INTERVENTIONAL CARDIOLOGY 2017
32\textsuperscript{nd} ANNUAL INTERNATIONAL SYMPOSIUM

Comprehensive Approach to the Percutaneous Management of Structural Heart Disease and Coronary and Peripheral Vascular Disease

COURSE DIRECTOR
James R. Margolis, MD, FACC

Endorsed by the California and Colorado Chapters of the American College of Cardiology

The Westin Snowmass, Snowmass Village, Colorado
March 5–10, 2017
NEW THIS YEAR!
Active interaction between faculty, attendees and industry leaders

The rapid development of interventional cardiology – both coronary and structural – has been a result of close collaboration between interventional cardiologists and industry. Without this collaboration we would still be in the 1980’s. Over the years we have lost that intimacy with industry that had been so vital in the past.

In 2017, we are making a major effort to reconnect. The two Monday sessions are devoted to direct interaction with senior management from device companies large and small. I have asked CEO’s from various companies to present their visions of the future and how they plan to meet future challenges. Although each speaker has been asked to speak on the same topics, I am expecting an eclectic collection of presentations as diverse as the companies from which the speakers come.

Monday’s schedule has included a surfeit of discussion time. Audience interaction is strongly encouraged. The purpose of this exercise is to expose a large sampling of the top interventional cardiologists from 25+ countries to a diverse group of leaders of the medical device industry. We can all learn from each other. When we better understand the challenges these companies face – and when they better understand the problems we face and where we need help from industry – the processes of innovation and advancement will proceed more rapidly to everyone’s mutual benefit.

James R. Margolis, MD, FACC
Program Director
LEARNING OBJECTIVES
Upon completion of this symposium, participants should be able to:

> Explain state of the art of TAVR
> Discuss an introduction to Transcatheter Mitral Valve Replacement
> Compare and contrast present day management of mitral valve disease
> Describe transcatheter treatment of other forms of structural heart disease
> Analyze current controversies in interventional cardiology
> Evaluate updates in the management of coronary artery disease
> Gain an international perspective of the structural heart revolution

CME ACCREDITATION AND DESIGNATION
Promedica International CME is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Promedica International CME designates this live activity for a maximum of 25.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Provider approved by the California Board of Registered Nursing, Provider #8495 for 25.5 contact hours.

Category 1 CEUs have been applied for from the American Board of Cardiovascular Perfusion (ABCP). The credit breakdown will be posted online at www.promedicacme.com when available.

EUROPEAN ACCREDITATION
Due to a mutual recognition between the AMA and the UEMS, European participants may convert AMA Category 1 Credits.

ACTIVITY EVALUATION
Evaluation by online questionnaire will address content, presentation and future educational needs.

COMMERCIAL SUPPORT
This program is supported, in part, by educational grants and exhibits from industry, in accordance with the ACCME Standards for Commercial Support. At the time of printing, a complete list of commercial supporters was not available. Appropriate acknowledgement will be given to all supporters in meeting materials onsite.
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Poland
Wojtek Wojakowski, MD
Poland

INDUSTRY FACULTY
(Industry faculty members are not speaking in the accredited portion of the symposium.)
Olav Bergheim
USA
Vince Burgess
USA
Scott Huennekens
USA
Howard Leonhardt, PhD
USA
Frank Litvack, MD, FACC
USA
Clive A. Meanwell, MB, ChB, MD
USA
Deepak Nath, PhD
USA
Tor Peters
Sweden
Chris Richardson
USA
SUNDAY, MARCH 5

7:00 – 10:00 AM
MORNING SESSION

AMERICAN SESSION I:
A FRESH LOOK AT TAVR / IS TAVR READY FOR PRIME TIME?

Chairmen:
Augusto D. Pichard, MD, FACC
Raj Makkar, MD, FACC

Intermediate and Low Risk TAVR
Augusto D. Pichard, MD, FACC

TAVR is Ready for Prime Time
Raj Makkar, MD, FACC

Wait a Minute, There are Still Questions to Be Answered
Brian Bethea, MD

MINI SYMPOSIUM ON NEUROPROTECTION

What is a Stroke?
Wade Smith, MD

Post TAVR Abnormalities by DWI MR – What do They Mean?
Christopher Hess, MD

The Problem is Bigger Than We Think
Darryl Gress, MD

Does Neuroprotection Prevent Cerebral Embolization?
Samir Kapadia, MD, FACC

PANEL DISCUSSION

Is it Time to do Low and Intermediate Risk Patients?
Darryl Gress, MD
Samir Kapadia, MD, FACC
Raj Makkar, MD, FACC
Augusto D. Pichard, MD, FACC

