

1st Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography

Schedule and Invited Speakers List: Last revised [06/12/06](#)

Thursday, July 13, 2006

6:30 pm - 8:00 pm

Pre-Program for the Cardiologist

Chairs: Suhny Abbara and Stephan Achenbach

6:30 pm - 7:00 pm

How Does CT Work?

Suhny Abbara

7:00 pm - 7:30 pm

Cross-Sectional Cardiac Anatomy

Stephan Achenbach

7:30 pm - 8:00 pm

Basics of Radiation Dose and Exposure

Irwin M. Feuerstein

6:30 pm - 8:00 pm

Pre-Program for the Radiologist

Chairs: Allen J. Taylor and Ricardo C. Cury

6:30 pm - 7:00 pm

Clinical Aspects of CAD

Allen J. Taylor

7:00 pm - 7:30 pm

Cardiac Anatomy in CT

Ricardo C. Cury

7:30 pm - 8:00 pm

Special Technical Aspects of Cardiac CT

J. Jeffrey Carr

Friday, July 14, 2006

MAIN ROOM

8:15 am - 10:00 am

INTRODUCTORY SESSION

Chairs: Stephan Achenbach and Thomas J. Brady

8:15 am - 8:30 am

Welcome

Stephan Achenbach

8:30 am - 9:00 am

The Central Role of Imaging in Cardiovascular Disease

Patrick T. O'Gara

9:00 am - 9:30 am

Recent and Future Developments of CT Technology

Elliott Fishman

9:30 am - 10:00 am

Clinical Opportunities for Cardiac CT

Daniel S. Berman

MAIN ROOM

10:30 am - 12:10 pm

MAIN SESSION: CT Coronary Angiography

Chairs: W. Guy Weigold and L. Samuel Wann

10:30 am - 10:55 am

Coronary CTA: State of The Art and Clinical Applications

Stephan Achenbach

10:55 am - 11:20 am

Difficult Situations: Bypass Grafts and Stents

Koen Nieman

11:20 am - 11:45 am

"Single To Quintuple Rule Out" - Applications in Acute Chest Pain

Gilbert L. Raff

11:45 am - 12:10 pm

CT-PET and CT-SPECT in the Diagnosis of Ischemic Heart Disease

Jack A. Ziffer

BREAKOUT ROOM I

10:30 am - 12:00 pm

ORAL ABSTRACT SESSION: Technology I

Chairs: Suhny Abbara and Teruhito Mochizuki

Abstract O1 - O6

10:30 am - 10:45 am

01 - History of Cardiac CT: Single to 256 Multislice CT

Teruhito Mochizuki

10:45 am - 11:00 am

02 - Design Considerations for an Optimized Cardiac CT System

Thomas G. Flohr

11:00 am - 11:15 am

03 - Low Contrast Resolution Evaluation of a Prototype 256-slice CT Scanner

Miwa Okumura

11:15 am – 11:30 am

04 - Simultaneous Automated Assessment of Atrial and Ventricular Volumes and Left Ventricular Mass by Multi-Detector Computed Tomography Using a Novel Algorithm

Mark A. Iler

11:30 am – 11:45 am

05 - Modeling Inter-Individual and Inter-Phase Shape Variability for Model-Based Segmentation of Cardiac MSCT Images

Olivier Ecabert

11:45 am – 12:00 pm

06 - Motion-Compensated Reconstruction in Cardiac CT

Udo van Stevandal

MAIN ROOM

1:20 pm - 3:00 pm

DIDACTIC TRACK: Scan Protocols for Cardiac CT - Step by Step

Chairs: Martin H.K. Hoffmann and Norbert M. Wilke

1:20 pm - 1:45 pm

Coronary Calcium: Acquisition and Quantification

Udo Hoffmann

1:45 pm - 2:10 pm

Coronary CT Angiography

W. Guy Weigold

2:10 pm - 2:35 pm

Basics of Post-Processing

Maros Ferencik

2:35 pm - 3:00 pm

"How to Create A 4-Chamber View" - An Introduction to Dynamic Cardiac Analysis

Norbert M. Wilke

BREAKOUT ROOM I

1:20 pm – 3:00 pm

ADVANCED TRACK: Getting Most Out of Your CT Data Sets

Chairs: J. Jeffrey Carr and Koen Nieman

1:20 pm - 1:45 pm

Coronary Calcium: Prospective Triggering, Retrospective Gating, Agatston Score or Volume?

