

# 2<sup>nd</sup> Annual Scientific Meeting

of the

## Society of Cardiovascular Computed Tomography

### ***Oral Abstracts I: Practical Application of CT Coronary Angiography Abstracts 01-07***

#### **Costs and Clinical Outcomes Following Coronary Computed Tomography Angiography: A Matched Comparison to Myocardial Perfusion SPECT**

J.K. Min, F. Lin, L.J. Shaw, A. Legorreta, N. Kang, A. Gilmore

#### **Cost Savings of a Strategy Using Coronary CT Angiography vs. Cardiac Catheterization to Evaluate Patients with an Abnormal Stress Test**

S. Sola, Z.A. Fu, N.A. Obuchowski, M.J. Garcia

#### **Real World Application of Coronary Computed Tomography Angiography and Its Potential Impact on Downstream Resource Utilization in the Evaluation of Angina**

P.J. Devine, T.C. Villines, L.E. Sullenberger, D.R. Anderson DR, A.K. Malik, I.M. Feuerstein, A.J. Taylor

#### **Analysis of Appropriate Imaging Referrals Using Guidelines in Real World Practice: Cardiac CTA vs. SPECT Imaging**

M.Y. Shen, E. Dandes, N. Saxena, B. Kuo, A. Baig, C.A. Bonilla, V. Itty, S. Philips

#### **The State of Coronary Computed Tomography Angiography in the United States 2007: An Evidence Based Analysis of Clinical Appropriateness and Economic Impact**

J. Fine, M. Ridner, N. Wilke, J. Cole, T. Callister, P.R. Myers, L. Boxt

#### **Clinical Application of the 2006 Cardiac Computed Tomography Appropriateness Criteria**

M.Y. Chen, A.B. Jehle, R.A. Quaife

#### **Clinical Indications of Cardiac CTA: Guideline Comparison in a Real World Practice**

C.A. Bonilla, A. Baig, N. Saxena, E. Dandes, B. Kuo, T. Scridon, J. Nolan, V. Itty, S. Philips, M.Y. Shen

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D. Allie, C. Hebert, M. Lirtzman, C. Wyatt, A. Keller, R. Patlola, K. Veerina, C. Hammett,

S. Allie, E. Mitran, A. Allie, M. McElderry, J. Hebert, G. Laurich, K. Broussard, C. Walker

#### **Cardiac Computed Tomographic Angiography Pre-procedural Planning for Percutaneous Atrial Septal Defect Closure**

M.Y. Chen, A.J. Jehle, R.A. Quaife, J.D. Carroll

#### **Coronary CT Angiography in the Presurgical Assessment of Complex Aortic Valve Surgery**

R.C. Gilkeson, A.H. Markowitz, A. Aharon, A. Blitz, P.B. Sachs

#### **Pre-operative Assessment of Aortic Root Morphology Using Multidetector Computed Tomography in Patients Undergoing Percutaneous Aortic Valve Replacement**

M. Akhtar, E.M. Tuczu, S. Kapadia, L.G. Svensson, R. Greenberg, S. Halliburton, C. Halley, P. Schoenhagen, S. Sola

#### **Utility of Multidetector CT Angiography for Preoperative Planning in Patients Undergoing Redo Open Heart Surgery After Prior CABG**

A.R. Kamdar, T.A. Meadows, R.J. Curtin, S. Kuzmiak, J. Sabik, B.W. Lytle,

P. Schoenhagen, S.D. Flamm, M.Y. Desai

#### **Detection of the Entry of Stanford Type A Acute Aortic Dissection and Intramural Hematoma Using 64-Row Multislice Computed Tomography**

H. Niinuma, H. Yoshioka, A. Abiko, Y. Naganuma, S. Makita, R. Tanaka, T. Nakajima,

T. Kataoka, H. Okabayashi, M. Nakamura

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T. Pflederer, L. Rudofsky, A. Renz, U. Ropers, D. Ropers, W.G. Daniel, S. Achenbach

**A Prospectively-Gated Protocol Decreases Radiation Dose Without Sacrificing Image Quality in 64-detector Coronary CT Angiography**

J.H. Cole, N.M. Husain, S.H. Ahmed, J.W. Glass

**Prospectively Gated Coronary CT Angiography: An Evaluation of Effective Dose and Reliability in a Large Patient Group**

