

INTERVENTIONAL CARDIOLOGY 2009

24th Annual International Symposium

March 8-13, 2009

Scientific Program

Sunday, March 8, 2009

Morning Session

7:00 – 9:30 AM

Spanish Session

Chairman: *César Morís, MD, PhD*

Primary Angioplasty for Occluded Left Main in Acute Myocardial Infarction

Angel Cequier, MD, PhD

Intravascular Ultrasound and Progression of Coronary Artery Disease

Fernando Alfonso, MD, PhD

Percutaneous Aortic Valve Replacement: Spanish CoreValve Experience

César Morís, MD, PhD

Italian Session

Chairman: *Giulio Guagliumi, MD*

Off-label or Off-limits? Understanding DES with High-resolution Imaging

Giulio Guagliumi, MD

The Vulnerable Carotid Plaque: What Interventionalists Should Know From Histopathology Analysis

Giuseppe Sangiorgi, MD

SOLACI Session

New Polymer Technology for DES and Bioabsorbable Stents

Alexandre Abizaid, MD, PhD

New Devices for Interventions in Congenital Heart Disease

Carlos A.C. Pedra, MD

Australia/New Zealand Session

Chairman: *Mark Pitney, MD*

Initial Experience with CoreValve Percutaneous Aortic Valve for Patients at High Surgical Risk for Aortic Stenosis in ANZ First 50 Patients

Darren Walters, MD

Outcomes After PCI of Ostial Lesions in the Era of Drug-eluting Stents

David Clark, MD

Sunday, March 8, 2009 - Morning Session (continued)

DES and Ostial Lesions: Have We Made Progress?

Mark Pitney, MD

Risk of Late Stent Thrombosis After Cypher or Xience Stents Plus Six Months Clopidogrel

John Elliott, MD, PhD

The Response of Surgeons and Anaesthetists to the Use of Clopidogrel/Aspirin in Non-vascular Surgery: The Stent Remains at Risk

Patrick Kay, MD

Sunday, March 8, 2009

Oral Abstract Session I & Après Ski

3:15 – 3:45 PM

18-Month Results from the Atlanta FIM with a New Class Of Stent: The CATANIA™ Coronary Stent with Polyzene®-F

Terri Siebert, RN

Afternoon Session

3:45 – 6:30 PM

American Session I

The Importance of Thrombus Removal in Acute Coronary Syndromes

Barry Rutherford, MD

Risk and Importance of Post-PCI Bleeding

Steven P. Marso, MD

MitraClip System – Evalve

James Hermiller MD

****Minnesota Heart Symposium***

Chairman: *Robert S. Schwartz, MD*

Congenital Coronary Anomalies in the Adult and How to Repair

Timothy Kroshus, MD, PhD

Percutaneous Balloon Aortic Valvuloplasty Plus Radiation (RADAR)

Wesley Pedersen, MD

Coronary Plaque Location and Clot in AMI: Vulnerability by Cardiac CT; Microvascular Obstruction by MRI

Robert S. Schwartz, MD

Preservation of Brain Function with Total Body Cooling After Cardiac Arrest

Michael Mooney, MD

****Washington Hospital Center Symposium***

Chairmen: *Augusto D. Pichard, MD and Ron Waksman, MD*

Asymptomatic Aortic Stenosis: New Insights into Prognosis

Augusto D. Pichard, MD

Optimal Outcome with DES: Contribution of IVUS

Augusto D. Pichard, MD

There is Still a Role for Brachytherapy

Ron Waksman, MD

The Bioabsorbable Stents

Ron Waksman, MD

Sunday, March 8, 2009 - Afternoon Session (continued)

Lessons from the IVUS Subgroups in the Randomized Trials of DES vs. BMS

Neil J. Weissman, MD

Prasugrel: Third Generation Thienopyridine

Mark Effron, MD

Monday, March 9, 2009

Morning Session

7:00 – 9:30 AM

Oral Abstract Session II

Diagnostic Performance of 64-Slice CT Angiography Compared with Invasive Coronary Angiography: A Meta-analysis of Single and Multi-center Trials

