

PROGRAM

2nd Annual Scientific Meeting of SCCT

DAY 1 THURSDAY, JULY 5, 2007

3.00 pm – 8.00 pm REGISTRATION

6.30 pm – 8.00 pm FIVE CONCURRENT SESSIONS

1. PRE-PROGRAM: BASICS FOR THE CARDIOLOGIST

Location: Jefferson Room

Chairs: Stephan Achenbach and Wm. Guy Weigold

- 6.30 – 7.00 Principles of Computed Tomography and Cardiac CT, *Suhny Abbara*
7.00 – 7.30 Cross-sectional Cardiac Anatomy in CT
Stephan Achenbach
7.30 – 8.00 Case Demonstration: Typical Findings in Cardiac CT, *Wm. Guy Weigold*

2. PRE-PROGRAM: BASICS FOR THE RADIOLOGIST

Location: Lincoln West

Chairs: Allen J. Taylor and Norbert M. Wilke

- 6.30 – 7.00 A Primer on Coronary Artery Disease
Allen J. Taylor
7.00 – 7.30 Cardiac and Coronary Anatomy in CT
Mario J. Garcia
7.30 – 8.00 Clinical Case Vignettes: Typical Applications of CT in the Diagnosis of Heart Disease
Norbert M. Wilke

3. PRE-PROGRAM FOR ADVANCED USERS

Location: Georgetown Room

Chairs: Ricardo C. Cury and Tracy Q. Callister

- 6.30 – 7.00 Finer Details of Cardiac Anatomy with Pathology Correlation, *Ricardo C. Cury*
7.00 – 7.30 Incidental Lung Findings: Significance and Recommendations, *J. Jeffrey Carr*
7.30 – 8.00 Case Demonstrations: Unusual Findings
Tracy Q. Callister

4. PRE-SYMPOSIUM: DIDACTICS AND TEACHING IN CARDIAC CT

Location: Lincoln East

Chairs: Daniel S. Berman and Leslee Shaw

- 6.30 – 7.00 Didactics of Teaching Coronary CTA
Tony DeFrance
7.00 – 7.30 Cardiac CT Trials: Design and Statistics Issues, *Leslee J. Shaw*
7.30 – 8.00 Research Needs in Cardiac CT
Daniel S. Berman

5. READ WITH THE EXPERTS

Location: Monroe Room

Moderator: Michael L. Ridner

DAY 2 FRIDAY, JULY 6, 2007

7.15 am – 8.15 am
CONTINENTAL BREAKFAST IN THE EXHIBIT HALL

8.15 am – 10.00 am WELCOME/INTRODUCTORY SESSION

Location: International Ballroom

Chairs: Stephan Achenbach and Allen J. Taylor

- 8.15 – 8.30 Welcome/Program Overview
Stephan Achenbach
8.30 – 9.00 Cardiac Imaging: How it Changed the Practice of Cardiology, *Robert Bonow*
9.00 – 9.30 Cardiac CT Technology. Present State and Future Directions, *J. Jeffrey Carr*
9.30 – 10.00 Current Guidelines on the Clinical Use of Cardiac CT, *Allen J. Taylor*

10.00 am - 10.30 am
REFRESHMENT BREAK, POSTERS, EXHIBITS

10.30 am – 12.10 pm THREE CONCURRENT SESSIONS

1. MAIN SESSION: CT Coronary Angiography

Location: International Ballroom

Chairs: Joao A.C. Lima and John R. Lesser

- 10.30 – 10.55 Current Results, Indications, and Limitations of CT Coronary Angiography
Wm. Guy Weigold
10.55 – 11.20 CT Imaging of Coronary Artery Stents
Stephan Achenbach
11.20 – 11.45 CT Assessment of Bypass Grafts
James P. Earls
11.45 – 12.10 CT Perfusion as an Adjunct to Coronary CTA, *Albert C. Lardo*

2. READ WITH THE EXPERTS

Location: Monroe Room

Moderator: Allen J. Taylor

3. MODERATED VIDEO DEMONSTRATION: "LIVE" CT SCANNING

Location: Georgetown Room

12:20 pm – 1:20 pm
LUNCH BREAK, POSTERS, EXHIBITS
(Box lunch will be provided)

