

Final PROGRAM Cardiac MRI & CT Meeting 2010

Registration from 12:30

Friday April 23rd, 2010

- 14:00** **Welcome and Introduction**
Herbert Frank (Tulln, Austria)
- 14:10–15:00** **Session I**
IMAGING PROTOCOLS
- Chair: Herbert Frank (Tulln, Austria)**
Udo Hoffmann (Boston, USA)
- 14:10-14:35 CT Image Protocols, Processing and Pitfalls
Koen Nieman (Rotterdam, Netherlands)
- 14:35-15:00 MRI Image Protocols, Processing and Pitfalls
Jeanette Schulz – Menger (Berlin, Germany)
- 15:00-16:00** **Session II**
MINI REFRESHER COURSE: HOW TO DO
IMAGING IN CAD PATIENTS?
- Chair: Koen Nieman (Rotterdam, Netherlands)**
Herbert Frank (Tulln, Austria)
- 15:00-15:20 How to do CTA
Patrik Rogalla (Toronto, Canada)
- 15:20-15:40 How to do MRI stress
Eike Nagel (London, UK)

15:40-16:00 How to do late enhancement imaging
Jeanette Schulz – Menger (Berlin, Germany)

16:00-16:20 Panel:
Patrik Rogalla (Toronto, Canada)
Eike Nagel (London, UK)
Jeanette Schulz – Menger (Berlin, Germany)

16:20-16:40 Coffee Break

**16:40–18:40 Session III
MY PERSONAL EXPERIENCE CT/MRI**

**Chair: Charles Higgins (San Francisco, USA)
Andrew Arai (Bethesda, USA)**

16:40-17:10 Tips and Tricks MRI
Heiko Mahrholdt (Stuttgart, Germany)

17:10-17:40 Tips and Tricks CT
Koen Nieman (Rotterdam, Netherlands)

17:40-18:00 Panel:
Heiko Mahrholdt (Stuttgart, Germany)
Koen Nieman (Rotterdam, Netherlands)

18:30 Wine & Cheese Reception

19:00 - 19:42 Poster Presentations A

**Chair: Udo Hoffmann (Boston, USA)
J. Schulz-Menger (Berlin, Germany)**

See for abstracts page

- 19:00-19:06 P1 Multislice Computer Tomographic Coronary Angiography for Preoperative Risk Stratification in Patients undergoing Liver Transplantation
Guy Friedrich (Innsbruck, Austria)
- 19:06-19:12 P2 Dual Energy CT for Coronary artery plaque characterization and risk stratification
Panse Prasad (Phoenix, Arizona)
- 19:12-19:18 P3 Evaluation of coronary Arteries with ECG gated 64-Multislice Computed Tomography (MSCT) in Patients with suspected aortic dissection Stanford type A
L. Veljanovska (Skopje, Macedonia)
- 19:18-19:24 P4 Modeling The rotation motion of the heart using tagged magnetic Resonance imaging (TMRI)
Mohammed Dahawy Alenezy (Damman, Saudi Arabia)
- 19:24 – 19:30 P5 Coronary artery calcification, inflammation and global left ventricular function estimated by 64 slice MsCT in patients with chronic coronary artery disease
Ivana Burazor (Nis, Serbia)

19:30 – 19:36 P6 MDCT coronarygraphy in the assessment the stenosis of aorta-coronary bypass
Adrijana Kostic-Mirkovic (Podgorica, Montenegro)

19:36 – 19:42 P7 A rare case of ascending aorta papillary fibroelastoma
Tanina Rolf (Lausanne, Switzerland)

19:00 - 19:48 **Poster Presentations B**

**Chair: Koen Nieman (Rotterdam, Netherlands)
Herbert Frank (Tulln, Austria)**

See for abstracts page

19:00-19:06 P8 Role of Cardiac MR and MDCT in the Differentiation of Ventricular Aneurysms
Parvin V. Patil (Farmington, USA)

19:06-19:12 P9 Prognostic value of MSCT calcium scoring in the prediction of coronary artery pathology in chronic renal failure
Mohamed Salah Moselhey (Khamis Mushayt, Saudi Arabia)

19:12-19:18 P10 CT assessment of chest pain: a two-step approach
James F. Gruden (Phoenix, Arizona)

19:18-19:24 P11 Total pericardial absence revealed by 64-slice MSCT coronarography
Milan Stanistic (Belgrad, Serbia)