Arun Kalyanasundaram, MD, MPH

Initial Experience with Retrograde PCI for Chronic Total Occlusions – Comparisons Between Japanese Experts and Our Own Interventions

Eugene Wu MD

American Session II

****Columbia Symposium***

Chairmen: *Martin B. Leon, MD and Jeffrey W. Moses, MD*

PCI Is Superior to Both Medical Rx and CABG: Look at the New Data = Case Closed

Jeffrey W. Moses, MD

PFO Closures for Migraines: Understanding the Clinical Trial Conundrum

Roxana Mehran, MD

****Mini Transcatheter Valve Summit***

Clinical Outcomes After Transcatheter AVR for Critical AS: What We Know and What We Need to Know

Martin B. Leon, MD

Vascular Access Issues and Transcatheter AVR: Patient Selection, Tips, Tricks and Complication Management Solutions

William A. Gray, MD

A Surgeon/Interventionalist's Perspective on Transcatheter AVR: My Crystal Ball Predictions

Mathew R. Williams, MD

Japanese Session

Chairmen: *Osamu Katoh, MD and Etsuo Tsuchikane, MD*

The Evolution of Japanese CTO Angioplasty: Data from the Japanese CCT and CTO Club

Etsuo Tsuchikane, MD

Clinical Results and the Learning Curve Using the Bilateral Antegrade and Retrograde CTO Techniques: Results from the CART Registry

Osamu Katoh, MD

Prevention and Management of Peculiar Complications Related to Retrograde Approach

Yasushi Asakura, MD

Sheathless Trans-radial Intervention: Effectiveness and Pitfalls

Fuminobu Yoshimachi, MD

Monday, March 9, 2009 - Morning Session (continued)

Trans-radial Approach for CTO Lesions

Yuji Ikari, MD

Japanese Bifurcation Stenting (Single-Kiss Trial)

Kenya Nasu, MD

The Value of MDCT for Renal Artery Disease Intervention

Takahide Kodama, MD

Monday, March 9, 2009

Oral Abstract Session III & Après Ski

3:30 – 4:00 PM

Selected Bone Marrow CD34+CXCR4+ Cells in Acute MI: REGENT TRIAL

Andrzej Ochala, MD

3-D Registration of CT-Based Coronary Artery Calcium and VH-IVUS Confirms Accurate Quantification of Coronary Artery Calcification by CT and Identifies Detection Limit

Jesus Gustavo Vazquez Figueroa, MD

First Demonstration that Age-adjusted IVUS-VH Parameters Significantly Correlate with Biomarkers of Atherosclerosis

Zhen Qian, PhD

Afternoon Session

4:00 – 6:30 PM

American Session III

****Piedmont Symposium***

Chairmen: *William D. Knopf, MD and Szilard Voros, MD*

Atlanta Project: Combined Non-invasive and Interventional Approaches to Plaque Definition (CT) Interventional Approaches to Management of Moderate Plaque and Outcomes (FFR/IVUS-VH)

Szilard Voros, MD

Genetics for the Interventionalist

Szilard Voros, MD

XIENCE Registry: What Does the Real World Data Look Like

William D. Knopf, MD

Drug Elution and the SFA: Is This the Holy Grail?

Bhagat K. Reddy, MD

Cardiomems Technology: Detecting Endo-leaks in AAA and Monitoring CFH

Charles L. Brown III, MD

Clinical Coronary Chemograms and Plaque Vulnerability

Brijeshwar S. Maini, MD

Peripheral Session I: Carotid Stenting

Carotid Revascularization: Which Role is CAS Playing for the Daily Practice in USA and Europe?

Horst Sievert, MD

Monday, March 9, 2009 - Afternoon Session (continued)

“String Sign”, What to Do? The Opinions of:

Neurologist

Krassen Nedeltchev, MD

Vascular Surgeon

Edward B. Diethrich, MD

Interventionalist

Luigi Salemme, MD

The Use of Proximal Clamping for CAS in Octogenarians: Results of an Italian Multi-centre Registry

Antonio Micari, MD

CAS is Not a Complication Free Technique!

