ Station #4

Prognostic Value of Normal Coronary Diagnosed Using Coronary CT on Long Time Follow up of 10 Years
CA201-SD-SUA2 ............................ Station #2

12:30–1:00 PM
Education Exhibits
A Primer on Echocardiography and Cardiac Angiography for the Cardiothoracic Radiologist
CA162-ED-SUA6 ............................ Station #6

CAD-RADS®: Pushing the Limits
CA165-ED-SUA8 ............................ Station #8

Cut the Mustard: A Pictorial Review of Post-Surgical Anatomy in the Repair of Conotruncal Abnormalities
CA163-ED-SUA7 ............................ Station #7

1:00–1:15 PM
Scientific Posters
Diagnostic Accuracy of Fractional Flow Reserve Derived from Coronary CT Angiography for Detection of Lesion-Specific Ischemia: A Multi-Center Study
CA208-SD-SUB4 ............................ Station #4

Native True T1 Mapping for Non-Contrast Assessment of Myocardial Fibrosis in Patients with Cardiomyopathy; Correlation with Late Gadolinium Enhancement MRI
CA205-SD-SUB1 ............................ Station #1

Progression of Coronary Artery Calcification in Primary Chronic Glomerulo-Nephritis After Renal Transplantation
CA209-SD-SUB5 ............................ Station #5

Relationship between Texture Features of Myocardial Late Gadolinium Enhancement and Ventricular Tachyarrhythmias in Hypertrophic Cardiomyopathy
CA207-SD-SUB3 ............................ Station #3

The Effect on Left Ventricular Diastolic Function 12 Month After Renal Denervation: An Evaluation Based on Cardiac Magnetic Resonance Imaging
CA206-SD-SUB2 ............................ Station #2
1:00–1:30 PM
Education Exhibits
Cardiac MR in Pulmonary Hypertension: From Magnet to Bedside
CA161-ED-SUB7 ............................ Station #7
Cardiovascular Imaging in Pregnancy - An Update on Current Practice
CA167-ED-SUB8 ............................ Station #8

MONDAY, NOV 26, 2018
12:15–12:45 PM
Scientific Posters
2D/3D CMR-Tissue Tracking in the Assessment of Spontaneous T2DM Rhesus Monkeys with Isolated Diastolic Dysfunction
CA212-SD-MOA3 ............................ Station #3
Accuracy of RECHARGE Score Derived From Coronary CT Angiography versus Conventional Angiography for the Prediction of Successful Percutaneous Coronary Intervention in Patient with Chronic Total Occlusion
CA213-SD-MOA4 ............................ Station #4
Cardiac Magnetic Resonance Reveals Signs of Subclinical Myocardial Disease in Patients with Myotonic Muscular Dystrophy
CA211-SD-MOA2 ............................ Station #2
Compressed SENSE Single-Breath-Hold and Free-Breathing Cine Imaging for Accelerated Clinical Evaluation of Left Ventricle
CA214-SD-MOA5 ............................ Station #5
Diagnostic Performance of Intravoxel Incoherent Motion Diffusion-Weighted Imaging in the Assessment of the Dynamic Status of Myocardial Microvascular Circulation
CA210-SD-MOA1 ............................ Station #1
The Correlation Between Coronary Artery Calcification and Biochemical Risk Factors in Non-Dialysis Patients with Chronic Kidney Disease Using 16cm Wide-Detector Computed Tomography
CA216-SD-MOA7 ............................ Station #7
Unmodified, Autologous Adipose Tissue Derived Regenerative Cells Improve Cardiac Function, Structure and Revascularization in a Porcine Model of Chronic Myocardial Infarction
CA215-SD-MOA6 ............................ Station #6
12:15–12:45 PM
Education Exhibits
Fontan Circulation in Adults: What a Radiologist Needs To Know
CA164-ED-MOA8 .......................... Station #8