J. Jeffrey Carr

1:45 pm - 2:10 pm

Coronary CTA: Optimizing Image Quality

Stephan Achenbach

2:10 pm - 2:35 pm

Protocols for Viability and Perfusion

Joao A.C. Lima

2:35 pm - 3:00 pm

Modifying Acquisition and Contrast Injection in Special Situations (Veins, GUCH, Right Heart and Others)

James P. Earls

BREAKOUT ROOMS II THROUGH V

1:20 pm - 3:00 pm

Read with the Experts/Case Presentations

Room II: Suhny Abbara and Stephan Achenbach

Room III: Joao A.C. Lima and David E. Bush

Room IV: W. Guy Weigold and Mario J. Garcia

Room V: Mathew J. Budoff, J. Jeffrey Carr and Lance Sullenberger

MAIN ROOM

3:40 pm - 5:20 pm

MAIN SESSION: CT Beyond the Heart

Chairs/Moderators: David E. Allie and Jerome F. Breen

3:40 pm - 4:05 pm

Diagnosis and Management of Peripheral Vascular Disease: Current Concepts

Cameron M. Akbari

4:05 pm - 4:30 pm

Carotid and Peripheral CTA

David E. Allie

4:30 pm - 4:55 pm

CTA of Thoraco-Abdominal Vessels

Jerome F. Breen

4:55 pm - 5:20 pm

The Role Of CT in Assessing Pulmonary Embolism

U. Joseph Schoepf

BREAKOUT ROOM I

3:40 pm – 5:10 pm

ORAL ABSTRACT SESSION - Clinical I: Calcium and Plaque

Chairs: Allen J. Taylor and Thomas J. Brady

Abstract 13 - 18

3:40 pm – 3:55 pm

13 - Coronary Calcium Progression Rates with a Zero Initial Score

Ambarish Gopal

3:55 pm – 4:10 pm

14 - Coronary Calcium Progression in the Presence of Pre-Existing Calcification

Matthew J. Budoff

4:10 pm – 4:25 pm

15 - Multislice CT in the Detection of Burden Coronary Plaque

Patricia M. Carrascosa

4:25 pm – 4:40 pm

16 - Assessment of Coronary Atherosclerotic Plaque Volume Using 64-slice Multidetector CT: Impact of Age and Cardiovascular Risk Factors

Mohamed Marwan

4:40 pm – 4:55 pm

17 - The Relationship Between Coronary Artery Calcium and Statin Use Over 6 Years

Allen J. Taylor

4:55 pm – 5:10 pm

18 - Changes in Coronary Atherosclerotic Plaque Volume Over Time: Assessment by 64-slice CT

Michael Schmid

BREAKOUT ROOMS II THROUGH V

3:40 pm - 5:20 pm

Read with the Experts/Case Presentations

Room II: Suhny Abbara and Stephan Achenbach

Room III: Joao A.C. Lima and David E. Bush

Room IV: W. Guy Weigold and Mario J. Garcia

Room V: Mathew J. Budoff, J. Jeffrey Carr and Lance Sullenberger

5:45 pm - 7:15 pm

MANUFACTURERS' SESSION: New Technology Developments and their Impact on Cardiac CT

Chairs/Moderators: Thomas J. Brady and Daniel S. Berman

Saturday, July 15, 2006

MAIN ROOM

8:15 am - 9:55 am

MAIN SESSION: Coronary Calcium

Chairs/Moderators: Daniel S. Berman and Tracy Q. Callister

8:15 am - 8:40 am

Risk Assessment by Calcium: Data and Recommendations

Lance Sullenberger

8:40 am - 9:05 am

Coronary and Vascular Calcification: Special Considerations in Patients with Renal Disease

