



**RSNA 2007**  
CONNECTING RADIOLOGY

# Cardiac Radiology

SUBSPECIALTY CONTENT BROCHURE

**Radiological Society of North America**  
93rd Scientific Assembly and  
Annual Meeting

November 25–30, 2007  
McCormick Place, Chicago

*RSNA2007.RSNA.org*



Subspecialty content brochures organize the components of the annual meeting by subjects that correspond to radiologic subspecialties. We hope this brochure, along with the meeting program, helps to enrich and ease your experience at RSNA 2007.

## **RSNA Annual Meeting CME Information**

RSNA® is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

RSNA designates this educational activity for a maximum of 85.75 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

## **Syllabus**

**SYLLABUS** = Syllabus available for purchase at the Education Store in RSNA Services, Lakeside Center, Level 3 or at Booth 1200, South Building, Hall A.

## **Sunday, November 25, 2007**

### **10:45-12:15 Scientific Paper Sessions**

Cardiac (CT) (Session SSA22) (S502AB)

Cardiac (MR) (Session SSA23) (S503AB)

### **2:00-3:30 Refresher Course**

Cardiac MR Imaging: From Physics to Protocols (Course RC103) (S406B)

## **Monday, November 26, 2007**

### **8:30-10:00 Multisession Course**

Cardiac CT Mentored Case Review: Part I (In Conjunction with the North American Society of Cardiac Imaging) (Course MC21) (S406A)

### **Refresher Courses**

One-Stop Shopping with Cardiac Imaging: CT or MR? (Course RC203) (E451B)

Update Course in Diagnostic Radiology Physics: Multidimensional Image Processing, Analysis, and Display—Computer-aided Diagnosis in Cardiothoracic Imaging (Course RC232) (S403A)

**SYLLABUS**

**10:30-12:00 Scientific Paper Sessions**

Cardiac (CT) (Session SSC19) (S502AB)

Cardiac (MR) (Session SSC20) (S503AB)

**10:30-12:15 Multisession Course**

Cardiac CT Mentored Case Review: Part II (In Conjunction with the North American Society of Cardiac Imaging) (Course MC22) (S406A)

**1:30-3:05 Multisession Course**

Cardiac CT Mentored Case Review: Part III (In Conjunction with the North American Society of Cardiac Imaging) (Course MC23) (S406A)

**3:00-4:00 Scientific Paper Sessions**

Cardiac (CT) (Session SSE21) (S502AB)

Cardiac (MR) (Session SSE22) (S503AB)

Cardiac (Multimodality) (Session SSE23) (S504ABC)

**3:30-6:00 Multisession Course**

Cardiac CT Mentored Case Review: Part IV (In Conjunction with the North American Society of Cardiac Imaging) (Course MC24) (S406A)

**Tuesday, November 27, 2007**

**8:30-10:00 Refresher Course**

Emergency Room Evaluation of Acute Chest Pain (Course RC303) (E450A)

**10:30-12:00 Scientific Paper Sessions**

Cardiac (MR) (Session SSG20) (S503AB)

ISP: Cardiac (CT) (Session SSG19) (S502AB)

Physics (Cardiac/Thoracic/Skeletal CAD) (Session SSG12) (S401AB)

**3:00-4:00 Scientific Paper Sessions**

Cardiac (CT) (Session SSJ22) (S502AB)

Cardiac (MR) (Session SSJ24) (S504ABC)

Cardiac (Multimodality) (Session SSJ23) (S503AB)

**4:30-6:00 Refresher Courses**

Resident Training: Hot Topics (Course RC402) (S504ABC)

What Every Radiologist Needs to Know about the Coronary Arteries (Course RC403) (E450B)

## Wednesday, November 28, 2007

### 8:30-10:00 **Multisession Course**

Controversies in Screening: Breast, Cardiac, Chest, and Virtual Colonoscopy (Sponsored by the Associated Sciences Consortium) (Course AS41) (N230)

### **Refresher Courses**

3D Visualization Applications for Cardiac Imaging (Hands-on Workshop) (Course RC553) (1300 Advanced Imaging Classroom)

Cardiac MR and CT: Read Cases with the Experts (An Interactive Session) (Course RC503) (E353C)

