# Controversies & Advances

IN THE TREATMENT OF CARDIOVASCULAR DISEASE

The Sixteenth in the Series • November 17-18, 2016 Montage Beverly Hills - Beverly Hills, California









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# Controversies & Advances IN THE TREATMENT OF CARDIOVASCULAR DISEASE

### PROGRAM DESCRIPTION

We are proud to be celebrating the sixteenth annual Controversies and Advances in the Treatment of Cardiovascular Disease symposium! The two-day scientific program will offer realistic views on many controversial issues in cardiovascular disease today. Session topics will include atherosclerosis and dyslipidemia, hypertension, an update on MACRA, TAVR, advanced heart disease, clinical electrophysiology, antithrombotic therapies, cardiac imaging, STEMI controversies, and interventional treatment of structural heart disease and coronary artery disease.

Sessions will include a combination of lectures, debates, and roundtable discussions. A faculty of internationally known leaders has been invited to share their knowledge and experiences with complex and controversial cases.

### TARGET AUDIENCE

The conference is designed for cardiologists, interventional cardiologists, cardiovascular and thoracic surgeons, perfusionists, nurses, technicians and those involved in the diagnosis, treatment and care of individuals with controversial and complex cases of cardiac disease.

### CME ACCREDITATION AND DESIGNATION



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

Promedica International designates this live activity for a maximum of 17.5 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 17.5 Contact Hours.

Category 1 CEUs for perfusionists will be determined by the American Board of Cardiovascular Perfusion and updated online at www.promedicacme.com.

### ABIM MOC ACCREDITATION MOC



Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 17.5 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

### 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.

### The Sixteenth in the Series • November 17-18, 2016

### **FACULTY DISCLOSURE**

In accordance with the ACCME Standards for Commercial Support, course directors, planning committees, faculty and all others in control of the educational content of the CME activity must disclose all relevant financial relationships with any commercial interest that they or their spouse/partner may have had within the past 12 months. If an individual refuses to disclose relevant financial relationships, they will be disqualified from being a part of the planning and implementation of this CME activity. Employees of a commercial interest with business lines or products relating to the content of the CME activity will not participate in the planning or any accredited portion of the conference. Disclosure will be made to all participants at the conference location, prior to the educational activity commencement.

### LEARNING OBJECTIVES

Upon completion of this course, participants should be able to:

- :: Evaluate the latest advancements and emerging concepts in the treatment of atherosclerosis and dyslipidemia
- :: Compare and contrast new data from the SPRINT and HOPE 3 Trials
- :: Discuss the Medicare Access and CHIP Reauthorization ACT of 2015 (MACRA)
- Examine innovations in the treatment of pulmonary hypertension in left heart disease
- Evaluate current issues in clinical electrophysiology including silent atrial fibrillation, hypertrophic cardiomyopathy, ischemic ventricular tachycardia, and transvenous defibrillators

- :: Analyze updates in cardiac imaging and discuss the relative roles of CT, MRI, Echo, and Nuclear imaging
- Evaluate state-of-the-art STEMI care and controversies including treatment of multivessel disease and advanced cardiogenic shock
- Debate the latest advances in interventional cardiology for structural heart disease and coronary artery disease

### **CALL FOR ABSTRACTS**

Submissions of original abstracts are being accepted and will be considered for oral presentation and poster display when submitted online at www.promedicacme.com.

A Moderated Oral Abstract Session will be held Wednesday, November 16, 2016 at the Montage Beverly Hills from 6:00 - 8:00 pm.

Deadline for Abstract Submissions: November 4, 2016

# Faculty

### **Program Directors**

Raj Makkar, MD, FACC
P.K. Shah, MD, MACC
Timothy D. Henry, MD, FACC
Alfredo Trento, MD, FACC
Saibal Kar, MD, FACC
John G. Harold, MD, MACC
Jon A. Kobashigawa, MD, FACC
Gregory P. Fontana, MD, FACC
Garwood Gee, MD, FACC