12:45–1:15 PM
Scientific Posters
A Comprehensive Comparison of Two Accelerated 4D-Flow Sequences in Healthy Volunteers Regarding Acquisition Time, Diagnostic Accuracy, Image Quality, and Importance of Eddy Currents Using the Software “Bloodline”
CA217-SD-MOB1 .......................... Station #1
Effect of Collateral Circulation on Left Ventricular Myocardial Strain in Patients with Coronary Artery Chronic Total Occlusion by Cardiovascular Magnetic Resonance Feature Tracking
CA221-SD-MOB5 .......................... Station #5
Effect of Long Term CPAP Usage on Cardiac Parameters Assessed with Cardiac MRI
CA219-SD-MOB3 .......................... Station #3
Pulsatile Lung Deformation Derived from Feature Tracking of Cardiac Cine Magnetic Resonance Imaging: Assessment of Systemic Sclerosis Related Pulmonary Fibrosis
CA218-SD-MOB2 .......................... Station #2
The Correlation Between Kidney Pathological Type and Coronary Artery Calcification in End-Stage Dialysis Patients Using 16cm Wide-Detector CT
CA223-SD-MOB7 .......................... Station #7
Usefulness of Strain Imaging During Stress-CMR with Adenosine Infusion for a Combined Perfusion-Contractility Evaluation in Detection of Myocardial Ischaemia and Viability
CA222-SD-MOB6 .......................... Station #6

12:45–1:15 PM
Education Exhibits
Pap in a Snap: All You Need to Know About Papillary Muscles
CA166-ED-MOB8 .......................... Station #8

1:00–1:15 PM
Scientific Posters
Non-Ischemic Myocardial Fibrosis: Diagnostic Performance of Delayed Enhancement Cardiac CT in Comparison with Late Gadolinium Enhancement Cardiac MRI
CA220-SD-MOB4 .......................... Station #4
TUESDAY, NOV 27, 2018

12:15–12:45 PM
Scientific Posters
Cardiac Magnetic Resonance T1 Mapping in Adolescent and Young Adult Survivors of Childhood Cancers
CA230-SD-TUA7 . . . . . . . . . . . . . . . . . . . . . . . Station #7

Cardiac MRI (CMR) Strain Parameters in Determining the Need for Cardiac Re-Interventions in Patients with Repaired Tetralogy of Fallot (TOF)
CA227-SD-TUA4 . . . . . . . . . . . . . . . . . . . . . . . Station #4

Cardiac T1, T2 and T2* Mapping: Intersegmental, Interregional and Inter-level Reproducibility
CA228-SD-TUA5 . . . . . . . . . . . . . . . . . . . . . . . Station #5

Evaluation of Gravity Effect on Inferior Vena Cava and Abdominal Aortic Flow Using Multi-Posture MRI
CA225-SD-TUA2 . . . . . . . . . . . . . . . . . . . . . . . Station #2

MR Black Blood Thrombus Imaging in the Detection of Lower Extremity Vein using Optimized 3D FSE Sequence
CA226-SD-TUA3 . . . . . . . . . . . . . . . . . . . . . . . Station #3

Preliminary Evaluation of Main Pulmonary Artery Changes in Chronic Mountain Sickness Patients with Phase Contrast MR Imaging
CA224-SD-TUA1 . . . . . . . . . . . . . . . . . . . . . . . Station #1

Quantitative Evaluation of Monoexponential High B Value DWI in Cardiac Tumors
CA236-SD-TUA8 . . . . . . . . . . . . . . . . . . . . . . . Station #8

Radiomics of Coronary Artery Calcium in the Framingham Heart Study
CA229-SD-TUA6 . . . . . . . . . . . . . . . . . . . . . . . Station #6

12:45–1:15 PM
Scientific Posters
Changes of Left Ventricular Myocardial Strain in Acute ST-Elevation Myocardial Infarction Patients before Left Ventricular Remodeling and Its Relation to Microvascular Obstruction: A CMR Feature Tracking Study
CA235-SD-TUB5 . . . . . . . . . . . . . . . . . . . . . . . Station #5