Fausto Castriota, MD

Oral Abstract Session IV

Carotid Angioplasty and Stenting: Use of Cutting Balloon for Calcified Carotid Lesions

Armando Liso, MD

Monday, March 9, 2009

**Evening Session - Lagniappe
6:30 – 7:30 PM**

Birth of the Stent

Concept

Julio Palmaz, MD, PhD

Development

Richard A. Schatz, MD

Role of the Balloon for Balloon Expandable Stents

Frank Litvack, MD

Bringing to Market

Marvin Woodall

Designing OUS Clinical Studies

Patrick W. Serruys, MD, PhD

Designing US Clinical Studies

Martin B. Leon, MD

Tuesday, March 10, 2009

Morning Session

7:00 – 9:30 AM

Oral Abstract Session V

The Use of Mechanical Chest Compression Devices Can Save Lives in the Cath Lab

Goran Olivecrona, MD, PhD

Percutaneous Aortic Corevalve Replacement: The Copenhagen Experience

Thomas Engstrøm, DSci, PhD

Scandinavian Session/Baltic Session

Chairman: *Andrejs Erglis, MD, PhD, M. Pauliina Margolis, MD, PhD and Kari Saunamaki, MD, PhD*

****Stents and PCI Technique***

SCANDSTENT: Randomized Comparison of DES vs. BMS in Complex Coronary Lesions Three-year Follow-up

Henning Kelbæk, MD

Efficacy and Safety After Implantation of Coronary Sirolimus, Paclitaxel-eluting and Bare Metal Stents in Western Denmark

Anne Kaltoft, MD, PhD

DES vs. BMS: SCAAR Registry Five-year Follow-up

Stefan James, MD, PhD

PCI Strategies in Bifurcation Treatment: Insights from the Nordic-Baltic Bifurcation Study Programme

Jens F. Lassen, MD, PhD

Nordic Bifurcation Registry: Experience with Left Main Disease

Inga Narbutė, MD

****Antithrombotics***

The Quest for the Ideal Pre-hospital Antithrombotic Treatment in STEMI: The Copenhagen Pre-hospital Bivalirudin Pilot Study

Peter Clemmensen, MD, PhD

Ischemic Events and Bleeding in Patients Undergoing PCI with Concomitant Bivalirudin Treatment: The Improver Registry of 3,799 Patients

Jan K. Madsen, MD

Antithrombotic Treatment of Patients with Atrial Fibrillation Undergoing PCI: AFCAS Registry

K.E. Juhani Airaksinen, MD, PhD

****Intravascular Imaging***

Optical Coherence Tomography Experience

Andrejs Erglis, MD, PhD

Tuesday, March 10, 2009 – Morning Session (continued)

Optical Coherence Tomography Follow-up 1-3 Years After Drug Eluting Stent Implantation

Maria Radu, MD

Virtual Histology in Carotid Arteries

Karlis Trusinskis, MD

****Cells and Genes***

Characterization of Genes Involved in Acute Coronary Syndrome with Whole Genome Scan: The Corogene Study

Juha Sinisalo, MD, PhD

The Importance of Large Real World Registries to Assess Complications and Validate Inter-Device Comparisons (Especially with BMS)

Ulf Stenestrand, MD, PhD

Tuesday, March 10, 2009

Oral Abstract Session VI & Après Ski

3:30 – 4:00 PM

Predictors of Stent Thrombosis in the BASKET Study: A Case Control Study of Angiographic Variables at Baseline

H.P. Brunner-La Rocca, MD

Afternoon Session

4:00 – 6:30 PM

French and Swiss Session

*Chairman: Jean Fajadet, MD, Jean-Jacques Goy, MD, Thierry Lefèvre, MD
and Michael Pieper, MD*

****French Session***

Five Seconds is Not Enough

Thierry Lefèvre, MD

Role of OCT in the Evaluation of Stenting

Philippe Commeau, MD

Provisional T Stenting with Paclitaxel in Bifurcation Lesions: Liberty I Study

Philippe Brunel, MD

Five Years of Left Main Stenting with DES: What Have We Learned?