### **Local Faculty**

Daniel Berman, MD, FACC David S. Cannom, MD, FACC Wen Cheng, MD Sumeet S. Chugh, MD, FACC Joshua S. Chung, MD Eugenio Cingolani, MD Suhail V. Dohad, MD, FACC Ashkan Ehdaie, MD Jeffrey S. Goodman, MD, FACC Antoine Hage, MD, FACC Hasan Jilaihawi, MD Sanjay Kaul, MD, MPH, FACC Asher Kimchi MD FACC Evan Kransdorf, MD, PhD Michael I. Lewis, MD William J. Mandel, MD, FACC Eduardo Marbán, MD, PhD, FACC Florian Rader, MD, MSc, FACC Ivan C. Rokos, MD, FACC Rahul P. Sharma, MD Michael Shehata, MD, FACC Robert J. Siegel, MD, FACC Charles Swerdlow, MD, FACC B.K. Tamarappoo, MD, PhD Victor Tapson, MD Ronald G. Victor, MD, FACC

### **Invited Faculty**

### Ralph G. Brindis, MD, MPH, MACC

UCSF Institute for Health Policy Studies San Francisco CA

### Alan Brown, MD, FACC

Advocate Lutheran General Hospital Park Ridge, IL

### Matthew Jay Budoff, MD, FACC

Los Angeles Biomedical Research Institute Torrance CA

### Paul N. Casale, MD, MPH, FACC

New York-Presbyterian New York NY

### David A. Cox, MD, FACC

Lehigh Valley Health Network Allentown, PA

### Marc Dweck, MD, PhD, FACC

University of Edinburgh Edinburgh, United Kingdom

### William J. French, MD, FACC

Harbor-UCLA Medical Center Torrance, CA

### Henry Ginsberg, MD

Columbia University New York, NY

### Rory Hachamovitch, MD, MSc, FACC

Cleveland Clinic Cleveland, OH

### Morton J. Kern, MD, FACC

VA Long Beach Long Beach, CA

### Raymond Y. Kwong, MD, MPH

Brigham and Women's Hospital Boston, MA

### ${\bf Martin\,B.\,Leon, MD, FACC}$

Columbia University Medical Center New York, NY

### Barry J. Maron, MD, FACC

Tufts Medical Center Boston, MA

### Roxana Mehran, MD, FACC

Mount Sinai Hospital New York, NY

### Franz H. Messerli, MD, FACC

Inselspital, University of Bern, Cardiology Bern, Switzerland

### Timothy A. Morris, MD

University of California, San Diego School of Medicine San Diego, CA

### Dariush Mozaffarian, MD, DrPH

Friendman School of Nutrition Science & Policy Tufts University Boston, MA

### Jeffrey W. Olin, DO, FACC

Icahn School of Medicine at Mount Sinai New York, NY

### William W. O'Neill, MD. FACC

Henry Ford Hospital Detroit MI

### Subha V. Raman, MD, FACC

Ohio State University Columbus, OH

### Michael J. Reardon, MD, FACC

Houston Methodist DeBakey Heart & Vacular Center Houston, TX

### Win-Kuang Shen, MD, FACC

Mayo Clinic Arizona Phoenix, AZ

### C. Michael Valentine, MD, FACC

Stroobants CV Center/Centra Health Lynchburg VA

### Richard F. Wright, MD, FACC

Pacific Heart Institute Santa Monica, CA

### Salim Yusuf, DPhil, MBBS, OC

Population Health Research Institute McMaster U and Hamilton Health Sciences Hamilton, Canada

### **Lunch Panel Faculty**

### Frank Litvack, MD, FACC

Cedars-Sinai Medical Center Los Angeles, CA

### Rhonda Robb

Medtronic, Inc. Mounds View, MN



# Scientific Program

### Wednesday, November 16, 2016

6:00 - 8:00 PM

Welcome Reception & Registration Montage Beverly Hills, Marquesa Foyer

Oral Abstract Presentation Session Chairs: Wen Cheng, MD Hasan Jilaihawi, MD

### Thursday, November 17, 2016

7:00 - 7:45 AM

Registration, Continental Breakfast, and Visit Exhibits

7:45 - 7:50 AM Welcome Address Program Directors: Raj Makkar, MD, FACC John G, Harold, MD, MACC

7:50 - 8:00 AM ACC Welcome Address Garwood Gee, MD, FACC

### SESSION I: ATHEROSCLEROSIS AND DYSLIPIDEMIA

Chair: P.K. Shah. MD. MACC

8:00 - 8:30 AM

Novel Pathways to Inflammation in Atherosclerosis: From Gut Microflora to "Don't Eat Me Signals" PK. Shah, MD, MACC