### 10:30-12:00 **Scientific Paper Sessions**

Cardiac (CT) (Session SSK20) (S502AB)

ISP: Cardiac (MR) (Session SSK21) (S503AB)

Physics (Cardiac CT) (Session SSK15) (S401CD)

### 1:30-2:45 **Multisession Course**

Molecular Imaging: Cardiovascular Imaging (Course MI43) (S504ABC)

### 3:00-4:00 **Scientific Paper Sessions**

Cardiac (CT) (Session SSM23) (S502AB)

Cardiac (MR) (Session SSM24) (S503AB)

Pediatric (Cardiac) (Session SSM16) (N229)

## Thursday, November 29, 2007

### 8:30-10:00 **Refresher Courses**

3D Visualization Applications for Cardiac Imaging (Hands-on Workshop) (Course RC653) (1300 Advanced Imaging Classroom)

CT of Coronary Artery Disease (How-to Workshop) (Course RC651) (E261)

New Developments in SPECT and PET of the Heart (Course RC603) (N230)

### 10:30-12:00 **Multisession Course**

Case-based Review of Magnetic Resonance: Cardiovascular (In Conjunction with the International Society for Magnetic Resonance in Medicine) (Course CM52) (S100AB)

## Scientific Paper Sessions

Cardiac (CT) (Session SSQ21) (S503AB)

Nuclear Medicine (Cardiovascular) (Session SSQ06) (E353C)

### 4:30-6:00 Refresher Courses

Categorical Course in Diagnostic Radiology: Clinical PET and PET/CT Imaging—Clinical Cardiac PET/CT (Course RC711) (N228)

Coronary Artery CT and CT Angiography (Course RC703) (E450A)

## Friday, November 30, 2007

### 8:30-10:00 Refresher Courses

Multidetector CT of Pulmonary Arteries, Heart, and Thoracic Aorta (An Interactive Session) (Course RC801) (E353B)

The Heart on Chest Radiographs and CT Scans: Practicalities of Daily Interpretation (Course RC803) (E450A)

### 10:30-12:00 Scientific Paper Session

Cardiac (CT) (Session SST18) (S503AB)

## Education Exhibits

Space No.	Exhibit Title
LL-CA2501	How to Evaluate for Arrhythmogenic Right Ventricular Dysplasia (ARVD) Using Multidetector Computed Tomography (MDCT)
LL-CA2502	Cardiac Magnetic Resonance Imaging of Non-ischemic Cardiomyopathy
LL-CA2503	Imaging of Infective Endocarditis: Appearance of Cardiac and Non-cardiac Manifestations in 64-Detector Row Computed Tomography
LL-CA2504	Three-Dimensional Demonstration of Aortic Stenosis by 64-row Multislice Computed Tomography: Comparison with Transthoracic Echocardiography and Intraoperative Findings
LL-CA2505	Magnetic Resonance Imaging in Cardiomyopathies: A Pictorial Essay
LL-CA2506	Cardiac MR Imagings in the Evaluation of Paradoxical Septal Motion by Various Causes