Olivier Darremont, MD

Left Main Stenting: French Registry (FRIEND): One-year Clinical Outcome

Didier Carrié, MD

****Swiss Session***

Bleeding Complications with Contemporary Routine Use of GP IIb/IIIa Inhibitors in a Tertiary Institution

Gabor Sütsch, MD

Risk Management and PCI from 1978 to 2008

Urs Kaufmann, MD

The Last 10 Years of the Swiss STEMI Patients

Jean-Christophe Stauffer, MD

Ostium Secundum ASD: Experience with the Atriasept Device

Jean-Jacques Goy, MD

Very Late DES Thrombosis: IVUS and Drug Hypersensitivity

Stéphane Cook, MD

Coronary Collaterals in Antegrade vs. Retrograde Approach to CTO

Michael Pieper, MD

Wednesday, March 11, 2009

Morning Session

7:00 – 9:30 AM

Oral Abstract Session VII

Manual Catheter Aspiration in STEMI with Histological Analysis of Aspirated Material

Matjaž Bunc, MD, PhD

Central/Eastern European Session

****Acute Myocardial Infarction***

Chairmen: *Dariusz Dudek, MD, PhD, Adam Witkowski, MD and Robert Gil, MD, PhD*

Does Time Matter in Primary PCI for STEMI: Results of the Multicenter PolAMI Delay Registry

Adam Witkowski, MD

Creating the Optimal Primary PCI Network: A Different Answer for Different Communities

Marko Noc, MD, PhD

Optimal Logistics and Techniques for Primary PCI: STEMI and NSTEMI Networks in Krakow

Dariusz Dudek, MD, PhD and Tomasz Rakowski, MD

How to Improve Survival in Patients After Cardiac Arrest

Marko Noc, MD, PhD

OCT and VH Imaging of Culprit Lesions in Acute MI

Dariusz Dudek, MD, PhD

New Stent Design to Protect Against Distal Embolization

Dariusz Dudek, MD, PhD and Marcin Wizimirski, RT

Role of ST Segment Displacement in Lead aVR in Risk Stratification in Acute Myocardial Infarction

Leszek Bryniarski, MD, PhD

PCI After Failed CABG

Dariusz Dudek, MD, PhD

****Complex PCI***

Chairmen: *Dariusz Dudek, MD, PhD, Marko Noc, MD, PhD and Maciej Lesiak, MD, PhD*

Geometric Analysis of Crush and Culotte Techniques for Bifurcation Lesions Treatment: Can we Optimize Our Results?

Robert Gil, MD, PhD

Immediate and Long-term Follow-up of 300 Patients After LMCA PCI with Provisional T-stenting Technique

Dariusz Dudek, MD, PhD

Wednesday, March 11, 2009 – Morning Session (continued)

Main Vessel Side Branch Distal Angle: New Predictor of Side Branch Occlusion and Restenosis in Coronary Bifurcation Lesions Treated with Main Vessel Stenting

Robert Gil, MD, PhD

New Generation DES in the “Real-world”: Two-year Follow-up of 500 Patients Treated with ENDEAVOR or XIENCE V Stents

Maciej Lesiak, MD, PhD

New Generation Des: New Trials and Concepts

Dariusz Dudek, MD, PhD

Femoral Artery Access and Closure: How to Avoid Complications

Maciej Lesiak, MD, PhD

Wednesday, March 11, 2009

Oral Abstract Session VIII & Après Ski

3:30 – 4:00 PM

A Patient or a Lesion Specific Treatment? Surgical Point of View

Piotr P. Buszman, MD

Early and Late Results of Percutaneous Transluminal Angioplasty of Cephalad Arteries

Piotr P. Buszman, MD

LE MANS Study: One-year Results of Left Main Stenting

Pawel Buszman, MD

Afternoon Session

4:00 – 6:30 PM

Korean Session

Chairman: *Seung-Jung Park, MD, PhD*

Echocardiography in Acute Coronary Syndrome

Jong-Won Ha, MD

Different Clinical and Angiographic Outcomes Among STEMI Patients Treated with Sirolimus, Paclitaxel and Zotarolimus Eluting Stent for: ZEST-AMI Trial