8:30 - 8:50 AM

LDL-C Lowering: New Pathways Alan Brown, MD, FACC

8:50 - 9:10 AM

Rethinking Dietary Fat Dariush Mozaffarian, MD, DrPH

9:10 - 9:30 AM

Elevated Triglycerides: Legitimate Target or Not? Henry Ginsberg, MD

9:30 - 10:00 AM

Roundtable Discussion

10:00 - 10:30 AM

Break & Visit Exhibits

### SESSION II: HYPERTENSION

Chair: Ronald G. Victor, MD, FACC

10:30 - 10:45 AM

New BP Goals - to SPRINT or Not to SPRINT? Franz H. Messerli, MD, FACC

10:45 - 11:00 AM

Are There Any Indications for Renal Artery Stenting After ASTRAL and CORAL? Jeffrey W. Olin, DO, FACC

11:00 - 11:15 AM

Benefits of Heart Rate Lowering - BEAUTIFUL, SIGNIFY, and SHIFT Reanalyzed Franz H. Messerli, MD, FACC

11:15 - 11:30 AM

Fibromuscular Dysplasia: The Rare Disease That Isn't Jeffrey W. Olin, DO, FACC

11:30 - 11:45 AM

Can Barbers Cut Blood Pressure Too? The L.A Barbershop Blood Pressure Study Ronald G. Victor, MD, FACC

11:45 - 12:00 PM

Renal Denervation - Where Do We Go From Here? Florian Rader, MD, MSc, FACC

12:00 - 12:10 PM

Roundtable Discussion

12:10 - 1:10 PM Lunch

### DEBATE: Thrombolytic Therapy / Catheterdirected Therapy for Acute Submassive PE

- : 1:10 1:20 PM For
- Victor Tapson, MD
- :: 1:20 1:30 PM Against

Timothy A. Morris, MD

: 1:30 - 1:40 PM Roundtable Discussion Suhail V. Dohad, MD, FACC Timothy A. Morris, MD Victor Tapson, MD

### SESSION III: UPDATE ON MACRA: MEDICARE ACCESS AND CHIP REAUTHORIZATION ACT OF 2015

Chair: John G. Harold, MD, MACC

### 1:40 - 2:00 PM

The "Doc Fix" Bill - A Deep Dive into How MACRA (Medicare Reform Law and CHIP Reauthorization Act of 2015) Will Affect Your Practice C. Michael Valentine, MD. FACC

### 2:00 - 2:20 PM

New Payment Models: What Does This Mean for Cardiology? Paul N. Casale, MD, MPH, FACC

### 2:20 - 2:40 PM

Medicare Access and CHIP Reformation Act of 2015: Examining Physician Efforts to Prepare for Medicare Payment Reforms Richard F. Wright, MD, FACC

### 2:40 - 3:00 PM

Piecing Together the MACRA Puzzle: How the ACC and NCDR Will Help Members Navigate Radical Changes Ahead Ralph G. Brindis, MD, MPH, MACC

### 3:00 - 3:20 PM

Roundtable Discussion

### 3:20 - 3:50 PM

### **Keynote Lecture:**

Duchenne Muscular Dystrophy and the HOPE Trial Eduardo Marbán, MD, PhD, FACC

### 3:50 - 4:10 PM

Break & Visit Exhibits

### SESSION V: CONTROVERSIES IN ADVANCED HEART DISEASE

### Chairs:

Jon A. Kobashigawa, MD, FACC, Alfredo Trento. MD. FACC

### 4:10 - 4:30 PM

Innovations in the Treatment of Pulmonary Hypertension Victor Tapson, MD

### DEBATE: Pulmonary Hypertension in Left Heart Disease: Is There an Indication to use Pulmonary Arterial Hypertension (PAH) Specific Therapy?

- # 4:30 4:40 PM
   Pro: PAH Specific Therapy is Beneficial
   Antoine Hage, MD, FACC
- 4:40 4:50 PM
   Con: PAH Specific Therapy is Deleterious
   Michael I. Lewis, MD
- # 4:50 5:00 PM Roundtable Discussion

### DEBATE: The New UNOS Donor Heart Allocation Proposal is Fair?

- **5:00 5:10 PM** Pro
- Evan Kransdorf, MD, PhD
- :: 5:10 5:20 PM Con
- Joshua S. Chung, MD
- : 5:20 5:30 PM
- Roundtable Discussion