Paolo Raggi

9:05 am - 9:55 am

Debate on Calcium Progression

PRO: Mathew J. Budoff; CON: Allen J. Taylor

PRO: Calcium Progression is a Valuable Marker for Diagnosis and Treatment (15 minutes)

CON: There is No Role for Repeated Calcium Measurements (15 minutes)

Rebuttal - PRO (5 minutes)

Rebuttal - CON (5 minutes)

Questions and Answers (10 minutes)

BREAKOUT ROOM I

8:15 am - 9:45 am

ORAL ABSTRACT SESSION: Technology II

Chairs: Jack A. Ziffer and Kazuhiro Katada

Abstract O7 - 12

8:15 am – 8:30 am

07 - Initial Clinical Experience With Coronary CT Angiography Using 256-slice Multislice CT

Kazuhiro Katada

8:30 am – 8:45 am

08 - Image Reconstruction and Performance Evaluation for ECG-controlled Cardiac CT with a Dual-Source CT (DSCT) System

Thomas G. Flohr

8:45 am – 9:00 am

09 - Cardiac Functional Analysis with “One-Beat Whole Heart Imaging” Using the 2nd Spec 256-multislice CT

Hiroshi Higashino

9:00 am – 9:15 am

10 - A New Approach to Non-invasive Coronary Angiography by Multidetector Computed Tomography. Preliminary Experience Using Gadolinium

Patricia M. Carrascosa

9:15 am – 9:30 am

11 - A New Method of Measuring Non-Calcified Coronary Atherosclerotic Disease by MDCTA

Melvin E. Clouse

9:30 am – 9:45 am

12 - Automated Quantitation of Pericardial Fat from Non-contrast CT

Damini Dey

BREAKOUT ROOMS II THROUGH V

8:15 am - 9:55 am

Read with the Experts/Case Presentations

Room II: Suhny Abbara and Stephan Achenbach

Room III: Joao A.C. Lima and David E. Bush

Room IV: W. Guy Weigold and Mario J. Garcia

Room V: Mathew J. Budoff, J. Jeffrey Carr and Lance Sullenberger

MAIN ROOM

10:30 am - 12:10 pm

MAIN SESSION: Assessment of Non-Calcified Plaque

Chairs: Allen J. Taylor and Zahi Fayad

10:30 am - 10:55 am

Detection and Quantification of Non-Calcified Plaque by CT

Maros Ferencik

10:55 am - 11:20 am

Can We Characterize Non-Calcified Plaque Using CT?

Alexander W. Leber

11:20 am - 12:10 pm

Debate: Clinical Implications of Non-Calcified Plaque Assessment

PRO: Harvey S. Hecht, CON: Stephan Achenbach

Pro: Non-Calcified Plaque Should be Measured for Risk Stratification (15 minutes)

Con: There is No Justification to Use Non-Calcified Plaque Imaging for Clinical Decision Making (15 minutes)

Pro: Rebuttal (5 minutes); Con: Rebuttal (5 minutes); Questions and answers (10 minutes)

BREAKOUT ROOM I

10:30 am - 12:00 pm

ORAL ABSTRACT SESSION - Clinical II: Myocardium

Chairs: Paolo Raggi and Thomas C. Gerber

Abstract 19 - 24

10:30 am – 10:45 am

19 - Myocardial Perfusion and Wall Motion Abnormalities During Adenosine Stress Multi-detector Computed Tomography Perfusion Imaging

Richard T. George

10:45 am – 11:00 am

20 - Clinical Usefulness of the Adenosine Triphosphate Stress MSCT

Akira Kurata

11:00 am – 11:15 am

21 - Measurement of Left Ventricular Myocardial Mass by Cardiac CT Angiography

Song Shou Mao

11:15 am – 11:30 am

22 - Detection of Myocardial Ischemia Using First-Pass Perfusion Imaging of 64-slice Multidetector Computed Tomography