J. Earls, B. Urban, E. Berman, C. Curry, J. Lane, R. Jennings

**Impact of Different Dose Saving Algorithms on Radiation Dose Estimates of Cardiac Dual Source CT Angiography**

J. Hausleiter, T. Meyer, F. Hermann, M. Hadamitzky, E. Hendrich, S. Martinoff, A. Schömig

**Latest Clinical Breakthrough in Cardiac CT: Drastic Dose Reduction with SnapShot Pulse Mode on LightSpeed VCT XT**

J.L. Sablayrolles, J.M. Treutenaere, J. Feignoux, C. Jardin

**Initial High Radiation Dose in Startup CCTA Program Reduced to that of Invasive Angiography by a Modified Scanning Protocol**

S. Bhatti, A. Hakeem, M.S. Vanlysel, S. Reeder, M. Zasadil, J.G. Keevil

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J. Shirani, A.M. Zafari, S. Sarin, W.C. Roberts

**Does Coronary Artery Calcium Progress at Different Rates in Black vs. White Men? The PACC Rescan Project**

A.J. Taylor, J. Bindeman, K. Bauer, C. Byrd, H. Wu, P.G. O'Malley, I. Feuerstein

**Absolute Coronary Artery Calcium Scores Determined by the Agatston Method are superior to Percentiles in Predicting Obstructive Coronary Artery Disease**

K. Akram, S. Voros

**"Progressers and Non-Progressers" of Coronary Artery Calcification in a Treated Diabetic Population**

A. Gopal, N. Ahmadi, F. Hajsadeghi, B. Sarlak, K. Nasir, L. Loewinger, S. Shareghi, Y. Gao, S. Mao, E. Young, F. Flores, M.J. Budoff

**Homocysteine, Lipid Parameters and Inflammatory Markers Relationship to Advanced Coronary Atherosclerosis on CT**

M.J. Budoff, R. Lee, F. Hajsadeghi, N. Ahmadi, A. Gopal, F. Flores

**Association of Coronary Artery Calcium to the Presence of Aortic Valve Calcification using 64 Slice Cardiac Computed Tomography**

S. Azmoon, H. Madyoon, R. Ebrahimi, N.E. Lepor

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**Integrated Coronary CTA in an Office Based Cardiology Practice Reduces Myocardial Perfusion Imaging in the Setting of Increased Identification of CAD and Stable Office Economics – A First Year Experience**

R.P. Karlsberg, L.E. J. Thomson, J.D. Friedman, D.S. Berman, M.J. Budoff

**Differentiation of Total Occlusion and High-Grade Stenosis in Coronary CT Angiography**

S. Achenbach, D. Ropers, T. Pflederer, A. Renz, W.G. Daniel

**Functional Impact of Coronary Stenosis Observed in Coronary CTA: Role of <sup>13</sup>N-Ammonia PET**

E. Alexánder, C. Sierra, L. García Rojas, M. Rodríguez, P. Cruz, J. Talayero, M. Herrera, G. Meléndez, M. Armas, A. Meave

**Combined Assessment of Coronary Artery Stenosis and Myocardial Ischemia by Rest-Dipyridamole Stress Multidetector Computed Tomography**

P. Carrascosa, C. Capuñay, J. Carrascosa, A. Deviggiano, M.J. Garcia

**64-Detector Coronary CT Imaging for the Identification of Coronary Artery Stenoses in a “Real-World” Population**

A.N. Makaryus, S. Henry, L. Loewinger, L.M. Boxt

**Dual Source Versus Single Source Cardiac Computed Tomography Angiography: Comparison of Image Quality**

R. Donnino, J.E. Jacobs, J.V. Doshi, E.M. Hecht, D.C. Kim, J.S. Babb, M. Srichai

**Chest Pain in the Emergency Department: Evaluation by 64-Detector Cardiac CTA**

C.S. White, D. Kuo, E. Thorn, K. Read, T. Flukinger

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N. Ahmadi, K. Gul, F. Hajsadeghi, C. Jamieson, A. Gopal, M. Naghavi, M.J. Budoff

**Influence of Gender and Symptoms on the Performance of Coronary Artery Calcium Scores Determined by the Agatston Method in predicting Obstructive Coronary Artery Disease**

K. Akram, S. Voros

**Coronary Artery Calcium Score Predicts Global Left Ventricular Function in the Absence of Ischemia or Infarction: a Rubidium-82 PET-CT Study**