LL-CA2507	Impact of Trans-Ventricular Pressure on Interventricular Septal Motion (VSM): Cardiac MR Study
LL-CA2508	Patterns of Delayed Left Ventricular Myocardial Contrast-enhancement in the Differentiation of Non-ischemic Cardiomyopathies (NICM) in Cardiac MRI
LL-CA2509-H12	MR Imaging of Inflammatory Cardiac Diseases
LL-CA2510	Cardiac Calcification: Causes and Radiological Findings
LL-CA2511	The Role of Cardiac MRI in Patients with Heart Failure
LL-CA2512-B11	Single-breath-hold 3D Cine Cardiac MR Imaging with Two Types of Speed-up Techniques: SENSE and k-t BLAST
LL-CA2513-D11	Left Ventricular Noncompacted Cardiomyopathy: MRI Features with Histological Correlation
LL-CA2514	Heart of Stone: Cardiac and Vascular Calcifications
LL-CA2515	Left Ventricular Thrombi in MRI: Detection, Characterization, and Etiologies
LL-CA2516	Imaging in Chronic Heart Failure (CHF): Diagnosis, Devices, and Developments
LL-CA2517	Multidetector CT (MDCT) to the Service of the Electrophysiology Lab: The Left Atrium-Pulmonary Veins Complex (LA-PV) MDCT Evaluation before Percutaneous Radiofrequency Catheter Ablation (RFCA) in Atrial Fibrillation (AF) Patients: A Pictorial Essay
LL-CA2518	Usefulness of Cardiac-MRI at 1.5T in the Evaluation of Adult Patient Candidates to Cardiac Surgery
LL-CA2519	Normal and Abnormal CT Appearances of the Pericardium
LL-CA2520	Evaluation of Cardiac Dyssynchrony: Pathophysiology, Method of Treatment, and Radiological Imaging
LL-CA2521	Imaging the Complications of Cardiac Intervention: A Pictorial Essay
LL-CA2522	Imaging Findings of Adipose Tissue in and around the Heart: A Matter of Fat
LL-CA2523	Imaging of Cardiac Atria and Veins: Anatomy, Method of Visualization, and Clinical Impact
LL-CA2524	ECG-gated Cardiac MDCT in Pre-Operative and Post-Operative Evaluation of Orthotopic Heart Transplant Patients

LL-CA2525	Impact of Very High-Resolution Multislice CT on Cardiac Imaging
LL-CA2526	MDCT Cardiac Valve Assessment: A Pictorial Review
LL-CA2527-B12	Acute Coronary Syndrome with Angiographically Normal Coronary Arteries: What the Radiologist Should Know
LL-CA2528	Static and Dynamic MR Imaging of Pericardial Diseases
LL-CA2529	Should I Report This Cardiac Calcification?
LL-CA2530	Clinical Cardiac MRI at 3 Tesla: Advantages and Disadvantages
LL-CA2531-D12	Heart Failure, Biventricular Pacing, and Coronary Venous Imaging
LL-CA2532	Apical Septal Hypertrophy: The Real Prevalence
LL-CA2533	Method and Display Requirements for Cardiac Real-time 3D CT Fluoroscopy
LL-CA2534	Qualitative and Quantitative Magnetic Resonance Evaluation of Cardiac Shunts and Valvular Lesions Made Easy
LL-CA2535	Imaging of Cardiac Valve Disease: Do We Still Need Echocardiography?
LL-CA2536	Anomalies of Visceroatrial Situs
LL-CA2537-H11	MRI following Surgery for Congenital Cardiac Disease: What the Radiologist Needs to Know—Pictorial Review
LL-CA2538	MRI in Congenital Heart Disease in Adults: A Pictorial Review
LL-CA2539	Normal and Abnormal Post-operative Appearance of Surgically Corrected Transposition of the Great Arteries on MRI
LL-CA2540	Tetralogy of Fallot: A Continuum from Infancy to Adulthood
LL-CA2541	Time-resolved, Contrast-enhanced 3D MRA in Congenital Heart Disease: Radiological Illustrations with Relevant Correlation to Conventional Angiography, Cardiac Cine Images, and 3D CE-MRA
LL-CA2542	Cardiovascular Magnetic Resonance Imaging (CMR) of Conotruncal Anomalies
LL-CA2543	ALCAPA Syndrome: Not Just a Pediatric Disease