### 5:30 PM Adjourn

# Scientific Program

### Friday November 18, 2016

### 7:00 - 7:25 AM

Registration, Continental Breakfast, and Visit Exhibits

### 7:25 - 7:30 AM

Welcome Address
Program Directors:
Raj Makkar, MD, FACC
John G. Harold, MD, MACC

# SESSION VI: CLINICAL ELECTROPHYSIOLOGY

Chairs: Sumeet S. Chugh, MD, FACC David S. Cannom, MD, FACC Jeffrey S. Goodman, MD, FACC William J. Mandel, MD, FACC

# DEBATE: Silent Atrial Fibrillation

- : 7:30 7:40 AM Quiet Yet Serious, Manage Immediately Sumeet S. Chugh, MD, FACC
- 7:40 7:50 AM
   No Treatment Without
   Symptoms
   Win-Kuang Shen, MD, FACC
- :: 7:50 8:00 AM Roundtable Discussion

### DEBATE: Risk of Sudden Death in Hypertrophic Cardiomyopathy

- : 8:00 8:10 AM All You Need is Cardiac MRI Raymond K. Kwong, MD, MPH
- : 8:10 8:20 AM Only the Clinical Profile Determines Risk Barry J. Maron, MD, FACC
- # 8:20 8:30 AM
  Roundtable Discussion

# DEBATE: Catheter Ablation of Ischemic Ventricular Tachycardia

- : 8:30 8:40 AM Reach for the Catheter with the First ICD Shock Ashkan Ehdaie, MD
- 8:40 8:50 AM
   Where's the Fire,
   What About Drugs?
   Eugenio Cingolani, MD
- = 8:50 9:00 AM Roundtable Discussion

# DEBATE: Time for the Subcutaneous Device to Replace the Transvenous Defibrillator?

- 9:00 9:10 AM
   Protagonist
   Charles Swerdlow, MD, FACC
- 9:10 9:20 AMAntagonistMichael Shehata, MD, FACC
- = 9:20 9:30 AM Roundtable Discussion

### 9:30 - 10:00 AM Break & Visit Exhibits

### 10:00 - 10:30 AM

### **Keynote Lecture:**

A Contemporary Perspective on Global Health Salim Yusuf, MD, DPhil, OC

### 10:30 - 10:45 AM

### **Kevnote Lecture:**

The Big Picture in Interventional Cardiology Martin B. Leon, MD, FACC

### SESSION VII: UNRESOLVED ISSUES AND REMAINING CHALLENGES IN ANTITHROMBOTIC THERAPIES

Chair: Sanjay Kaul, MD, MPH, FACC

### Case Presentations to Illustrate Gaps in Evidence

### 10:45 - 11:00 AM

What Role does Cangrelor Have? Roxana Mehran. MD. FACC

### 11:00 - 11:15 AM

OACs vs. NOACs for NVAF: How to Decide? Sanjay Kaul, MD, MPH, FACC

### 11:15 - 11:30 AM

Choice of Anticoagulants at the Time of PCI Timothy D. Henry MD, FACC

### 11:30 - 11:45 AM

Bioresorbable Scaffolds: Where Are We Now? Morton J. Kern, MD, FACC

### 11:45 AM - 12:45 PM

### Lunch

(Lunch activities are not included in CME hours.)

# Panel: A SWOT Analysis of Interventional Cardiology

Moderators: Frank Litvack, MD, FACC Gregory P, Fontana, MD, FACC Discussants: Martin B. Leon, MD, FACC Eduardo Marbán, MD, PhD, FACC Michael J. Reardon, MD, FACC Rhonda Robb

### 12:45 - 1:15 PM

### **Keynote Lecture:**

Current Controversies in the Treatment of Aortic Stenosis Martin B. Leon, MD, FACC

# SESSION VIII: UPDATE IN CARDIAC IMAGING

Chair: Daniel Berman, MD, FACC

### 1:15 - 1:30 PM

Ultrasound is the New Physical Exam - Is This the Death of the Stethoscope? Robert J. Siegel, MD, FACC

### 1:30 - 1:45 PM

Imaging of Coronary Atherosclerosis Marc Dweck, MD, PhD, FACC

### 1.45 - 2.00 PM

Role of CT in TAVR Hasan Jilaihawi, MD

### 2:00 - 2:15 PM

Break

### DEBATE: Initial Assessment of the Patient with Typical Angina

- 2:15 2:25 PM
   Coronary CTA
   Matthew Jay Budoff, MD, FACC
- 2:25 2:35 PM
   Stress Testing/Imaging
   Rory Hachamovitch MD MSc FACC