1.20 pm – 3.00 pm**FIVE CONCURRENT SESSIONS****1. ADVANCED TRACK:****Getting the Most Out of Your CT Data Sets****Location:** International Ballroom

Chairs: Samuel Wann and Ricardo C. Cury

- 1.20 – 1.45 Tips and Tricks to Optimize Image Quality
Sandra S. Halliburton
- 1.45 – 2.10 Quantification of Coronary Stenoses by CT: What Data do We Have?, *Ricardo C. Cury*
- 2.10 – 2.35 How to Lower Radiation Dose in CT Data Acquisition. *Irwin M. Feuerstein*
- 2.35 – 3.00 “Dual Energy” Imaging in CT: Applications in Cardiovascular Imaging?, *Axel Kuettner*

2. DIDACTIC TRACK:**Scan Protocols for Cardiac CT - Step by Step****Location:** Jefferson Room

Chairs: Paolo Raggi and Norbert M. Wilke

- 1.20 – 1.45 Step by Step: Imaging and Scoring Coronary Calcium, *Paolo Raggi*
- 1.45 – 2.10 Step by Step: Image Acquisition for Coronary Angiography, *Tony DeFrance*
- 2.10 – 2.35 Post-Processing Methods for CT Coronary Angiography, *Michael L. Ridner*
- 2.35 – 3.00 Data Acquisition and Evaluation for Cardiac Morphology and Function, *Joanne Schuijff*

3. ORAL ABSTRACTS I:**Practical Application of CT Coronary Angiography**

Abstracts 1-7

Location: Lincoln East

Chairs: Tracy Q. Callister and Teruhito Mochizuki

- 1.20 – 1.35 **Abstract 1:**
Costs and Clinical Outcomes Following Coronary Computed Tomography Angiography: A Matched Comparison to Myocardial Perfusion SPECT
Min JK, Lin F, Shaw LJ, Legorreta A, Kang N, Gilmore A.
- 1.35 – 1.50 **Abstract 2:**
Cost Savings of a Strategy Using Coronary CT Angiography vs. Cardiac Catheterization to Evaluate Patients with an Abnormal Stress Test
Sola S, Fu ZA, Obuchowski NA, Garcia MJ.
- 1.55 – 2.10 **Abstract 3:**
Real World Application of Coronary Computed Tomography Angiography and Its Potential Impact on Downstream Resource Utilization in the Evaluation of Angina
Devine PJ, Villines TC, Sullenberger LE, Anderson DR, Malik AK, Feuerstein IM, Taylor AJ.

- 2.10 – 2.25 **Abstract 4:**
Analysis of Appropriate Imaging Referrals Using Guidelines in Real World Practice: Cardiac CTA vs. SPECT Imaging
Shen MY, Dandes E, Saxena N, Kuo B, Baig A, Bonilla CA, Itty V, Phillips S.

- 2.25 – 2.40 **Abstract 5:**
The State of Coronary Computed Tomography Angiography in the United States 2007: An Evidence Based Analysis of Clinical Appropriateness and Economic Impact
Fine J, Ridner M, Wilke N, Cole J, Callister T, Myers PR, Buxt L.

- 2.40 – 2.55 **Abstract 6:**
Clinical Application of the 2006 Cardiac Computed Tomography Appropriateness Criteria
Chen MY, Jehle AB, Quaipe RA.

- 2.55 – 3.10 **Abstract 7:**
Clinical Indications of Cardiac CTA: Guideline Comparison in a Real World Practice
Bonilla CA, Baig A, Saxena N, Dandes E, Kuo B, Scridon T, Nolan J, Itty V, Phillips S, Shen MY.

4. READ WITH THE EXPERTS**Location:** Monroe Room

Moderator: Edward P. Shapiro

5. MODERATED VIDEO DEMONSTRATION: “LIVE” CT SCANNING**Location:** Georgetown Room**3.00 pm – 3.40 pm****REFRESHMENT BREAK, POSTERS, EXHIBITS****3.40 pm – 5.20 pm****FIVE CONCURRENT SESSIONS****1. MAIN SESSION: Vascular CT****Location:** International Ballroom

Chairs: David E. Allie and Suhny Abbara

- 3.40 – 4.05 Protocols for Peripheral CT Angiography
James P. Earls
- 4.05 – 4.30 Aortic Disease in Computed Tomography
Suhny Abbara
- 4.30 – 4.55 CT for Peripheral Disease: Accuracy and Clinical Role, *Jeffrey Hellinger*
- 4.55 – 5.20 Peri-Interventional Use of Vascular CT
David E. Allie