H. Jain, K. Brag, S. Zarich, B.V. Deepak, J.L. Meizlish, A.E. Schussheim

**The Utility of the Absence of Calcium in Predicting Cardiovascular Events in Asymptomatic Patients**

A. Sarwar, M.D. Shapiro, R.C. Cury, S. Abbara, R. Blumenthal, T.J. Brady, U. Hoffmann, K. Nasir

**Relationship Between White Blood Cell Count and Coronary Artery Calcification**

C. Ndumele, K. Nasir, R.D. Santos, J. Rivera, C. Campbell, B. Sarwar, R.S. Blumenthal

**Significance of Absence of Coronary Artery Calcium in Predicting Presence or Absence of Significant Coronary Luminal Stenosis.**

A. Sarwar, M.D. Shapiro, S. Abbara, R.C. Cury, R. Blumenthal, U. Hoffmann, T.J. Brady, K. Nasir

**Calcium Scoring by 64-Row Multidetector Computed Tomography Helps Identify Significant Coronary Stenosis for High-Risk Japanese Patients**

A. Sato, M. Cho, K. Takemura, H. Yoshie, T. Moriai, R. Kataoka

**Coronary Calcium Score Zero and Severity of Coronary Lesions**

P. Sepúlveda, D. Martínez, C. Varela, A.M. Afani, P. Azocar, R. González

**Relationships of Aortic Wall Calcification to Cardiovascular Risk Factors: the Multi-Ethnic Study of Atherosclerosis**

J. Takasu, R. Katz, K. Nasir, J.J. Carr, N. Wong, R. Detrano, M.J. Budoff

**Quantification of Epicardial Fat Using Cardiac Multi-Slice Computed Tomography**

S. Sarin, C. Wenger, A. Marwaha, A. Qureshi, D. Go, K. Woomert, K. Clark, L.A. Nassef, J. Shirani

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S.A. Abramson, S.Z. Smazal, J.K. Kelly

**The Prevalence of Anomalous Origin of Coronary Artery: a Multi-Center Study**

Y. Zeng, S.L. Mendelsohn, N. Karimjee, R. Day, M. Poon

**Prevalence of Myocardial Bridging in 64-row MDCT Coronary Angiographic Studies.**

P. Carrascosa, C. Capuñay, A. Deviggiano, J. Carrascosa, M.J. Garcia

**Prevalence and Distribution of Myocardial Bridging of the Coronary Arteries by Coronary CT Angiography vs. Invasive Coronary Angiography**

B. Babu, J. Galla, M.Y. Desai, S. Sola

**Coronary Computed Tomography Angiography Findings in Takayasu Arteritis**

A. Meave, M. Soto, M. Herrera, G. Meléndez, M. Armas, C. Sierra, L. García Rojas,

M. Rodríguez-Valero, P. Cruz, J. Talayero, E. Kimura, P. Reyes, E. Alexanderson

**Assessment of Coronary Artery Disease in Patients with Aortic Valve Stenosis: A Comparative Study of Coronary Computed Tomography Angiography and Coronary Angiography**

A. Meave, G. Meléndez, M. Herrera, M. Armas, C. Sierra, L. García Rojas,

M. Rodríguez-Valero, P. Cruz, J. Talayero, E. Kimura, E. Alexanderson

**Intermediate Coronary Artery Stenoses Detected by 64-Slice Multidetector Computed Tomography are Truly Non-Flow Limiting as Confirmed by Invasive Measurements of Fractional Flow Reserve**

K. Akram, R. O'Donnell, J. LaCorte, K. Christian, S. Voros

**Practicality of Implementing Cardiac CT Appropriateness Criteria in Clinical Practice**

A. Baig, C.A. Bonilla, E. Dandes, N. Saxena, B. Kuo, T. Scridon, C. Scridon, V. Itty, S. Philips, M.Y. Shen

**Optimal Viewing Angles for Coronary X-Ray Angiography Based on CTA Data**

P.H. Kitslaar, H.A. Marquering, J.W. Jukema, G. Koning, M. Nieber, A.M. Vossepoel, J.J. Bax, J.H.C. Reiber

**Noninvasive Evaluation of Severity of Calcification within Chronic Total Occlusion prior to Percutaneous Recanalization by Multislice Computed Tomography: Comparison with Coronary Angiography and 3D-IVUS**

N. Yokoyama, K. Konno, S. Suzuki, T. Isshiki

**Diagnostic Accuracy of Dual Source CT-Angiography in Patients with an Intermediate Likelihood for Coronary Artery Disease**