3:30 – 6:00 PM
AFTERNOON SESSION

NON-TAVR STRUCTURAL HEART DISEASE

Paravalvular Leak
Samir Kapadia, MD, FACC

LA Appendage Closure
Brijeshwar Maini, MD, FACC

Post-MI VSD Closure
Saibal Kar, MD, FACC

Percutaneous Tricuspid Repair
Saibal Kar, MD, FACC

MITRAL VALVE DISEASE

Overview of Mitral Space from a Surgeon’s Perspective
Brian Bethea, MD

Overview of Mitral Space from a Cardiologist’s Perspective
Raj Makkar, MD, FACC

Cardio AQ Valve
Saibal Kar, MD, FACC

Tendyne Valve
Augusto D. Pichard, MD, FACC

Mitral Clip
Saibal Kar, MD, FACC

"DEMONSTRATION" CASES

When Andreas Gruntzig started his live courses in 1978, he called them “Demonstration” courses. These carefully chosen words meant that the live cases were intended to show what could be done by an expert. They were not intended to necessarily teach how to do it. Our highly skilled faculty members have done some truly amazing structural cases. I have asked them to present some of these exotic cases to demonstrate what can be done by true experts. There should be no expectation that an average practitioner can do these cases without additional training.

Presenters:
Samir Kapadia, MD, FACC
Saibal Kar, MD, FACC
Brijeshwar S. Maini, MD, FACC
Raj Makkar, MD, FACC
Augusto D. Pichard, MD, FACC
Please note that the Monday, March 6th presentations are not included in CME/CEU hours.

Deepak Nath, PhD
Abbott Vascular

Clive A. Meanwell, MB, ChB, MD
The Medicines Company

The Gut Wrenching Experience of Entrepreneurship

Scott Huennekens
Verb Surgical

Tor Peters
Occulotech AB

Vince Burgess
Orbimed

Frank Litvack, MD, FACC
Interventional Cardiologist, Entrepreneur and Venture Capitalist

Chris Richardson
Keystone Heart

Olav Bergheim
Fjord Ventures

Howard Leonhardt, PhD
Leonhardt Ventures

PANEL DISCUSSION

Olav Bergheim
Vince Burgess
Scott Huennekens
Howard Leonhardt, PhD
Frank Litvack, MD, FACC
Clive A. Meanwell, MB, ChB, MD
Tor Peters
Chris Richardson
ORAL ABSTRACT SESSION I
SCANDINAVIAN-BALTIC SESSION

Chairmen:
Andrejs Erglis, MD, PhD, FACC
M. Pauliina Margolis, MD, PhD
Kari I. Saunamäki, MD, PhD

The Danish Team

Long-term Mortality in Patients with ST-elevation Myocardial Infarction Treated with DES vs. BMS in Two Similar Geographic Areas in Denmark and in Sweden
Kristian Wachtell, MD, PhD

30-day Mortality After Primary PCI: Cause of Death in Relation to the Age of the Patients
Kari I. Saunamäki, MD, PhD

Cardiogenic Shock: Combined treatment with ECMO and IMPELLA.
Peter Clemmensen, MD, PhD

Acute Heart Failure After STEMI: Importance of the Right Ventricular Function, the Role of Circulatory Assist with Impella
Hanne Berg Ravn, MD, PhD

Update on Stent Thrombosis – Insights from OCT
Maria Radu, MD, PhD

Influence of a Biodegradable Polymer on Long Term DES Outcomes: From the SORT-OUT Trials
Lisette Okkels Jensen, MD, DMSci

PCI on the Left Main Stem – Perspective of the European Bifurcation Club
Jens Flensted Lassen, MD, PhD

Long-term Prognosis After PCI for Chronic Total Occlusion in 524 Consecutive Patients
Jan Ravkilde, MD, DMSci

ICD Implantation After Resuscitation from Cardiac Arrest – Are We Selecting the Right Patients?
Helle Soholm, MD, PhD

Endocarditis in Patients with Severe Aortic Stenosis Treated with Either Surgical or Transcatheter Aortic Bioprosthesis: Three Year Follow-up of the NOTION Trial
Nikolaj Ihlemann, MD, PhD

The Latvian Team

Latvian Real-life Registry on Bioresorbable Vascular Scaffolds: A Single High Volume Centre Experience
Andrejs Erglis, MD, PhD, FACC