2. MAIN SESSION: CT Technology**Location: Jefferson Room***Chairs: Sachio Kuribayashi and Sandra S. Halliburton*

- 3.40 – 4.05 Cardiac CT Artifacts: Sources and Solutions
Sandra S. Halliburton
- 4.05 – 4.30 Translating Clinical Requirements into Technical Parameters for Cardiac CT
John A. Rumberger
- 4.30 – 4.55 Flat Panel CT, Micro CT, and Small Animal Imaging: Looking into a Microscopic World
Rajiv Gupta
- 4.55 – 5.20 New CT Technology and its Implications for Cardiovascular Imaging, *Sachio Kuribayashi*

3. MAIN SESSION: Contrast Agent in Cardiac CT**Location: Lincoln East***Chairs: Wm. Guy Weigold and Axel Kuettnner*

- 3.40 – 4.05 Contrast Agent Injection Protocols for Coronary CT Angiography and Non-Coronary Cardiac Imaging
Wm. Guy Weigold
- 4.05 – 4.30 Contrast Injection for Non-Cardiac CT Angiography, *Axel Kuettnner*
- 4.30 – 4.55 CT Contrast Agents and Renal Failure: Practical Considerations
Richard J. Solomon
- 4.55 – 5.20 New Contrast Agents for Imaging of Atherosclerosis, *Zahi A. Fayad*

4. READ WITH THE EXPERTS**Location: Monroe Room***Moderator: Stephan Achenbach***5. MODERATED VIDEO DEMONSTRATION: "LIVE" CT SCANNING****Location: Georgetown Room****5.20 pm – 5.45 pm****INTERMISSION****5.45 pm – 6.45 pm****MANUFACTURERS' SESSION:****Technology and Workflow in Cardiac CT***(Note: CME CREDIT is not available for this session)***Location: International Ballroom***Chairs: Daniel S. Berman and J. Jeffrey Carr*

- 5.45 – 6.00 Toshiba Medical Systems, *Rich Mather*
- 6.00 – 6.15 Siemens Medical Solutions, *Lars Hoffman*
- 6.15 – 6.30 Philips Medical Systems, *Phil Prather*
- 6.30 – 6.45 GE Healthcare, *DeAnn Haas*

6.45 pm - 8.00 pm**WELCOME RECEPTION—Exhibit Hall****DAY 3****SATURDAY, JULY 7, 2007****7.15 am – 8:00 am****ANNUAL MEMBERSHIP MEETING****Location: Jefferson Room****6.45 am – 8.15 am****CONTINENTAL BREAKFAST IN THE EXHIBIT HALL****8.15 am – 9.55 am****FOUR CONCURRENT SESSIONS****1. MAIN SESSION: Coronary Calcium and Plaque 1****Location: International Ballroom***Chairs: Allen J. Taylor and Matthew J. Budoff*

- 8.15 – 8.45 The Pathology of Acute Coronary Syndromes and the "Vulnerable Plaque"
Elena Ladich
- 8.45 – 9.15 Coronary Calcium for Risk Stratification: Clinical Data and Recommendations
Matthew J. Budoff
- 9.15 – 9.45 Coronary Calcium Progression and Arterial Remodeling - Lessons from IVUS
Paul Schoenhagen

2. ORAL ABSTRACTS II:**Non-Coronary Applications of Cardiovascular CT***Abstracts 8-13***Location: Lincoln East***Chairs: Jack Ziffer and Sachio Kuribayashi*

- 8.15 – 8.30 **Abstract 8:**
Non-Invasive 64-Channel Multidetector Computed Tomography Angiography in Non-Cardiac Peripheral Vascular Disease: A Validation Study in the Treatment of Femoral, Popliteal, and Infrapopliteal Disease
Allie D, Hebert C, Lirtzman M, Wyatt C, Keller A, Patlola R, Veerina K, Hammett C, Allie S, Mitran E, Allie A, McElderry M, Hebert J, Laurich G, Broussard K, Walker C.
- 8.30 – 8.45 **Abstract 9:**
Cardiac Computed Tomographic Angiography Pre-procedural Planning for Percutaneous Atrial Septal Defect Closure
Chen MY, Jehle AJ, Quaipe RA, Carroll JD.
- 8.45 – 9.00 **Abstract 10:**
Coronary CT Angiography in the Presurgical Assessment of Complex Aortic Valve Surgery
Gilkeson RC, Markowitz AH, Aharon A, Blitz A, Sachs PB, Mehandru S.