A.W. Leber, A. Becker, J. Tittus, F. Ziegler, C. Becker, T. Johnson, A. Knez

**Evaluation of Coronary Artery In-Stent Restenosis by 64-Slice Computed Tomography**

B.W. Choi, Y.J. Kim, K.O. Choe, N. Chung, Y.S. Jang, T.H. Kim, J. Hur

**Utility of 64 Slice MDCT in the Assessment of Patient who Underwent Coronary Artery Stenting**

P. Schurmann, D. Salazar, J. Nguyen, G. Cudemus, S. Jamali, A. Raney, J. Cusco, A. Einhorn, D. Bello

**The 64-Slice Multidetector-Row Computed Tomography is an Accurate Tool for the Non-Invasive Evaluation of Coronary Artery Bypass Graft Patency**

R. Lee, J. Lim, G. Khaw, G. Wan, K. Ng, K.T. Ho

**64 Slice MDCT Offers Great Potential in the Early and Intermediate Follow Up Evaluation of a Novel Coronary Bypass Anastomotic Device**

M. Poon, J. Stecko, T. Acuff, R. Bolton, L. Dizney, T. Cai

**Improved Diagnostic Accuracy of Noninvasive Coronary Angiography in Patients after Bypass Surgery Using Dual Source Spiral CT**

D. Ropers, A. Renz, T. Pfleiderer, U. Ropers, W.G. Daniel, S. Achenbach

**Multislice Computed Tomography Coronary Angiography and its Correlation with Myocardial Perfusion Imaging**

N.K. Kalia, P. Chawla, R. Blumenthal, M. Ghesani, V. Maccarrone, A. Van Tosh, S.R. Bergmann, K.N. Giedd

**The Relationship Between 64-Slice Coronary CT Angiographic Findings and Perfusion Defects on SPECT Myocardial Perfusion Imaging in an Inner-City Outpatient Population**

V.R. Jain, E.J. Altman, L.B. Haramati, H. Spindola-Franco, S. Bobra, S. Doddamani, M.I. Travin

**Incidence of Significant Coronary Artery Disease with Zero Calcium Score in a Diverse Patient Population with Clinical Suspicion of Ischemic Heart Disease: Incremental Value of 64-slice CT Coronary Angiography over Calcium Scan**

T. Jarreau, S. Khoobiar, A. Novic, R. Shoenfeld, M. Cohen, C. Chen

**Impact of Diabetes on Diagnostic Accuracy of Multidetector Computed Tomography Angiography.**

D. Martínez, P. Sepúlveda, C. Varela, A.M. Afani, P. Azocar, R. González

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J. Chen, A. Renz, K. Geckeis, G. Muschiol, D. Ropers, S. Achenbach

**Evaluation of a New Algorithm for the Automatic Detection of the Best Reconstruction Phase for Coronary Dual Source CT Angiography**

F. Hermann, T. Meyer, M. Hadamitzky, E. Hendrich, C. Schwarzer, C. Ardelean, U. Lang, S. Martinoff, A. Schömig, J. Hausleiter

**Automatic Cardiac Phase selection for Motion-free Coronary Imaging**

R. Mather, K. Boedeker, T. Nicholson

**Coronary Angiography is Feasible in Atrial Fibrillation Patients Using a 64 Slice MDCT**

G. Maiolino, J. Stecko, Y. Zeng, D. Wono, M. Poon

**Assessment of Coronary Artery Disease in Patient with Atrial Fibrillation Using 64-Row Multislice Computed Tomography**

H. Niinuma, K. Yoshioka, R. Tanaka, K. Muranaka, T. Sugawara, Y. Ogino, K. Nasu, M. Nakamura

**Clinical Implications of the Iso-Phasic Imaging Using 256-Multislice Computed Tomography**

A. Kurata, S. Tanada, M. Endo, T. Kido, H. Higashino, S. Mori, K. Katada, S. Nakata, M. Saito, H. Okayama, J. Higaki, T. Mochizuki

**Technical Artifacts During Coronary CTA with Dual-Source CT: Initial Clinical Experience**

D. Dey, C.J. Lee, M. Oba, P.J. Slomka, Y. Suzuki, S. Suzuki, A. Gutstein, A. Wolak, L. Le Meunier, L.E.J. Thomson, J. Friedman, D.S. Berman

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S. Gurudevan, K. Tachibana, F. Saremi, J. Narula, S. Malik