- LL-CA2544 3D Dual Source Cardiac CT and Endovascular Placement of Pulmonary Valves: A Review of Pulmonary Outflow Obstruction—Diagnostic Imaging Techniques and Endovascular Therapy
- LL-CA2545 Complex Coronary Arteriovenous Fistulas (CAVFs) in Adults: Protean MDCT Findings with Clinical and Conventional Angiographic Correlation
- LL-CA2546 Atrial Septal Defects: Subtle but Serious!
- LL-CA2547 The Value of Magnetic Resonance Imaging in the Assessment of Adult Patients with Surgically Corrected Transposition of the Great Arteries
- LL-CA2548 Late Sequelae of Adult Congenital Heart Disease: What the Clinician Wants to Know
- LL-CA2549 Imaging of Operated Congenital Heart Disease: How to Interpret Complicated Cardiac Anatomy
- LL-CA2550 Coronary Artery Anomalies in 1,000 Patients Undergoing 16, 40 and 64-MDCT
- LL-CA2551 CT Findings of Grown-Up Congenital Heart Disease
- LL-CA2552 MRI of Transposition of Great Arteries in Adults
- LL-CA2553 The Cardiac Cycle and 3D Motion of the Coronary Arteries: Impact on Coronary Computed Tomographic Angiography (CTA)
- LL-CA2554 Dual-Source Coronary CT Angiography: How We Do It
- LL-CA2555 How to Use “SnapShot Pulse”: Low-Dose Prospective Electrocardiograph (ECG)-triggered Coronary 64-slice CT Angiography (CTA)
- LL-CA2556 Application of “SnapShot Pulse” Prospective Electrocardiograph (ECG)-triggered 64-slice CT Angiography (CTA) Using 80kV to the Thoracic Aorta
- LL-CA2557 Combination of “SnapShot Pulse” Prospective Electrocardiograph (ECG)-triggered Coronary 64-slice CT Angiography (CTA) and Low Tube Voltage
- LL-CA2558 The Know-how to Apply an Appropriate Reconstruction Filtering in MSCT Coronary Angiography
- LL-CA2559 Non-stenotic Coronary Artery Abnormalities: ECG-gated Multi-detector Row CT Findings
- LL-CA2560 The Temporal Resolution of CT Coronary Angiography: Rotation Time and Temporal Resolution

- LL-CA2561 Multidetector CT Imaging of the Malignant Coronary Artery Anomalies
- LL-CA2562 How to Obtain Consistent Cardiac CT Image Noise for Patients of Different Sizes: Body Mass Index-based Tube Current Selection
- LL-CA2563 Dual Source Coronary CT Angiography: Insights into limitations, Artifacts, and Potential Solutions to Improve Image Quality and Reproducibility
- LL-CA2564 State-of-the-Art MDCT Coronary Angiographic Findings of Myocardial Bridging: A Pictorial Review
- LL-CA2565 Principles for Cardiac Helical CT Using Multidetector-row CT: From the Radiologist's Perspective
- LL-CA2566-R11 Clinical Experience with Whole-Heart Coronary MRA Using 3 Tesla: Comparison with 64-slice CTA
- LL-CA2567 Pulmonary Artery Enlargement is a Potential Cause for Symptomatic Compression of the Left Main Coronary Artery
- LL-CA2568-L12 Basic Interpretation of Conventional Coronary Angiography for Beginners: Correlation with Coronary CT Angiography Using ECG-Gated 64-Channel MDCT
- LL-CA2569 High Spatial-Resolution, Whole-Heart Viability Imaging, and Coronary MRA at 3 Tesla
- LL-CA2570 Clinical Impact of Coronary Digital Subtraction Angiography in Microvascular Angina
- LL-CA2571 The Clinical Significance of Myocardial Bridging: A Common Finding at MDCT Coronary Angiography
- LL-CA2572 Value of Hypoenhanced Myocardial Region Detected in MDCT-CA in Comparison with Other Diagnostic Tools to Predict Coronary Artery Disease
- LL-CA2573 64 MDCT ECG Gating in the Evaluation of Pre- and Post-operative Ascending Aorta: What Is Essential to Know and Necessary to Report?
- LL-CA2574-L11 Dobutamine and Adenosine Stress Cardiovascular MRI (CMR) in the Detection of Myocardial Ischemia: Current Status and Clinical Implementations
- LL-CA2575 Role of Cardiac-MRI at 1.5T in the Evaluation of the Ischemic Mitral Valve Regurgitation
- LL-CA2576 An Overview of MR Imaging of Myocardial Infarction after Successful Revascularization: Emphasis on Natural Course of Disease