Duk-Woo Park, MD, PhD

Side Branch Patency During Sirolimus, Paclitaxel and Zotarolimus-eluting Stent Implantation: ZEST Bifurcation Sub-study

Young-Hak Kim, MD, PhD

Serial Angiographic and Intravascular Ultrasound Follow-up in Drug-eluting Stents at Two Years: Follow-up DES

Seung-Jung Park, MD, PhD

PCI vs. CABG in Left Main and Multivessel Disease

Seung-Jung Park, MD, PhD

Predictors of Adverse Outcomes in Revascularization for Unprotected Left Main Coronary Artery Stenosis

Young-Hak Kim, MD, PhD

Impact of Pre-procedural VH-IVUS Findings on Long-term Clinical Outcomes

Duk-Woo Park, MD, PhD

Role of Coronary CT Angiography in Patients with Acute Chest Pain

Yeon Hyeon Choe, MD, PhD

Endovascular Treatment of Total Occlusion of Aorta

Dong Hoon Choi, MD, PhD

Wednesday, March 11, 2009 – Afternoon Session (continued)

Cytokine Based Cell Therapy for AMI: Background and Protocol of MAGIC Cell-5-COMBYCYTOKINE TRIAL

Hyo-Soo Kim, MD, PhD

Peripheral Session III: Aortic and Iliac Interventions

The Revascularization of Iliac Arteries is Reserved for Endovascular Approaches, with the Exception of...

Edward B. Diethrich, MD

New Horizons in the Effective Recanalization of Totally Occluded SFA

Thomas Zeller, MD

Wednesday, March 11, 2009

Cocktails and Buffet Dinner

6:30 – 7:00 PM

Special Wednesday Evening Session

7:00 – 10:00 PM

Electrophysiology: What the Interventional Cardiologist Wants and Needs to Know

Chairman: *Gerhard Hindricks, MD, PhD*

Interventional Electrophysiology: Where Did We Come From and Where Will We Go?

Hans Kottkamp, MD, PhD

Atrial Flutter: There is More Than One of a Kind

Christopher Piorkowski, MD

Atrial Fibrillation: Epidemiology, Treatment Concepts and Indications

Robert Lemery, MD

Catheter Ablation of Atrial Fibrillation

Pierre Jaïs, MD

New Technologies in Interventional Electrophysiology

Vivek Y. Reddy, MD

Ventricular Tachycardia in Normal Hearts

Paolo Della Bella, MD

Ventricular Tachycardia in Structural Heart Disease

David Callans, MD

Surgery for Atrial Fibrillation and Ventricular Tachycardia

Volkmar Falk, MD, PhD

Current Practice of ICD and CRT Therapy: What is the Evidence?

Edward Rowland, MD

Future Practice in Device Therapy: Role of Remote Patient Monitoring

Gerhard Hindricks, MD, PhD

Discussion

Thursday, March 12, 2009

Morning Session

7:00 – 9:30 AM

Oral Abstract Session IX

Cryo, HIFU, Radiofrequency: Different Energy Sources for Ablation of Atrial Fibrillation with Different Potential Risks for Complications

Philipp Sommer, MD

Improvement of Left Ventricular Ejection Fraction after Atrial Fibrillation Ablation in Patients with Heart Failure and Impaired LV Function

Philipp Sommer, MD

German Session

Chairmen: *Nicolaus Reifart, MD and Horst Sievert, MD*

Bifurcation: New Devices and Techniques, Angiographic Results

Karl-Eugen Hauptmann, MD, PhD

Selection Criteria for Percutaneous Aortic Valve Replacement: SVS, Logistic EUROSCORE or a Frailty Index and Clinical Judgment

Christoph C. Nienaber, MD, PhD

Real World Experience with Percutaneous Aortic Valve Replacement: Who Will Benefit?