**Assessment of Advanced Methods for Dose Reduction in Cardiac MSCT**

B. Schmidt, R. Raupach, T. Flohr

**Initial Experience Using New Protocol for Administering Contrast in Coronary CTA on 64 Slice MDCT**

S.Y. Tan, F. Keng, J. Huang, T. Chua, F.K. Cheah

**Vessel Contrast Density with a Triple Rule Out Computed Tomographic Protocol**

K. Branch, S. Kohlmyer, L. Mitsumori, J. Busch, J. Caldwell, A. Alessio, T. Dubinsky, W. Shuman

**A Novel Variable-Rate Triphasic Injection Contrast Enhancement Protocol Using Small Amount of Contrast Medium to Improve Visualization of the Right Heart for 5-Second Coronary CT Angiography**

W.J. Lee, T.D. Wang, F.T. Chiang, S.J. Chen, C.H. Chang, H.M. Liu

**Efficacy of Pre-scan Beta-blockade and Impact of Heart Rate on Image Quality in Patients undergoing Coronary Multidetector Computed Tomography Angiography**

M.D. Shapiro, A.J. Pena, J.H. Nichols, S.S. Worrell, F. Moselewski, N. Dannemann, S. Abbara, R.C. Cury, T.J. Brady, U. Hoffmann

**Reproducibility of Extra-Coronary Measures of Calcification: Effect of Scanner Type - The Multi-Ethnic Study of Atherosclerosis**

M.J. Budoff, R. Katz, N.D. Wong, K. Nasir, S.S. Mao, J. Takasu, R. Kronmal, R.C. Detrano, D.M. Shavelle, R. Blumenthal, K.D. O'Brien, J. Carr

**Comparison of Interscan Variation in Coronary Artery Calcium Screening Between Electron Beam CT and MDCT Scanners**

M.J. Budoff, S.S. Mao, Y. Gao, J. Child, S. Carson, J. Critchfield, F. Flores

**The Effect of Field of View on Calcium Scores**

M.J. Budoff, S.S. Mao, Y. Gao, J. Child, S. Carson, J. Critchfield, F. Flores

**Quantification of Coronary Artery Calcium During Contrast-Enhanced Computed Tomographic Angiography Using a Novel Plaque Characterization Method: A Comparison to Traditional Coronary Artery Calcium Scoring**

B. Hoppel, J. Min, A. Deubig, J. Skinner, S. Dutta

**Image Reconstruction at 5 Percent Increment Significantly Improves the Diagnostic Yield in 64-Slice MDCT Coronary Angiography**

L. Petre, Y. Zeng, G. Maiolino, J.E. Stecko, M. Poon

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**Assessment of Regional Left Ventricular Function by Dual Source Computed Tomography: Validation by Laevocardiography and Interobserver Variability**

S. Achenbach, K.T. Ho, D. Ropers, T. Pflederer, W.G. Daniel

**Left Ventricular Function Assessment: Comparison of Multidetector Cardiac CT with Gated SPECT**

P.P. Agarwal, S. Patel, J. Corbett, J.I. Jung, E.A. Kazerooni

**Accuracy of 64-Slice Multi-Detector Computed Tomography to Assess Left Ventricular Function: Direct Comparison with Cardiac Magnetic Resonance**

S. Setty, T. Jarreau, M. Cohen, C. Chen

**Optimizing LV Volume and EF Measurements with Dual Source CTA: Are 10 Phases Enough?**

A. Gutstein, L. Thomson, A. Wolak, D. Dey, C.J. Lee, S. Suzuki, Y. Suzuki, M. Oba,

J. Friedman, D. Berman

**Left Ventricular Mass as Assessed by 64-Slice MDCT: Association with Clinical Markers of Cardiovascular Disease**

S. Malik, K. Tachibana, A. Raney, F. Saremi, J. Narula, S. Gurudevan

**Evaluation of Cardiac Multidetector Computed Tomography Reconstruction Modalities for the Detection of Perfusion Defects In Patients Presenting with Acute ST Segment Myocardial Infarction**

I.S. Rogers, R.C. Cury, M.D. Shapiro, S. Abbara, K. Nieman

**The Assessment of Myocardial Perfusion with MDCT (16-256MDCT)**

T. Kido

**Diagnostic Efficacy of Nicorandil in Perfusion Multislice CT for the Detection of Myocardial Ischemia**

Y. Kobayashi, T. Yasu, Y. Nakajima, O. Tanaka, S. Momomura

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P.L. Chia, R. Lee, K.T. Ho

**Coronary Plaques Characteristics by 64-MDCT in Patients Newly Diagnosed with Coronary Artery Disease**

S.C. Danciu, A.E. Dehnee, C.J. Herrera, J.L. Hines

**Coronary CTA in High Risk Patients Presenting with Atypical Cardiac Symptoms**

J. Goldman, T. DeFrance, J. DeRose, F. Perrone, R. Mather

**Aortic Plaque Thickness as Risk Predictor for Coronary Heart Disease**

M. Hadamitzky, C. Jiang, T. Meyer, F. Hermann, S. Martinoff, A. Schömig, J. Hausleiter

**Plaque Characterization Using Different X-Ray Energy by Dual Source Computed Tomography and Comparison with Histology**