A Single Centre Randomized Study on Full Restoration Therapy for Long Coronary Lesions with Bioresorbable Platforms vs. New Generation Drug Eluting Stents
Ieva Briede, MD

Bioresorbable Vascular Scaffold Use for Chronic Total Occlusion
Dace Sondore, MD

PCI vs. CABG for Left Main Disease: Results from Randomized Single Centre Study
Karlis Štrengs, MD

Congenital Heart Disease Program in Latvia
Agnese Štrengs, MD

Cardiogenic Shock: Combined treatment with ECMO and IMPELLA.
Peter Clemmensen, MD, PhD
7:00 – 10:00 AM
MORNING SESSION

SOUTHEAST EUROPE SESSION

Chairman:
Deiti Prvulovic, MD, PhD

Patient Oriented Approach for Left Main PCI
Gelev Valeri, MD

CTO Recanalization – Effect of Retrograde Approach
Gelev Valeri, MD

Intracoronary Thrombolysis in Patients with STEMI and a Large Thrombotic Burden
Miha Cercek, MD, PhD

Single Center Experience with Extracorporeal Membrane Oxygenation for Hemodynamic Support during High-Risk Percutaneous Coronary Interventions and in Cardiogenic Shock
Boris Starcic, MD, PhD

Registry Based Multicenter Randomised Clinical Trial: DEB in True Bifurcation Lesions
Deiti Prvulovic, MD, PhD

Treatment of Patients with STEMI in Bosnia and Herzegovina: Current Status and Perspectives
Aleksandar Lazarevic, MD, FACC

Interventional Cardiology in Montenegro: Present Situation and Future Prospects
Draganic Siniša, MD

CTO in Serbia – Personal Experience
Nenad Božinović, MD

Treatment of Coronary Artery Disease with Drug Eluting Balloons
Klaus Bonaventura, MD

AMERICAN SESSION II

Chairman:
Richard R. Heuser, MD, FACC

Excimer Laser Coronary Angioplasty 25 Years Later
James R. Margolis, MD, FACC

When is the Appropriate Time for Interventionalists to Stop Cath Lab Work?
Augusto D. Pichard, MD, FACC

PAD: New Approaches to Treat Fem-Pop CTOs and CLI
Richard R. Heuser, MD, FACC

LDL Hypothesis in the Time of PCSK9
Robert A. Vogel, MD, FACC

3:30 – 6:00 PM
AFTERNOON SESSION

BRITISH SESSION

Chairmen:
Andreas Baumbach, MD
Charles Ilsley, MD

Bivalirudin vs. Heparin Only: A Detailed Analysis of Outcomes and Treatment Costs in a Busy Primary Angioplasty Service
Andreas Baumbach, MD

Complete vs. Incomplete Revascularization in Patients with Coronary Artery Disease
Charles Ilsley, MD

TEVAR in Type A Aortic Dissection
Christoph Nienaber, MD, PhD

Is an Artificial Heart a Realistic Solution for Younger Patients with Circulatory Failure?
Andre R. Simon, MD, PhD

FRENCH/SWISS SESSION

Advantage of MRI in Management of Cardiac Disease
Michael Pieper, MD

The Origins of Coronary Angioplasty – Some Little Things You Have Never Heard Before
Philippe Gaspard, MD, FACC

JAPANESE SESSION

Chairmen:
Hideo Nishikawa, MD, PhD
Etuso Tsuchikane, MD, PhD

Newer Developments in Treatment of CTOs in Japan: Highlights of CCT 2016
Etuso Tsuchikane, MD, PhD

Current Status of TAVR in Japan
Kentarou Hayashida, MD

TAVR in an Extremely Small Patient
Kentarou Hayashida, MD

Recent Japanese Trials in Catheter Interventions 2017
Hideo Nishikawa, MD, PhD

Physiology Guided PCI for Complex Lesions: New Technology Changes the World
Hitoshi Matsuuo, MD

Non-wire Based Assessment for Physiological Lesion Severity
Hitoshi Matsuuo, MD
THURSDAY, MARCH 9

7:00 – 10:00 AM
MORNING SESSION

DUTCH SESSION

Chairman:
Jacques J. Koolen, MD, PhD

Bioabsorbable Scaffolds – The Future, a Passing Fad or Somewhere in Between?
Jacques J. Koolen, MD, PhD

The Perspective of Cardiac Regeneration
Pieter Doevendans, MD, PhD

Women and Coronary Artery Disease: Less is More?
Yolande Appelman, MD, PhD

RUSSIAN SESSION

Chairman:
Evgeny Merkulov, MD, PhD

Treatment of Ischemic Stroke in Russia – Problems and Nearest Perspectives?
Alexey Protopopov, MD, PhD