- 19:24 – 19:30 P12 Efficiency of MDCT angiography method for detection of intramural aortic hematoma and for selection of treatment tactics
N. Jinjolia (Tbilisi, Georgia)
- 19:30 – 19:36 P13 Systolic dyssynchrony index at real-time 3D echocardiography predicts coronary artery calcification in high-risk asymptomatic patients
E. De Marco (Rome, Italy)
- 19:36 – 19:42 P14 Early signs of global left ventricular dyssynchrony are revealed by real-time 3-dimensional echocardiography in high-risk patients with type II diabetes and relates with higher coronary calcium score
E. De Marco (Rome, Italy)
- 19: 42 – 19:48 P15 Is 'PET-optimized CT' protocol suitable in extrapulmonary tuberculosis infection?
Abdul Jalil Nordin (Serdang, Malaysia)

Saturday April 24, 2010

Session IV

09:00 – 09:50 **“CORONARY ARTERY DISEASE” – The asymptomatic Patient: Who should be imaged, how and what will it mean?**

**Chair: Andrew Arai (Bethesda, USA)
E. Giannitsis (Heidelberg, Germany)**

09:00-09:20 Main Lecture: Current concepts in Cardiology-
Classical Risk Prediction: how effective is it?
Allen Taylor (Washington, USA)

09:20-09:35 CAC screening-is it prime time?
Udo Hoffmann (Boston, USA)

09:35-09:50 How to detect the vulnerable plaque?
Farouc Jaffer (Boston, USA)

09:50-10:10 Panel: Time for primary prevention imaging?
Allen Taylor (Washington, USA)
Udo Hoffmann (Boston, USA)
Farouc Jaffer (Boston, USA)

Session V

10:10-10:40 **IMAGING EARLY ATHEROSCLEROSIS: Others view**

**Chair: Farouc Jaffer (Boston, USA)
Allen Taylor (Washington, USA)**

10:10-10:25 Epidemiology of imaging of early atherosclerosis in
asymptomatic patients
Andrew Arai (Bethesda, USA)

- 10:25-10:40 Can Cost Effectiveness Analysis justify the use of
imaging in primary prevention
Maria Hunink, (Rotterdam, Netherlands)
- 10:40-11:00 Coffee Break
- Session VI**
11:00–12.20 CLINICAL CASE PRESENTATIONS I
- Chair: Herbert Frank (Tulln, Austria)**
Charles Higgins (San Francisco, USA)
- 11:00–11:36 CT Case Presentations
- 11:00-11:09 Patrik Rogalla (Toronto, Canada)
11:09-11:18 Koen Nieman (Rotterdam, Netherlands)
11:18-11:27 Udo Hoffmann (Boston, USA)
11:27-11:36 Stephan Achenbach (Erlangen, Germany)
- 11:36–12:12 MR Case Presentations
- 11:36-11:45 Filippo Civaia (Monaco, Monaco)
11:45-11:54 Heiko Mahrholdt (Stuttgart, Germany)
11:54-12:03 Jeanette Schulz-Menger (Berlin, Germany)
12:03-12:12 Sanjay Prasad (London, UK)
- 12:15-13:45 Lunch (voucher required)

13.45-15.00 **Session VII**
“CORONARY ARTERY DISEASE” – The patient with stable angina

Chair: Eike Nagel (London, UK)
Udo Hoffmann (Boston, USA)

13:45-14:05 Main Lecture: Current Concepts in Cardiology
Farouc Jaffer (Boston, USA)

14:05-14:20 Coronary CTA – Is it enough for further therapeutic decision making?
Stephan Achenbach (Erlangen, Germany)

14:20-14:35 MRI in patients with stable CAD
Charles Higgins (San Francisco, USA)

14:35-15:00 Panel: Management of Patients with chronic symptomatic CAD – why Imaging?
Farouc Jaffer (Boston, USA)
Stephan Achenbach (Erlangen, Germany)
Charles Higgins (San Francisco, USA)

15:00-15:20 Coffee Break

15.20-16.40 **Session VIII**
“ACUTE CORONARY SYNDROME”

Chair: Maria Hunink (Rotterdam, Netherlands)
Thomas Brunner (Vienna, Austria)

15:20-15:40 Main Lecture: Current guidelines in treatment of ACS
Evangelos Giannitsis (Heidelberg, Germany)

- 15:40-15:55 CT based ACS evaluation in the Emergency Department – Utility and Cost Effectiveness
Udo Hoffmann (Boston, USA)
- 15:55-16:10 MRI based evaluation of patients with acute chest pain in the ED - Utility and Cost Effectiveness
Andrew Arai (Bethesda, USA)
- 16:10-16:40 Panel: Management of Patients with ACS – who to image and why?