S. Komatsu, A. Kuhlmann, V. Campean, D. Ropers, U. Ropers, M. Wechsel, W.G. Daniel, K.U. Amann, S. Achenbach

**Relation of Plaque Composition to Degree of Stenosis: Evaluation by 64 Detector Computed Tomographic Coronary Angiography**

L. Lubarsky, M. Prakash, V. Jelnin, G. Panogopoulos, H.S. Hecht

**MDCT Frequently Detects Proximal Coronary Atherosclerotic Plaques in Low and Intermediate Framingham Risk Individuals**

D. Nair, T.P. Carrigan, Z. Popovic, S. Kuzmiak, S.J. Nicholls, R.J. Curtin, P. Schoenhagen, M.Y. Desai

**Relationship of Insulin Resistance and Obesity with Coronary Atherosclerosis: A Multislice Computed Tomography Study**

D. Nair, T.P. Carrigan, Z. Popovic, S. Kuzmiak, R.J. Curtin, P. Schoenhagen, M.Y. Desai

**The Accuracy of 64 MSCT in Detecting Coronary Artery Disease in the Low Risk Female Population. Is it Better than the Traditional Approach?**

M.L. Zasadil, A. Hakeem, A. Bhatti, J.H. Stein, J.G. Keevil

**Assessment of Plaque Characteristics Using Computed Tomography in Patients with Subsequent Acute Coronary Syndrome**

S. Motoyama, M. Sarai, H. Harigaya, K. Inoue, T. Sato, Y. Sanda, H. Anno, Y. Ozaki

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**Gender Specific Adult Values of Ascending Aortic Diameters by CT Angiography**

M.J. Budoff, S.S. Mao, Y. Gao, J. Child, S. Carson, J. Critchfield, F. Flores

**Aortic Size Assessment by Non-Contrast Cardiac CT: Normal Limits by Age, Gender, and BSA**

A. Wolak, J. Friedman, L.E.J. Thomson, A. Gutstein, S. Hayes, L. Shaw, A. Rozanski,

D. Polk, H. Gransar, N. Wong, P. Julien, R. Saouaf, D.S. Berman

**Cardiac CT for Assessment of the Interatrial Septum to Plan Transseptal Puncture**

R.J. Curtin, B.S. Lowe, S. Halliburton, P. Schoenhagen, E.M. Tuzcu, S.R. Kapadia,

M.D. Desai

**Variants of Pulmonary Veins Using a 64 Multi-Slice Computed Tomography (MSCT) Implications for Atrial Fibrillation Ablation**

H. Shenasa, R. Berger, M. Soleimanieh, M. Shenasa

**Incidental Non-Cardiac Findings in Patients Referred for Cardiac Computed Tomograph Angiography**

A.E. Dehnee, S.C. Danciu, C.J. Herrera, J.L. Hines

**The Prevalence and Significance of Incidental Findings During Cardiac 64- or 128- Slice Computed Tomography at Outpatient Private Practice Facilities**

H. Dinh, J. Stecko, S. Mendelsohn, M. Poon

**Relevance of Adipose Tissue Detected by MDCT in Patients after Myocardial Infarction.**

Y. Ichikawa, H. Sakuma, S. Chino, K. Kitagawa, T. Hirano, K. Takeda

**Relationship between Intramyocardial Fat Deposition on 64-Slice MDCT, Body Mass Index and Age**

A. Raney, S. Gurudevan, S. Malik, J. Narula, F. Saremi

**Assessment of Myocardial Infarction Using Myocardial Perfusion Map and Wall Motion Map with 64-multi Detector Computed Tomography**

Y. Koyama, H. Ito, K. Iwakura, S. Kawano, A. Okamura, T. Kurotobi, K. Inoue, M. Date,  
M. Ozawa, K. Fujii

**Aortic Valve Planimetry Using Dual Source CT and 64-Slice Multidetector CT**

U. Ropers, A. Renz, T. Pfleiderer, D. Ropers, W.G. Daniel, S. Achenbach