Michinobu Nagao

11:30 am – 11:45 am

23 - CT For Attenuation Correction in Myocardial Perfusion PET, Incremental Diagnostic Value Beyond Attenuation Correction with Non-Contrast CT Images in Consecutive Patients

Randall C. Thompson

11:45 am – 12:00 pm

24 - 64-slice Multi-detector CT in the Evaluation of ARVD/C - Clinical Utility and Radiographic Findings

Srikanth Sola

BREAKOUT ROOMS II THROUGH V

10:30 am - 12:10 pm

Read with the Experts/Case Presentations

Room II: Suhny Abbara and Stephan Achenbach

Room III: Joao A.C. Lima and David E. Bush

Room IV: W. Guy Weigold and Mario J. Garcia

Room V: Mathew J. Budoff, J. Jeffrey Carr and Lance Sullenberger

MAIN ROOM

1:20 pm - 3:00 pm

DIDACTIC TRACK: Tips and Tricks

Chairs: W. Guy Weigold and J. Jeffrey Carr

1:20 pm - 1:45 pm

Optimal Patient Preparation for Coronary CTA

W. Guy Weigold

1:45 pm - 2:10 pm

Typical Artifacts in Coronary CTA

Maros Ferencik

2:10 pm - 2:35pm

Identifying the Most Frequent Coronary Anomalies

Dieter S. Ropers

2:35 pm - 3:00 pm

Reporting of Coronary CTA Investigations

Michael Poon

BREAKOUT ROOM I

1:20 pm – 3:00 pm

ADVANCED TRACK: Difficult Situations in CTA

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

1:20 pm - 1:45 pm

Recognizing and Dealing With Typical Artifacts in CTA

Stephan Achenbach

1:45 pm - 2:10 pm

Quantification of Stenosis: Is It Really Possible?

Richardo C. Cury

2:10 pm - 2:35 pm

kV, mAs, Pulsing: What Can be Done to Lower Radiation Dose?

Thomas C. Gerber

2:35 pm - 3:00 pm

High and Irregular Heart Rates: Whom Can and Whom Can't We Scan?

Martin H.K. Hoffmann

MAIN ROOM

3:30 pm - 5:10 pm

MAIN SESSION: Cardiac CT Programs: Opportunities and Challenges

Chairs/Moderators: L. Samuel Wann and Gilbert L. Raff

3:30 pm - 3:55 pm

Tips and Tricks to Run a Successful Cardiac CT Program

Tracy Q. Callister

3:55 pm - 4:20 pm

Private Practice Practicalities

Tim Attebery

4:20 pm - 4:45 pm

Credentialing for Cardiac CT

Mathew J. Budoff

4:45 pm - 5:10 pm

Reimbursement: Current situation

Denise Garris

BREAKOUT ROOM I

3:30 pm - 5:00 pm

ORAL ABSTRACT SESSION - Clinical III: Valvular Disease

Chairs: Michael Ridner and Yuichi Sato

Abstract 25 - 30

3:30 pm – 3:45 pm

25 - Evaluation of Aortic Valve Disease by 64-row Multidetector Computed Tomography compared with Echocardiography

Hiroyuki Niinuma

3:45 pm – 4:00 pm

26 - 64-slice Computed Tomography Allows Accurate Quantification of Aortic Valve Stenosis in Comparison to Invasive Hemodynamic Assessment

Ulrike Ropers

4:00 pm – 4:15 pm

27 - Detection of Aortic Valve Regurgitation Using 64-Slice Computed Tomography

Aki Sato

4:15 pm – 4:30 pm

28 - Assessment of the Aortic Valve Area and Morphology During Cardiac CT Angiography

Ethan J. Halpern

4:30 pm – 4:45 pm

29 - A Novel Method for Measuring the Short Axis of the Mitral Annulus Using Multi-Detector Cardiac Computerized Tomography