Impact of Virtual Monoenergetic Image Types on Image Quality of Late Iodine Enhancement with Dual-Layer Spectral CT in Patient with Hypertrophic Cardiomyopathy (HCM)
CA233-SD-TUB3 . . . . . . . . . . . . . . . . . . . . . . . Station #3

Influence of Readers’ Experience on the Classification Performances of the Deep Neural Network (DNN) for Classifying Myocardial Delayed Enhancement on Cardiac MRI
CA231-SD-TUB1 . . . . . . . . . . . . . . . . . . . . . . . Station #1
Risk Factors of Coronary Artery Calcification in Chinese Children With Chronic Kidney Disease
CA237-SD-TUB6 .......................... Station #6

Utility of Dual-Energy CT for Assessment of Myocardial Fibrosis: Calculation of Extracellular Volume Fraction (ECV) Using Measured Hematocrit versus Virtual Hematocrit
CA234-SD-TUB4 .......................... Station #4

Validation of Deep Learning Technique for Quantification of Cardiac Left Ventricle
CA232-SD-TUB2 .......................... Station #2

12:45–1:15 PM
Education Exhibits
Fluoroscopic Anatomy of the Heart: Comprehensive Understanding with Endocast Imaging and Virtual Dissection Imaging
CA168-ED-TUB7 .......................... Station #7

Tutorial for Myocardial Perfusion CT
CA170-ED-TUB8 .......................... Station #8

WEDNESDAY, NOV 28, 2018
12:15–12:45 PM
Scientific Posters
Diagnostic Value of Global Cardiac Strain in Patients with Myocarditis
CA242-SD-WEA5 .......................... Station #5

Interobserver Agreement of Virtual Transcatheter Heart Valve to Coronary Distance in Aortic Valve-in-Valve Implantation
CA244-SD-WEA7 .......................... Station #7

Low Radiation Dose Cardiac Computed Tomography for Left Atrium and Pulmonary Vein Imaging Using a New Protocol Based on Contrast-to-Noise Ratio
CA240-SD-WEA3 .......................... Station #3

Patients with Atrial Fibrillation Mediated Left Ventricular Systolic Dysfunction Do Not Have Left Ventricular Fibrosis
CA241-SD-WEA4 .......................... Station #4

Pitfall of Preoperative CT Information on Aortic Valvuloplasty – Analysis of Measuring Methods Intended to Comprehend Risk Factors in Image Processing and Improve the Procedure
CA239-SD-WEA2 .......................... Station #2

The Devil Is In the detail: Prognostic Factors in CT of Chronic Aortic Dissection
CA238-SD-WEA1 .......................... Station #1

The Effects of Snapshot Freeze in Improving Image Quality of Coronary CTA among Patients with Different Heart Rates
CA243-SD-WEA6 .......................... Station #6
12:15–12:45 PM
Education Exhibits
Left Ventricular Outflow Tract: A Complete Review of Imaging Related Anatomy, Pathology, and Surgical Techniques
CA172-ED-WEA8.................................. Station #8

12:45–1:15 PM
Scientific Posters
Analysis of the Anatomical Features of Pulmonary Veins on Pre-Procedural Cardiac CT Images Resulting in Incomplete Cryoballoon Ablation for Atrial Fibrillation
CA248-SD-WEB4................................. Station #4

CT-Derived 3D Strain for Cardiac Resynchronization Therapy in Patients with Congenital Corrected Transposition of the Great Arteries
CA245-SD-WEB1................................. Station #1

Employing Artificial Intelligence to Predict Hematocrit Values from Non-Contrast CT Imaging Data—Towards Fully Automated CT-derived Myocardial Extracellular Volume Fraction Quantification
CA250-SD-WEB6................................. Station #6

The Effect of Motion Correction Algorithm at Low Energy Level of Virtual Monochromatic Images in Coronary CT Angiography with Fast kVp Switching Dual-Energy CT
CA246-SD-WEB2................................. Station #2