9.00 – 9.15 **Abstract 11:**
Pre-operative Assessment of Aortic Root Morphology Using Multidetector Computed Tomography in Patients Undergoing Percutaneous Aortic Valve Replacement
Akhtar M, Tuczu EM, Kapadia S, Svensson LG, Greenberg R, Halliburton S, Halley C, Schoenhagen P, Sola S.

9.15 – 9.30 **Abstract 12:**
Utility of Multidetector CT Angiography for Preoperative Planning in Patients Undergoing Redo Open Heart Surgery After Prior CABG
Kamdar AR, Meadows TA, Curtin RJ, Kuzmiak S, Sabik J, Lytle BW, Schoenhagen P, Flamm SD, Desai MY.

9.30 – 9.45 **Abstract 13:**
Detection of the Entry of Stanford Type A Acute Aortic Dissection and Intramural Hematoma Using 64-Row Multislice Computed Tomography
Niinuma H, Yoshioka H, Abiko A, Naganuma Y, Makita S, Tanaka R, Nakajima T, Kataoka T, Okabayashi H, Nakamura M.

3. READ WITH THE EXPERTS

Location: Monroe Room

Moderator: Michael L. Ridner

4. MODERATED VIDEO DEMONSTRATION: “LIVE” CT SCANNING

Location: Georgetown Room

9.55 am – 10.30 am

REFRESHMENT BREAK, POSTERS, EXHIBITS

10.30 am – 12:10 pm

FOUR CONCURRENT SESSIONS

1. MAIN SESSION: Coronary Calcium and Plaque 2

Location: International Ballroom

Chairs: Stephan Achenbach and Jack A. Ziffer

- 10.30 – 10.55 CT for the Detection, Quantification and Characterization of Coronary Plaque
Stephan Achenbach
- 10.55 – 11.20 Does Non-calcified Plaque Imaging by CT Provide Prognostic Information
Joanne Schuijf
- 11.20 – 11.45 “Plaque” Detected in an Otherwise Normal CT Scan for Coronary Stenoses: How to Report and What to Recommend
Daniel S. Berman
- 11.45 – 12.10 Plaque Imaging: The MESA Contributions
Joao A.C. Lima

2. ORAL ABSTRACTS III: Radiation Dose in Cardiac CT

Abstracts 14-19

Location: Lincoln East

Chairs: Jorg Hausleiter and Sandra S. Halliburton

10.30 – 10.45 **Abstract 14:**
Image Quality in a Low-Radiation Exposure Protocol for Retrospectively Gated Coronary CT Angiography
Pfleiderer T, Rudofsky L, Renz A, Ropers U, Ropers D, Daniel WG, Achenbach S.

10.45 – 11.00 **Abstract 15:**
A Prospectively-Gated Protocol Decreases Radiation Dose Without Sacrificing Image Quality in 64-detector Coronary CT Angiography
Cole JH, Husain NM, Ahmed SH, Glass JW.

11.00 – 11.15 **Abstract 16:**
Prospectively Gated Coronary CT Angiography: An Evaluation of Effective Dose and Reliability in a Large Patient Group
Earls J, Urban B, Berman E, Curry C, Lane J, Jennings R

11.15 – 11.30 **Abstract 17:**
Impact of Different Dose Saving Algorithms on Radiation Dose Estimates of Cardiac Dual Source CT Angiography
Hausleiter J, Meyer T, Hermann F, Hadamitzky M, Hendrich E, Martinoff S, Schömig A.

11.30 – 11.45 **Abstract 18:**
Latest Clinical Breakthrough in Cardiac CT: Drastic Dose Reduction with SnapShot Pulse Mode on LightSpeed VCT XT
Sablayrolles JL, Treutenaere JM, Feignoux J, Jardin C

11.45 – 12.00 **Abstract 19:**
Initial High Radiation Dose in Startup CCTA Program Reduced to that of Invasive Angiography by a Modified Scanning Protocol
Bhatti S, Hakeem A, Vanlysel MS, Reeder S, Zasadil M, Keevil JG.