Adam Dunn

4:45 pm – 5:00 pm

30 - Management of Adults with Congenital Heart Disease: The Essential Role of Cardiovascular CT

Peter C. Dyke

5:15 pm - 6:15 pm

POSTER AREAS

Moderated Poster Sessions

Poster Session 1: New Techniques

Chair: Zahi Fayad and Suhny Abbara

Abstract 31 - 42

31- Qualitative Validation of Automatic Full Heart Segmentation in Three-Dimensional MSCT Images

Olivier Ecabert

32 - Comparison of Two Initialization Methods for Automatic, Whole-Heart, Model-Based Segmentation of Multiphase Cardiac MSCT Images

Matthew Walker

33 - Integrating CT in Minimally Invasive Treatment of the Coronary Arteries

Daniel Ruijters

34 - Distinguishing Myocardial Perfusion Defect from Low Attenuation Artefact in Coronary CT Angiogram

Kakuya Kitagawa

35 - Coronary CT Angiography Using 2nd-spec 256 Multi-detector-row CT

Teruhito Kido

36 - Proposal and Evaluation of a CTA Based Grading System for Coronary Collaterals

Johannes Rieber

37 - Evaluation of Kymogram-Based Phase-Correlated Image Reconstruction (medical study)

Tobias Pflederer

38 - Noninvasive Coronary Angiography Using 256-slice Multislice Computed Tomography Versus Invasive Conventional Coronary Angiography

Sadako Motoyama

39 - Multi Detector CT Coronary Angiography Multiphase Analysis Increases the Number of Evaluable Patients

Giuseppe Maiolino

40 - Differential Effect of X-ray Characteristics ("Dual Energy") on the Attenuation of Coronary Atherosclerotic Plaque Components

Martin Wechsel

41 - Gantt Diagrams for Contrast Bolus Timing in CT Coronary Angiography

Edward W. Bough

42 - 3D Shadowing-VR: Are We Analysing the Plaque Burden and the Vessel Wall?

Roberto Sasdelli Neto

Poster Session 2: CT Assessment of Coronary Disease I

Chair: John R. Lesser and Dieter S. Ropers

Abstract 43 - 54

43 - Role of Multislice CT in the Characterization of Coronary Plaques. Comparison with Intravascular Ultrasound

Patricia M. Carrascosa

44 - Evaluation of the Ability of Statin Therapy to Affect Coronary Artery Plaque Volume: A Comparison of Fluvastatin versus Pitavastatin

Takahisa Sato

45 - Interobserver Variability of 64-slice Computed Tomography for the Quantification of Non-Calcified Coronary Atherosclerotic Plaque
Tobias Pflederer

46 - Relationship Between Coronary Arteries Plaque Characteristics by Multidetector Computed Tomography and Myocardial Ischemia Detected by Stress Myocardial Perfusion Imaging
Megumi Shimada

47 - Multislice Cardiac Computed Tomography has Additive Value to Exercise Electrocardiogram in Patients with Family History for Premature Coronary Artery Disease
Bharati Shivalkar

48 - Coronary Disease in an Asymptomatic Population
Hitender Jain

49 - Evaluation of Patients Post Coronary Bypass with Cardiac CT Angiography
Claudio Smuclovsky

50 - Practicality, Safety and Accuracy of Computed Tomography Coronary Angiography in Stratifying Low TIMI-score Chest Pain Patients: A Brief Report
Kean Soon

51 - Use of 64-row Multidetector Computed Tomography and Syngo Circulation® as an Objective Coronary Imaging Tool Before Percutaneous Coronary Stenting
Bernard SP Chin

52 - Pre-stenting Assessment of Plaque Dimension with CT-coronary Angiography
Kean Soon

53 - Assessment of Plaque Components in Chronic Total Occlusions by 16-slice Computed Tomography: Comparison with 3D-IVUS
Naoyuki Yokoyama

54 - Coronary Calcium Scanning Before Cardiac Computed Tomographic Angiography Reduces the Total Effective Radiation Dose
Matthew J. Budoff