Hüseyin Ince, MD

CTO of Chronically Occluded SVG: An Alternative to Native Vessel Reopening

Nicolaus Reifart, MD

A New Catheter Based Technique to Prevent Contrast Induced Renal Failure

Horst Sievert, MD

Incidence, Prevention and Treatment of Vascular Perforations Complicating Coronary Interventions

Hans Störger, MD

Drug-eluting Balloon with BMS: A Feasible Alternative to DES in CTOs?

Gerald Werner, MD

Peripheral Session IV: Infra-Inguinal Interventions

New Technical Aspects for the Endovascular Treatment of Femoropopliteal Lesions

Jörn Balzer, MD, PhD

Drug-eluting Balloons in the Femoropopliteal Segment: Two-Year Angiographic Data, Does the Benefit Sustain?

Gunnar Tepe, MD

Renal Artery Stenosis: Is ASTRAL the End of Endovascular Revascularization?

Thomas Zeller, MD

Thursday, March 12, 2009 – Afternoon Session (continued)

New Aspects in the Treatment of Aorto-iliac Obstructions Type D

Hans Krankenberg, MD

Revascularization of Complex Tibial Artery Disease: Techniques and Outcomes

Dierk Scheinert, MD

Percutaneous Bypass: New Therapy for Severe Claudication

Richard Heuser, MD

Thursday, March 12, 2009

Oral Abstract Session X & Après Ski

3:30 – 4:00 PM

How to Guide Stent-graft Implantation in Aortic Type B Dissection

Dietmar H. Koschyk, MD

Afternoon Session

4:00 – 6:30 PM

Dutch Session I

Chairman: *Patrick W. Serruys, MD, PhD and Jacques J. Koolen, MD, PhD*

LMT Disease: CABG vs. PCI, What is the Best PCI Technique? Results of Syntax Trial

Patrick W. Serruys, MD

Real World Experience with Percutaneous Aortic Valve Replacement: The Thoraxcenter Program

Patrick W. Serruys, MD

Bioabsorbable Everolimus Eluting Stent: Two-year Follow-up

Evelyn Regar, MD

The COMPARE Trial

Pieter C. Smits, MD, PhD

Breakthrough of OCT

Evelyn Regar, MD

The Role of DES in CTO

Maarten J. Suttorp, MD, PhD

Precordial ST-segment Depression Combined with Tall Positive T-waves: A New Sign of Proximal LAD Occlusion

R.J. de Winter, MD, PhD

ST-resolution as a Primary Endpoint in the PREPARE Trial: Proximal Embolic Protection in STEMI

Karel T. Koch, MD

Reperfusion Injury in the Clinic

Pieter Doevendans, MD

Acute Myocardial Infarction and Underlying Stenosis Severity

Jacques J. Koolen, MD, PhD

The Optima Registry

Guus Brueren, MD, PhD

Friday, March 13, 2009

Morning Session

7:00 – 9:30 AM

Oral Abstract Session XI

Magnetically Navigated Percutaneous Coronary Intervention in Distal Complex Lesions Improves Procedural Outcome and Material Consumption

Alexander J.J. Ijsselmuiden, MD, PhD

Dutch Session II

Chairman: *Patrick W. Serruys, MD, PhD and Jacques J. Koolen, MD, PhD*

Acute MI Treatment in the Amsterdam Area

Yolande Appelman, MD, PhD

Antitrombotics and DES

Sjoerd H. Hofma, MD, PhD

Carotid Stenting: The Antonius Hospital Experience

Jan Van der Heyden, MD

The Great Debates: Percutaneous vs. Surgical Therapy for

Left Main Trunk Disease

Seung-Jung Park, MD, PhD

Michael J. Mack, MD

Multi-vessel CAD

Patrick W. Serruys, MD

Friedrich-W. Mohr, MD, PhD

Aortic Valve Replacement

Martin B. Leon, MD

Michael J. Mack, MD

Carotid Stenosis

Giancarlo Biaino, MD, PhD

Peripheral Session V

The Role of New Transpedal Techniques for Extreme Tibial Interventions

Andrej Schmidt, MD

CLI and Diabetic Foot: The Global Complexity of the Problem

Luca Dalla Paola, MD

CLI: New Possibilities and Limits of the Endovascular Approach

Dierk Scheinert, MD