LL-CA2577	Primer on Functional Cardiac Assessment by Multi-Detector Row Computed Tomography
LL-CA2578	Efficacy of CTCA, Rest and Stress Perfusion Study, and Late Enhancement Using 16- and 64-MSCT to Determine Therapeutic Strategy in Ischemic Heart Disease
LL-CA3001-B	Simulated Cardiovascular (CV) X-ray Imaging with Multi-detector Row CT (MD-CT) Data Sets for Electrophysiology Planning
LL-CA3002	Full-motion Stereo-visualization of Human in-Vivo Cardiac Anatomy: A Novel Technology That Facilitates Cardiac Surgical Planning and Virtual Surgery
LL-CA3003	Heart as a Source of Stroke: Imaging Evaluation with CT
LL-CA3004	Radiology-Pathology Correlation: Cardiac Amyloidosis
LL-CA3005	Endomyocardial Fibrosis: Review of Magnetic Resonance Imaging, Ventriculography, and Pathological Findings
LL-CA3006-H	Chagas Disease Cardiomyopathy: Pathophysiology and Clinical Applications of CMR
LL-CA3007	Audiovisual Education of Cardiac Valvular Pathology Using Cardiac MRI
LL-CA3008-D	Basic Principles of Cardiac Dual Source CT (DSCT): A Web-based Self-assessment Remote Learning Module for Residents
LL-CA3009	MDCT Data Acquisition and Study Interpretation Using 64-slice Coronary Artery CT: Literature Review and Results of a Nationwide Survey
LL-CA3010	An Approach to ECG Editing for Tachyarrhythmias in Cardiac CT Imaging
LL-CA3011	Non-invasive Evaluation of Atherosclerotic Plaque by Coronary CT: Pathophysiology, Imaging, and Clinical Implications
LL-CA3012	Influence of Body Mass Index and Stent Size on Whether the Patency of Drug Eluting and Bare Metal Stents Can Be Evaluated in Coronary Arteries by 64-Slice Computed Tomography
LL-CA3013	An Approach to Tachyarrhythmias Using the ECG Editor in Cardiac CT Imaging
LL-CA3014	Cardiac Disease in Patients with HIV: Atherogenesis, CT Coronary Calcium Assessment, and Spectrum of Incidental Extracardiac Findings

LL-CA3015	Coronary Artery Fistulas: Correlation of Cross-sectional Imaging and Conventional Angiography
LL-CA3016	Usefulness of Stress Perfusion MRI with Continuous Adenosine Injection in Patients with Cardiac Diseases
LL-CA3017	Three-dimensional CT Angiography of Various Anomalous Pulmonary Venous Return: From Pathophysiology to Postoperative Evaluation
LL-CA3018-H	The Role of Diagnostic Imaging for the Identification and Prevention of Sudden Cardiac Death in Young Athletes
LL-CA3019	Understanding Cardiac Physiology on Chest Radiographs
LL-CA3020	Cardiovascular Magnetic Resonance Imaging in the Assessment of Carcinoid Heart Disease: A Pictorial Essay
LL-CA3021	Diastology: What the Radiologist Needs to Know
LL-CA3022	More than Just a Container for the Heart: Diagnostic Imaging and Percutaneous Interventions Involving the Pericardium and Pericardial Spaces
LL-CH3340	Can We Reduce Cardiac Pulsation Effect for Chest CT Imaging with ECG Non-Gated Helical Scanning?
LL-CH4738-D12	Cardiovascular Complications of Cocaine Abuse: Pathophysiology and Imaging Overview
LL-CH4739	Preoperative Assessment of Complex Aortic Valvular Disease Using Multislice CT
LL-CH4800	Incidental Cardiac Findings on Multislice Chest CT: A Pictorial Review
LL-CH4803	Unusual Causes of Pulmonary Hypertension: Computed Tomography and Pathologic Findings
LL-CH4821-R13	The New off Pump Multiple Vessel Coronary Artery Bypass Graft via Small Thoracotomy (MVST) Procedure: What You Need to Know
LL-ED1002	Cardiac Case of the Day Exhibit
LL-MS5110	Marfan Syndrome: Spectrum of Disease
LL-OB2717	MR Imaging of Fetal Heart and Vessels Using Balanced-steady State-free Precession Sequences
LL-VI6795	What Is the Most Useful Method for Evaluating the Maximum Radiation Dose to the Patient during Cardiac IVR?