Poster Session 3: CT Assessment of Coronary Disease II
Chair: David E. Bush and Martin H.K. Hoffmann
Abstract 55 - 66

55 - Heart Rate and Beta Blocker Effects on Image Quality of Coronary Artery Calcium Scans by MDCT
James R. Adams

56 - Efficacy of an Intravenous Pre-Medication Regimen in Reducing Heart Rate Prior to Coronary CT Angiography
Srikanth Sola

57 - Dual Source Computed Tomography – Influence of Heart Rate on Image Quality, Reconstruction Window and ECG-gated Dose Modulation
Ulrike Ropers

58 - From 4 to 64-row Multi-Detector Coronary Computed Tomography Angiography (Coronary CTA): Where Did We Get 10.000 Cases Later?
Roberto Sasdelli Neto

59 - Diagnostic Performance of 64-Slice CT Coronary Angiography: Results from a Meta-Analysis of 10 Studies
Andrew J. Einstein

60 - Coronary Computed Tomography in Atrial Fibrillation Patients: Finding the Best Reconstruction Phase for the Right Coronary
Ilan Gottlieb

61 - Detection of Anatomical Course of Left Phrenic Nerve and its Relation with Cardiac Structures Relevant to LV Pacing by 64 MDCT
Subramaniam Krishnan

62 - MDCT imaging of Vascular Supply to the Sinoatrial node (SAN) and Atrioventricular Node (AVN)
Farhood Saremi

63 - Quantitative Myocardial Perfusion Imaging During First-pass Contrast-enhanced Helical Multi-detector Computed Tomography
Richard T. George

64 - Coronary Anomalies by Cardiac CT Angiography (CTA)
Matthew J. Budoff

65 - Detection of Congenital Coronary Artery Anomalies with Multidetector Computed Tomography
Peter Varga

66 - Diagnosis of Pulmonary Embolism by Multidetector Row CT
Patricia M. Carrascosa

Poster Session 4: Coronary Calcium
Chair: Matthew J. Budoff and Melvin E. Clouse
Abstract 67 - 76

67 - Interscan Variability of Coronary Artery Calcification Using 16-Row Multidetector CT
Anil Kumar Attili

68 - Correlation between Abdominal Aortic Calcification on Spiral CT and Coronary Calcification Measured by Electron Beam CT
Monique Ford

69 - Percentage of Individuals with Marked Discordance Between Coronary Artery Calcium Score and Framingham Risk Score
Mirvat Alasnag

70 - Correlation of Coronary Calcium Scoring with Radionuclide Myocardial Perfusion Scanning in a Tertiary Referral Centre in Singapore
Terrence Chua

71 - Significance of Coronary Artery Calcium Scores in Symptomatic Women with Non-Obstructive Coronary Artery Disease
S. Shareghi

72 - Reclassification of Patients for Aggressive Cholesterol Treatment: Additive Value of CT Angiography on NCEP Guidelines in Patients with Hypercholesterolemia
Tudor Scridon

73 - Effect of CHD Risk Factors Clustering on Coronary Atherosclerosis Progression Across Spectrum of Baseline Coronary Artery Calcium Scores
Khurram Nasir

74 - To What Extent is Diabetes a Coronary Artery Disease Risk Equivalent in an Asymptomatic Population? A Cross-sectional study Using 64-Slice Multidetector CT
Swaminatha V. Gurudevan

75 - Differential Calcium Deposits in Infarct-Related and Non-Infarct-Related Coronary Arteries in Patients with Acute Myocardial Infarction
Ming-Ting Wu

76 - Multislice Computed Tomographic Characteristics of Coronary Lesions in Acute Coronary Syndromes
Sadako Motoyama

Poster Session 5: Clinical Applications
Chair: Robert Gilkeson and Norbert M. Wilke
Abstract 77 - 93

77 - Quantitative Assessment of Regional Left Ventricular Wall Thicknesses and Systolic Thickening Using 16-slice MDCT: A Comparison with Cine-MR Imaging
Hiroshi Higashino