3. READ WITH THE EXPERTS

Location: Monroe Room

Moderator: Wm. Guy Weigold

4. MODERATED VIDEO DEMONSTRATION: “LIVE” CT SCANNING

Location: Georgetown Room

12.10 pm – 1.20 pm

LUNCH BREAK, POSTERS, EXHIBITS*(Box lunch will be provided)*

1.20 pm – 3.00 pm

FIVE CONCURRENT SESSIONS**1. ADVANCED TRACK: Difficult Situations in CTA****Location: International Ballroom***Chairs: Christoph Becker and Suhny Abbara*

- 1.20 – 1.45 Typical Artifacts: How to Avoid Misinterpretation, *Stephan Achenbach*
- 1.45 – 2.10 Cardiac CT Scanning in Patients with Arrhythmias, *David E. Bush*
- 2.10 – 2.35 Finer Details of Contrast Injection in Cardiovascular CT, *Christoph R. Becker*
- 2.35 – 3.00 What the Heck is this? ... Rare Incidental Findings in the Heart that You Should Have Seen at Least Once, *Suhny Abbara*

2. DIDACTIC TRACK: Tips for Data Acquisition and Post Processing**Location: Lincoln West***Chairs: John R. Lesser and Irwin M. Feuerstein*

- 1.20 – 1.45 Tips and Tricks for Data Acquisition in Cardiac CT, *John R. Lesser*
- 1.45 – 2.10 Pitfalls in the Interpretation of Coronary CTA, *J. Jeffrey Carr*
- 2.10 – 2.35 Pearls in Image Reconstruction and Post-Processing, *Irwin M. Feuerstein*
- 2.35 – 3.00 How to Report a CT Coronary Angiography Investigation, *Michael Poon*

3. ORAL ABSTRACTS IV:**Coronary Calcium: New Insights***Abstracts 20-25***Location: Lincoln East***Chairs: Matthew J. Budoff and Udo Hoffmann*

- 1.20 – 1.35 **Abstract 20:**
Coronary Artery Calcification in Nonagenarian Men: A Histomorphologic Study
Shirani J, Zafari AM, Sarin S, Roberts WC.
- 1.35 – 1.50 **Abstract 21:**
Does Coronary Artery Calcium Progress at Different Rates in Black vs. White Men? The PACC Rescan Project
Taylor AJ, Bindeman J, Bauer K, Byrd C, Wu H, O'Malley PG, Feuerstein I.
- 1.50 – 2.05 **Abstract 22:**
Absolute Coronary Artery Calcium Scores Determined by the Agatston Method are superior to Percentiles in Predicting Obstructive Coronary Artery Disease
Akram K, Voros S.

2.05 – 2.20

Abstract 23:

“Progressers and Non-Progressers” of Coronary Artery Calcification in a Treated Diabetic Population
Gopal A, Ahmadi N, Hajsadeghi F, Sarlak B, Nasir K, Loewinger L, Shareghi S, Gao Y, Mao S, Young E, Flores F, Budoff MJ.

2.20 – 2.35

Abstract 24:

Homocysteine, Lipid Parameters and Inflammatory Markers Relationship to Advanced Coronary Atherosclerosis on CT
Budoff MJ, Lee R, Hajsadeghi F, Ahmadi N, Gopal A, Flores F.

2.35 – 2.40

Abstract 25:

Association of Coronary Artery Calcium to the Presence of Aortic Valve Calcification using 64 Slice Cardiac Computed Tomography
Azmoon S, Madyoon H, Ebrahimi R, Lepor NE.