Endovascular Treatment of Myocardial Infarction – Still a Problem?
Igor Kochanov, MD

Stent Optimization in Bifurcation PCI
Alexandr G. Osiev, MD, PhD

Efficacy and Safety of the Adjuvant Techniques During Revascularization in Patients with Complex Coronary Disease
Vsevolod Mironov, MD

Uncommon Case of a Huge Coronary Aneurysm
Evgeny Merkulov, MD, PhD

4:00 – 6:00 PM
AFTERNOON SESSION

GERMAN SESSION

Chairman:
Gerald S. Werner, MD, PhD, FACC

Pericardial Disease: The Almost Forgotten Enemy
Reinhard C. Funck, MD

Femoral or Radial Approach? The Story AIN’T OVER
Nicolaus Reifart, MD, PhD, FACC

Why a Skilled Coronary Interventionalist Should Expand His Horizons to Include Endovascular
Nicolaus Reifart, MD, PhD, FACC

Importance of Direct Transfer of STEMI Patients into the Cath Lab: Saving Lives by Bypassing the Chest Pain Unit
Karl Heinrich Scholz, MD

Triple Antithrombotic Therapy in Patients with Cardiovascular Disease
Hans-Friedrich Voehringer, MD, FACC

BVS for Complex Chronic Total Occlusions – Promises and Problems
Gerald S. Werner, MD, PhD, FACC

Operator Dependence of Radiation Management: A Cohort Study of 6,000 CTO Procedures
Gerald S. Werner, MD, PhD, FACC

Single Center Study of Neuroprotection with MRI Follow-up
Joachim Schofer, MD

LAA Closure with the New Lifetech Device
Horst Sievert, MD

A Randomized Trial Comparing Amplatzer and Occlutech ASD Occluder
Horst Sievert, MD
7:00 – 10:00 AM
MORNING SESSION
CENTRAL-EASTERN EUROPEAN SESSION II

Chairmen:
Jacek Legutko, MD PhD
Robert J. Gil, MD, PhD

Coronary Artery Disease

Tips and Tricks for FFR Assessment Revisited – An Update on New Techniques and Devices
Jacek Legutko, MD, PhD

Fractional Flow Reserve to Heart Rate Dependency in Different Epicardial Territories
Krzysztof Milewski, MD, PhD

Revascularization of Multivessel Coronary Disease from Perspective of the Syntax II Trial
Pawel Buszman, MD, PhD

Intravascular Coronary Imaging in the Modern Cath Lab – Integration, Co-registration, 3-D Reconstruction
Marcin Wizimirski, RT

OCT/NIRS Imaging of Stent Healing and Neatherosclerosis – Preclinical and Clinical Data
Wojciech Wjakowski, MD

Thin Strut Chromium-cobalt BiOSS® LimC Stent as the Optimal Device for Coronary Bifucations Including Distal Left Main: Early Results of FIM Registry
Robert J. Gil, MD, PhD

Imaging or Functional Assessment of Left Main Intermediate Lesion – A Time for Final Statement?
Tomasz Pawlowski, MD, PhD

Left Main PCI Optimization – How to Use Imaging?
Jacek Legutko, MD, PhD

Protected PCI with LVAD in Complex Intervention
Dariusz Dudek, MD, PhD, FACC

How Can Interventionalists Help in Optimal Diagnosis and Subsequent Treatment of the Patients with Suspected Myocarditis/Inflammatory Cardiomyopathy?
Robert J. Gil, MD, PhD

A look back over the past 31 years including video tapes of live cases, slide presentations from past meetings and a little bit of nostalgia

Discussion & Summary
LOCATION
The Westin Snowmass
Snowmass Village, Colorado

REGISTRATION
Physician/Industry
$1,050 through January 26, 2017
$1,250 after January 26, 2017

 Resident/Fellow/Nurse
$550 through January 26, 2017
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Excellent organization, interesting and innovative international scientific program.

The quality of the speakers and material presented is at the highest level.

One of the best programs available in interventional cardiology!

Great international view of different approaches to disease management.

The faculty was exceptional...the enthusiasm contagious!

Excellent content and a most thorough presentation and discussion of the important issues in interventional medicine.

This meeting is one of the best in the world for international networking and invasive cardiology!

Interesting and inspiring talks and very engaged discussions with top shots in a perfect environment.