78 - Ejection Fraction by 64 slice Cardiac Computed Tomography vs. Single Photon Emission Computed Tomography or 2D Echocardiography in A Community Clinical Practice Setting
James N. Kirkpatrick

79 - Validation of Left Ventricular Function using Multidetector CT and Echocardiography
Robin Singh

80 - Accuracy of MDCT in Assessment of Left Atrial Appendage Filling Defects in Patients with Atrial Fibrillation Undergoing Radiofrequency Pulmonary Vein Antral Isolation
Milind Y. Desai

81 - Late Acquisition for the Evaluation of Myocardial Viability by MSCT
Patricia M. Carrascosa

82 - In-*Stent* Minimal Lumen Diameter (MLD) Measured by Quantitative Coronary Angiography (QCA) and by Multi-detector Coronary Computed Tomography Angiography (MDCTA): a Comparison of the Accuracy in 16 and 64-row CT Scanners
Roberto Sasdelli Neto

83 - Incorporation of 64-Slice Cardiovascular CT into Clinical Practice in a University Hospital: Initial Experience and Effects on Invasive and Interventional Procedural Volumes
Alex J. Auseon

84 - Utility of Cardiac CT in Diagnosing Coronary Fistulae and Anomalous Coronary Arteries
Kheng-Thye Ho

85 - Pulmonary Vein Anatomy. Assessment by Multidetector CT
Patricia M. Carrascosa

86 - Usefulness of CT Angiography in the Follow Up of Abdominal Aortic Aneurysm Treatment
Patricia M. Carrascosa

87 - Prevalence of Extra Cardiac Disease in Patients Undergoing Cardiac CTA
Seth Baum

88 - Significant Incidental Extracardiac Findings on Cardiac CTA
Ethan J. Halpern

89 - The Role of 64-Channel CTA in the Diagnosis and Treatment of Patients with Critical Limb Ischemia and Limb Salvage
David E Allie

90 - A 64-Channel Validation Study in the Treatment of Peripheral Vascular Disease from “Head-to-Toe” Utilizing a Low Contrast Volume Protocol
David E. Allie

91 - Contrast-Induced Nephropathy (CIN) in Risk Patients: A Double Blind Comparison of Iopamidol and Iodixanol
Gilles Soulez

92 - Effects of Nonionic Iodinated Contrast Media on Heart Rate in Patients Undergoing Multidetector CT Exams: Comparison of Iopamidol-370 and Iodixanol-320
Gilles Soulez

93 - 64 MDCT: A Guide to Coronary Stenting?
Jean Louis Sablayrolles

Sunday, July 16, 2006

MAIN ROOM

8:15 am - 10:30 am

MAIN SESSION: There is More to the Heart than Just Coronary Arteries ...

Chairs: John R. Lesser and L. Samuel Wann

8:15 am - 8:40 am

... Veins, for Example

Suhny Abbara

8:40 am - 9:05 am

Pericardium and Myocardium

Jerome F. Breen

9:05 am - 9:30 am

Valvular Disease

Robert Gilkeson

9:30 am - 9:55 am

CT Applications in Adult Congenital Heart Disease

Lawrence M. Boxt

9:55 am - 10:20 am

"Late Enhancement" and Perfusion - Update on Recent Developments

Joao A.C. Lima

10:50 am – 1:00 pm

MAIN SESSION: Incorporating Cardiovascular CT into Clinical Practice

Chairs: Michael Poon and Stephan Achenbach

10:50 am - 11:20 am

The 2006 Top 10 List of Clinical Indications for Cardiac CT

Stephan Achenbach

11:20 am - 11:45 am

MR and CT: Friends or Foes?

John R. Lesser

11:45 am - 12:10 pm

CT Versus Nuclear Medicine: Competition and Cooperation

Jack A. Ziffer

12:10 pm - 12:35 pm

2006 Meeting Highlights

Thomas J. Brady

12:35 pm – 1:00 pm

Awards Ceremony and Closing Remarks