## Scientific Posters

<b>Space No.</b>	<b>Poster Title</b>
LL-CA2001-B01	Primary Studies of ECG-Triggered High-Pitch Helical Cardiac Scanning Using 40mm Coverage Volume CT
LL-CA2002-B02	Hybrid Cardiac SPECT/64-slice CT Assessment of the Relationship between Clinically Significant Coronary Lesions/Stenoses and the Presence and Degree of Arterial Calcifications
LL-CA2003-B03	The Accurate Identification of Bicuspid Aortic Valve by Cardiac Magnetic Resonance Imaging: A Comparison with Transthoracic Echocardiography
LL-CA2004-B04	Magnetic Resonance Imaging Diagnosis of Cardiac Amyloidosis and Potential Estimation of Cardiac Amyloid Load by Use of a Cine-IR (Multi-TI Inversion Recovery) Sequence
LL-CA2005-B05	Non-compaction Cardiomyopathy of the Left Ventricle: The Role of Magnetic Resonance Imaging in Diagnosis, Classification, and Differential Diagnosis
LL-CA2006-B06	Comparison of Late Enhancement MR Imaging and <sup>99m</sup> Tc-Pyrophosphate Scintigraphy in Reperfused Acute Myocardial Infarction
LL-CA2007-B07	The Role of Magnetic Resonance Imaging in Diagnosis of Cardiac Tumors
LL-CA2008-B08	Myocardial Delayed Enhancement (DE): Time Course of Contrast-to-Noise Ratio (CNR) of Infarcted Myocardium (IM) to Non-infarcted Myocardium (NIM) and to Left Ventricle Cavity (LVC) after a Fractionated Single Dose (FSD) of Gd-BOPTA
LL-CA2009-B09	Functional Left Heart Evaluation in Patients with Cardiac Sarcoidosis under Therapy
LL-CA2010-B10	Prediction of Regional Functional Recovery after Acute Revascularized Myocardial Infarction in Segments Showing Intermediate Enhancement on MRI
LL-CA2011-D01	Radiation-induced Double-strand Breaks in Cardiac CT: First Results
LL-CA2012-D02	Macroscopic Fat Deposition within the Right Ventricular Wall in Asymptomatic Young Patients Undergoing Coronary Calcium Scoring Examinations
LL-CA2013-D03	Mixed Plaque Morphology, Left Coronary Calcification, and Right Coronary Movement Result in Interobserver Variability in Real-life MDCT Coronary Angiography

- LL-CA2014-D04 Quantification of Myocardial Perfusion by Contrast-enhanced 64-slice MDCT: Characterization Ischemic Myocardium
- LL-CA2015-D05 Effect of Heart Rate and Body Mass Index on Interscan Variability of Coronary Artery Calcium Scoring on Prospective ECG-triggered 64-slice CT
- LL-CA2016-D06 Utility of Transesophageal Echocardiography versus Multi-detector Computed Tomography in Detection of Intracardiac Thrombus in Patients Undergoing Catheter Ablation of Atrial Fibrillation
- LL-CA2017-D07 Matrix-Gla Protein Is Associated with Coronary Artery Calcification in Hemodialysis Patients
- LL-CA2018-D08 MDCT for Radiofrequency Catheter Ablation of Atrial Fibrillation: Evaluation of Pulmonary Venous Anatomy and Reverse Left Atrial Remodeling
- LL-CA2019-D09 Independent Predictors of Diagnostic Image Quality in Cardiac MDCT in Patients with Acute Chest Pain: Results from the ROMICAT Study
- LL-CA2020-D10 Relationships between the Contrast Transit Time from the Median Antebrachial Vein to the Coronary Artery and Peak Contrast-enhancement Values: Bolus-Tracking Method Using Two-Point ROI Detection in Cardiac CT
- LL-CA2021-H01 Radiation Dose, Image Quality, Measurement of Stenoses, and CT Densitometry Using Prospective Electrocardiograph-triggered Coronary 64-slice CT Angiography SnapShot Pulse: A Phantom Study
- LL-CA2022-H02 Variability of Coronary Artery Calcium Measurement and Radiation Dose on 64-slice and 16-slice CT by Prospective Electrocardiograph (ECG)-triggered and Retrospective ECG-gated CT
- LL-CA2023-H03 Detection of Myocardial Ischemia Using Contrast-enhanced 64-slice MDCT: Comparison with Stress/Rest Myocardial Scintigraphy
- LL-CA2024-H04 Metabolic Syndrome and Accelerated Atherosclerosis: From Clinical Data to Quantitative Arterial Involvement—An Emerging Application of Whole Body CT Angiography
- LL-CA2025-H05 Accuracy of Left Ventricular Function and Mass Quantification in Cardiac DSCT Exams
- LL-CA2026-H06 Dose Reduction and Image Quality Optimization in Cardiac Imaging with Multidetector Row Computed Tomography Using an Automatic Exposure Control System