Evangelos Giannitsis (Heidelberg, Germany)
Udo Hoffmann (Boston, USA)
Andrew Arai (Bethesda, USA)
- 16:40–17:45 Session IX**
“CT&MR SIDE EFFECTS – Radiation and NSF”
- Chair: Sanjay Prasad (London, UK)**
Heiko Mahrholdt (Stuttgart, Germany)
- 16:40-16:55 Safety aspects during cardiac imaging - what is our concern
Jürg Schwitter (Lausanne, Switzerland)
- 16:55-17:10 What should we know about Contrast Agents
Hubertus Pietsch (Berlin, Germany)
- 17:10-17:25 Safety of CA in patients with renal failure
Pontus Persson (Berlin, Germany)
- 17:25 – 17:45 Panel:
Jürg Schwitter (Lausanne, Switzerland)
Hubertus Pietsch (Berlin, Germany)
Pontus Person (Berlin, Germany)

- Session X**
17:45–18:00 **INDUSTRY FORUM – THE MRI CASE**
- Chair: Filippo Civaia (Monaco)**
Herbert Frank (Tulln, Austria)
- 17:45 – 18:00 Siemens:
Reto Merges (Erlangen, Germany)
- Session XI**
18:00-19:00 **“HOT TOPICS”**
- Chair: Thomas Brunner (Vienna, Austria)**
Stephan Achenbach (Erlangen, Germany)
- 18:00-18:20 Cardiac MRI – Equal or better than SPECT?
Herbert Frank (Tulln, Austria)
- 18:20-18:40 Non ischemic late enhancement
Heiko Mahrholdt (Stuttgart; Germany)
- 18:40-19:00 Role of CT/MRI in electrophysiology
Sanjay Prasad (London; UK)
- 20:00 **Social Event**
La Plage du Rado
La Croisette, Cannes (voucher required)

Sunday April 25, 2010

09:00-09:30 CASE QUIZ AND POSTER PRIZE

Udo Hoffmann (Boston, USA)
Herbert Frank (Tulln, Austria)

09.30-10.30 Session XII THE COMPLEX CAD PATIENT: The imaging approach from the view of the specialist

**Chair: Allen Taylor (Washington, USA)
Charles Higgins (San Francisco, USA)**

09:30-09:50 The non-interventionist's view
Jürg Schwitter (Lausanne, Switzerland)

09:50-10:10 The interventionist's view
Thomas Brunner (Vienna Austria)

10:10-10:30 Panel: Morphology vs. perfusion
Jürg Schwitter (Lausanne, Switzerland)
Thomas Brunner (Vienna Austria)

10:30-10:50 Coffee Break

Session XIII

10:50-11:20 INDUSTRY FORUM – THE CT CASE

**Chair: Stephan Achenbach (Erlangen, Germany)
Heiko Mahrholdt (Stuttgart, Germany)**

10:50 – 11:05 Siemens
Okan Ekinci (Erlangen, Germany)

11:05 – 11:20 Toshiba
Patrik Rogalla (Toronto, Canada)

**11:20–12.14 Session XIV
CLINICAL CASE PRESENTATIONS II**

**Chair: Jürg Schwitter (Lausanne, Germany)
E. Giannitsis (Heidelberg, Germany)**

11:20 – 11:47 CT Case Presentation

11:20 – 11:29 Udo Hoffmann (Boston, USA)
11:29 – 11:38 Stephan Achenbach (Erlangen, Germany)
11:38 – 11:47 Patrik Rogalla (Toronto, Canada)

11:47 – 12:14 MR Case Presentation

11:47 – 11:56 Charles Higgins (San Francisco, USA)
11:56 – 12:05 Eike Nagel (London, UK)
12:05 – 12:14 Filipo Civaia, (Monaco)

**12.14-12:44 Session XV
MY TOP TEN INDICATIONS**

**Chair: Udo Hoffmann (Boston, USA)
Sanjaz Prasad (London, UK)**

12:14-12:29 CT - Top Ten Clinical Indications
Stephan Achenbach (Erlangen, Germany)

12:29-12:44 MRI - Top Ten Clinical Indications
Eike Nagel (London, UK)

12.45 Adjourn
Udo Hoffmann (Boston, USA)