4. READ WITH THE EXPERTS**Location: Monroe Room***Moderator: Matthew J. Budoff***5. MODERATED VIDEO DEMONSTRATION: “LIVE” CT SCANNING****Location: Georgetown Room**

3.00 pm – 3.30 pm

REFRESHMENT BREAK, POSTERS, EXHIBITS

3.30 pm – 5.10 pm

FIVE CONCURRENT SESSIONS**1. Cardiac CT Beyond the Coronary Arteries****Location: International Ballroom***Chairs: Norbert M. Wilke and Tony DeFrance*

- 3.30 – 3.55 Myocardial and Pericardial Disease
Christoph R. Becker
- 3.55 – 4.20 CT Imaging in the Context of Electrophysiology, *Jerold S. Shinbane*
- 4.20 – 4.45 Valvular Disease: Is there a Role for Cardiac CT?, *Gudrun Feuchtner*
- 4.45 – 5.10 CT Versus MR for Cardiac Morphology and Function, *John R. Lesser*

2. JOINT ACC/SCCT Session:**Running a Cardiac CT Program****Location: Jefferson Room***Chairs: Samuel Wann and Allen J. Taylor*

- 3.30 – 3.55 The Current Reimbursement Situation for Cardiac CT, *Kim A. Williams*
- 3.55 – 4.20 Accreditation and Credentialing in Cardiac CT, *Daniel S. Berman*

- 4.20 – 4.45 Quality in Cardiac Imaging
Wm. Guy Weigold
- 4.45 – 5.10 ACC-SCCT Collaborative Approach in Cardiac CT, *James Dove*

3. ORAL ABSTRACTS V: Coronary CT Angiography

Abstracts 26-32

Location: Lincoln East

Chairs: Gilbert L. Raff and Yasushi Koyama

- 3.30 – 3.45 **Abstract 26:**
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
Karlsberg RP, Thomson LEJ, Friedman JD, Berman DS, Budoff MJ.

- 3.45 – 4.00 **Abstract 27:**
Differentiation of Total Occlusion and High-Grade Stenosis in Coronary CT Angiography
Achenbach S, Ropers D, Pflederer T, Renz A, Daniel WG.

- 4.00 – 4.15 **Abstract 28:**
Functional Impact of Coronary Stenosis Observed in Coronary CTA: Role of 13N-Ammonia PET
Alexánder E, Sierra C, García Rojas L, Rodríguez M, Cruz P, Talayero J, Herrera M, Meléndez G, Armas M, Meave A.

- 4.15 – 4.30 **Abstract 29:**
Combined Assessment of Coronary Artery Stenosis and Myocardial Ischemia by Rest-Dipyridamole Stress Multidetector Computed Tomography
Carrascosa P, Capuñay C, Carrascosa J, Deviggiano A, Garcia MJ.

- 4.30 – 4.45 **Abstract 30:**
64-Detector Coronary CT Imaging for the Identification of Coronary Artery Stenoses in a “Real-World” Population
Makaryus AN, Henry S, Loewinger L, Boxt LM.

- 4.45 – 5.00 **Abstract 31:**
Dual Source Versus Single Source Cardiac Computed Tomography Angiography: Comparison of Image Quality
Donnino R, Jacobs JE, Doshi JV, Hecht EM, Kim DC, Babb JS, Srichai M.

- 5.00 – 5.15 **Abstract 32:** Chest Pain in the Emergency Department: Evaluation by 64-Detector Cardiac CT
White CS, Kuo D, Thorn E, Read K, Flukinger T.

4. READ WITH THE EXPERTS

Location: Monroe Room

Moderator: Mario J. Garcia

5. MODERATED VIDEO DEMONSTRATION: “LIVE” CT SCANNING

Location: Georgetown Room

5.30 pm – 6.30 pm

MODERATED POSTER SESSIONS

Location: Exhibit Hall

Poster titles are listed following the program schedule. Poster presenters will be at their posters during this moderated session for discussions with the chairs and meeting registrants.

Poster Session I:

Coronary Calcium and Risk Assessment

Abstracts 33-42

Chairs: Allen J. Taylor and Paolo Raggi

Poster Session II:

Coronary CT Angiography I, Abstracts 43-52

Chairs: Samuel Wann and Suhny Abbara

Poster Session III:

Coronary CT Angiography II, Abstracts 53-62

Chairs: Sachio Kuribayashi and Michael Poon

Poster Session IV:

Coronary CT Angiography III, Abstracts 63-69

Chairs: Martin Hoffmann and Armin Zadeh

Poster Session V:

Acquisition Protocols, Abstracts 70-80

Chairs: Gilbert L. Raff and Christoph R. Becker

Poster Session VI:

Function and Perfusion, Abstracts 81-88

Chairs: J. Jeffrey Carr and Joanne Schuijff

Poster Session VII:

CT Assessment of Coronary Plaque, Abstracts 89-98

Chairs: John R. Lesser and Wm. Guy Weigold

Poster Session VIII:

Non-Coronary Applications of Cardiac CT

Abstracts 99-108

Chairs: Tracy Q. Callister and Michael L. Ridner

6.30pm – 8.00 pm

INDUSTRY SATELLITE SYMPOSIUM*(Note: CME credit is not available for this session)***Cardiovascular CT Update—From Clinical to Business**

Sponsored by Siemens Medical Solutions

Location: International Ballroom*Chair: Gilbert L. Raff*

- 6.30 – 6.55 Cardiac CT—from 64-Slice to Dual Source CT, *Stephan Achenbach*
- 6.55 – 7.20 Clinical and Operational Benefits Utilizing Cardiac CT for Chest Triage: The HUP Experience, *Harold Litt*
- 7.20 – 7.45 Best Practices: Setting Up a CVCT Service Line in a Cardiology Group Practice Setting *Vinay Malhotra*
- 7.45 – 8.00 Questions and Answers

- 8.30 – 8.45 Multi-Detector Computed Tomographic Imaging of Valvular Heart Disease
Joseph C. McGinley
- 8.45 – 9.00 Cardiac MDCT: Utility in Delineating Morphology and Function
William M. Strub
- 9.00 – 9.15 The Role of Multidetector CT in the Assessment of Myocardial Perfusion, Infarction and Viability
Jennifer I. Berliner
- 9.15 – 9.30 Utility of 64-Slice Computed Tomography to Monitor Changes in Atheroma Volume. A Pilot Study. Potential Implications for its use in Clinical Imaging Studies
Boria Ibanez
- 9.30 – 9.45 Cardiac Computed Tomography for Coronary Artery Atherosclerosis Detection: Potential Applications in Symptomatic and Asymptomatic Individuals
Thomas M. Todoran

8.15 am – 9.45 am

3. READ WITH THE EXPERTS SESSION**Location: Monroe Room***Moderator: Armin Zadeh*

8.15 am – 9.45 am

4. MODERATED VIDEO DEMONSTRATION: “LIVE CT SCANNING”**Location: Georgetown Room**

10.15 am - 10.45 am

REFRESHMENT BREAK

10.45 am – 12.45 pm

HIGHLIGHTS IN CARDIOVASCULAR CT 2007**Location: International Ballroom***Chairs: Stephan Achenbach and Michael Poon*

- 10.45 – 11.05 Awards Presentations
- 11.05 – 11.30 Seminal Papers in Cardiac CT: 2006 – 2007
Allen J. Taylor
- 11.30 – 11.55 Highlights of the 2007 Conference
Daniel S. Berman
- 11.55 – 12.20 The Crystal Ball: the Way Ahead in 2008
Michael Poon
- 12.20 – 12.45 Closing Remarks

10.45 am – 12.15 pm

READ WITH THE EXPERTS SESSION**Location: Monroe Room***Moderator: Suhny Abbara***12.45pm MEETING CONCLUDES****DAY 4 SUNDAY, JULY 8, 2007**

7.15 am – 8.15 am

CONTINENTAL BREAKFAST

8.15 am – 10.15 am

FOUR CONCURRENT SESSIONS

8.15 – 9.00

1. SUNDAY MORNING PLENARY**Location: International Ballroom***Chairs: Gilbert L. Raff and Daniel S. Berman*

- 8.15 – 9.00 Imaging of Perfusion vs. Anatomy: Present Technical and Clinical Status, *Jack A. Ziffer*

9.00 – 10.15

CARDIAC CT IN THE EMERGENCY ROOM**Location: International Ballroom***Chairs: Gilbert L. Raff and Daniel S. Berman*

- 9.00 – 9.25 Coronary CTA in Patients with Acute Chest Pain and Clinical Utility, *Udo Hoffmann*
- 9.25 – 9.50 CT Imaging of Pulmonary Embolism
J. Jeffrey Carr
- 9.50 – 10.15 Triple Rule-out: Methods, Rationale & Results, *Charles S. White*

8.15 am – 9.45 am

2. SOAR AWARDS PRESENTATION SESSION**Location: Jefferson Room***Chairs: Stephan Achenbach and Elliot L. Fishman*

- 8.15 – 8.30 Image Quality and Radiation Dose at Coronary CT Angiography
Jeremy D. Collins