- LL-CA2027-H07 Diagnostic Accuracy of 64-slice Computed Tomography in Detecting Three-Vessel Coronary Artery Disease: Potential Candidates for Coronary Artery Bypass Graft Surgery
- LL-CA2028-H08 How to Analyze Data Generated by Contrast-enhanced Multidetector Row Spiral Computed Tomography (MDCT) When the Outcome of Interest Is the Noninvasive Visualization of Coronary Artery Stenosis
- LL-CA2029-H09 Comparison of Z-Axis Automatic Tube Current Modulation Technique with Fixed Tube Current CT Scanning of Coronary Artery Using 64-channel MDCT
- LL-CA2030-H10 Use of PET and CT to Discriminate between Ischemic and Non-ischemic Cardiomyopathy
- LL-CA2031-L01 Quantification of Individual Coronary Artery Calcified Plaques as Measured by MSCT
- LL-CA2032-L02 Novel Contrast-injection Protocol for Coronary CT Angiography at 64-detector CT: Contrast-Injection Protocol Customized According to the Patient Time-Attenuation-Response
- LL-CA2033-L03 The Accuracy of Coronary Stenosis Measurement in 64-slice MDCT with Different Reconstruction Modes: A Preliminary Study Using a Pulsating Cardiac Phantom
- LL-CA2034-L04 Clinical Impact of 64-detector Row Whole Body CT Angiography in Patients with Inflammatory Arteritis (IA)
- LL-CA2035-L05 Clinical Impact of Whole body Computed Tomography Angiography (WB-CTA) in Patients with Suspected Coronary Artery Disease: Incremental Value of Total Atherosclerosis Burden Assessment
- LL-CA2036-L06 Is There Any Difference in Contouring Coronary Artery Non-calcified Plaque with Various Concentration Contrast Media at Coronary Computed Tomographic Angiography (CTA) Using 64-MDCT
- LL-CA2037-L07 Anatomic Variants of Coronary Artery Anatomy Diagnosed with Multidetector CT Angiography
- LL-CA2038-L08 Comparison of Retrospectively-gated 64-slice Coronary CT Angiography and Gated Thallium SPECT Stress Test in Evaluation of Coronary Artery Disease
- LL-CA2039-L09 Coronary Calcium Scores in Subjects with a Family History of Early Onset Coronary Artery Disease
- LL-CA2040-L10 Comparison of MRI Findings of Coronary Cusp Prolapse with Transthoracic Echocardiography

- LL-CA2041-R01 Assessment of Myocardial Bridges During Coronary CTA
- LL-CA2042-R02 Accuracy of Non-cardiac Gated Thoracic CT in Diagnosing Cardiac Tamponade
- LL-CA2043-R03 Effects of Contrast Osmolarity on Heart Rate During Coronary CT Angiography
- LL-CA2044-R04 Optimizing Image Quality for the Evaluation of Coronary Stent Stenosis with Dual Source Computed Tomography
- LL-CA2045-R05 Extent and Severity of Coronary Disease Defined by 64-slice CT Angiography Correlates with Framingham Risk Score in Asymptomatic Patients with Type 2 Diabetes Mellitus (DM)
- LL-CA2046-R06 Accuracy of Therapy Advice Based on the Results of Dual Source CT Coronary Angiography
- LL-CA2047-R07 Visualization of Non-stenotic Plaque Texture in Coronary Bypass Grafts with Multislice CT and Catheter Angiography
- LL-CA2048-R08 Prognostic Value of CT Coronary Angiography In a Large Population with Known or Suspected CAD
- LL-CA2049-R09 Right Ventricular Function and Pulmonary Flow Dynamics Late after the Ross Operation Assessed with MRI
- LL-CA2050-R10 Long-time Outcome Evaluation after Heart Apex Surgery via Cardiac MRI