Venous Air Embolism in CT Coronary Angiography
CA247-SD-WEB3................................. Station #3

THURSDAY, NOV 29, 2018
12:15–12:45 PM
Scientific Posters
Automatic Segmentation of Lung Volumes in Population-based Whole-Body MR Imaging: Association with Subclinical Cardiac Impairment
CA256-SD-THA5................................. Station #5
Coronary Artery to Pulmonary Artery Fistula in Adults: Comparison of 256-Slice MDCT Coronary Angiography and Transthoracic Echocardiography

Does the Tube Voltage Affect the Characterization of Coronary Plaques on 100- and 120-kVp CT Scans

Free-Breathing Coronary CT Angiography Using 16-Cm Wide-Detector for Challenging Patients: Comparison with Invasive Coronary Angiography

Long-Term Prognostic Value Coronary Artery Calcium in Heart Transplant Patients

12:15–12:45 PM

Education Exhibits
Cardiac MRI in Patients with Cardiac Arrhythmias - Practical Tips and Tricks

Getting to the Heart of Eponyms

Uncommon Connections in Cardiac CT

12:45–1:15 PM

Scientific Posters
CT-Detected Complications after Cardiac Transplantation: Differences between Patients with and Without Bridge to Transplantation

Evaluation of Coronary Plaque Using Effective Atomic Number in Coronary CT Angiography with Fast kVp Switching Dual-Energy CT: Influence of Intracoronary CT-Attenuation

Machine Learning to Evaluate Atherosclerotic Plaque Composition by Coronary CT: Validation with IB-IVUS

Prognostic Value of Coronary CT Angiography (CCTA) in Heart Transplant Patients

The Feasibility of an Ultra-Low Dose Contrast Agent Administration Protocol in CCTA for Patients with Renal Insufficiency
12:45–1:15 PM

Education Exhibits

Mapping the MAPCAs with Dual Source CT: What Do the Cardiothoracic Surgeons Want to Know?
CA171-ED-THB7  . . . . . . . . . . . . . . . . . . . . . . . Station #7

Pathologic Entities That May Affect the Lungs and the Myocardium: Keys for Diagnosis and Prognosis with Chest CT and Cardiac MR
CA176-ED-THB6  . . . . . . . . . . . . . . . . . . . . . . . Station #6
# Education Exhibits

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<td>CA100-ED-X</td>
<td>Fat in the Heart: Defining the Spectrum of Conditions by Cardiovascular MRI</td>
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<td>CA101-ED-X</td>
<td>Myocardial Infarction with Normal Coronary Arteries (MINCA): Potential Etiologies and Imaging Findings</td>
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<td>CA102-ED-X</td>
<td>Cardiac MR Evaluation of Benign Masses and Mass-Mimicking Lesions</td>
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<td>CA103-ED-X</td>
<td>1H-Magnetic Resonance Spectroscopy for Metabolic Imaging of Myocardial Triglyceride Content: How 'To Do' It</td>
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<td>CA104-ED-X</td>
<td>Demystifying Coronary Bypass Grafts Using MDCT</td>
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<td>Go with the Flow: Multimodality Imaging of Cardiovascular Shunts</td>
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<td>Coronary CT Angiography with Wide Coverage Detector: How to Optimize Contrast Injection and Scan Protocol Based on Patient Size to Reduce Contrast and Radiation Doses</td>
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<td>CA107-ED-X</td>
<td>Cardiac Conduction Devices in Imaging: Simple but Easily Overlooked</td>
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<td>Don't Strain Yourself: Strain and Multimodality Imaging in Cardiac Amyloidosis</td>
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<td>What Radiologists Need to Know About the Utility of Detector-Based Spectral CT Imaging for Cardiovascular Disease</td>
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<td>CA110-ED-X</td>
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<td>CA111-ED-X</td>
<td>The Ability of the Acute Infarct Extracellular Volume Mapping to Quantify Myocardial Area at Risk of a Non-ST Elevation Myocardial Infarction by 320-Slice CT</td>
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