### DEBATE: Recent Onset of Heart Failure: Most Patients with Heart Failure of Uncertain Etiology Should Have Cardiac MRI

- : 2:35 2:45 PM Pro
  - Subha V. Raman, MD, FACC
- : 2:45 2:55 PM Con

### 2:55 - 3:10 PM

Clinical Role of FFRct Daniel Berman, MD, FACC

### 3:10 - 3:30 PM

### Roundtable Discussion:

Multimodality Cardiac
Imaging: Relative Roles of CT,
MRI, Echo, Nuclear
Moderator:
Daniel Berman, MD, FACC
Discussants:
Matthew Jay Budoff, MD, FACC
Rory Hachamovitch, MD, MSc, FACC
Subha V. Raman, MD, FACC
Robert J. Siegel, MD, FACC
BK. Tamarappoo, MD, PhD

### 3:30 - 4:00 PM

### **Keynote Lecture:**

A Historical Journey on the Treatment of Myocardial Infarction William W. O'Neill, MD, FACC

# SESSION IX: STEMI CONTROVERSIES

Chairs: Timothy D. Henry, MD, FACC David A. Cox, MD, FACC

### 4:00 - 4:15 PM

Challenging STEMI Cases

### **DEBATE: Multivessel Disease**

- : 4:15 4:25 PM
- Fix the Culprit and Go Back to Bed

David A. Cox, MD, FACC

: 4:25 - 4:35 PM

Complete Revascularization Instead Timothy D. Henry, MD, FACC

### 4:35 - 4:50 PM

The Next Frontier: Advanced Cardiogenic Shock William W. O'Neill, MD, FACC

### 4:50 - 5:00 PM

Panel Discussion David A. Cox, MD, FACC William J. French, MD, FACC Timothy D. Henry, MD, FACC William W. O'Neill, MD, FACC Ivan C. Rokos, MD, FACC

### SESSION X: INTERVENTIONAL CARDIOLOGY: STRUCTURAL HEART DISEASE /CORONARY ARTERY DISEASE

Chairs: Saibal Kar, MD, FACC Michael J. Reardon, MD, FACC Richard F., Wright, MD, FACC

### **Transcatheter Therapy**

### 5:00 - 5:15 PM

### **Kevnote Lecture:**

The Role of the Surgeon in the Current Era of Interventional Cardiology Michael J. Reardon, MD, FACC

### 5:15 - 5:30 PM

### Roundtable Discussion:

Key Questions: Should the Surgeon Consult the Interventionalist Before Operating on Any Patient with Valvular Heart Disease? Moderators: Gregory P. Fontana, MD, FACC

Gregory P. Fontana, MD, FACC Saibal Kar, MD, FACC Discussants:

Martin B. Leon, MD, FACC Raj Makkar, MD, FACC Michael J. Reardon, MD, FACC

### Cardioembolic Stroke

### **DEBATE: Appendage Closure**

- : 5:30 5:40 PM
  - Medical Therapy is All You Need for Stroke Prevention - There is Not Enough Data to Support Appendage Closure Saibal Kar, MD, FACC
- :: 5:40 5:50 PM
- Closure of Appendage Should be Offered to All Patients with CHADS Vasc of >2
- Richard F. Wright, MD, FACC
- :: 5:50 6:00 PM

Roundtable Discussion Gregory P. Fontana, MD, FACC Saibal Kar, MD, FACC Raj Makkar, MD, FACC Michael J. Reardon, MD, FACC Alfredo Trento, MD, FACC Richard F. Wright, MD, FACC

### 6:00 PM

Final Adjournment

### **Registration Information**

\$595 Physician/Industry \$395 Nurse/Resident/Technician \$395 ACC National Member \$195 California Chapter ACC Member/ Cardiac Care Associate \$395 CASTS Member \$195 CASTS Associate Member

Registration fees include breakfasts, lunches, and welcome reception, as well as scientific program materials. Please make checks payable to Promedica International CME in U.S. dollars drawn on a U.S. bank. Visa, MasterCard, Discover and American Express credit cards are also accepted. Registrations should be faxed, mailed or submitted online at www.promedicacme.com.

To register, please complete the attached form and mail or fax to:

Promedica International CME 300 Carlsbad Village Dr., Suite 108A-326 Carlsbad, CA 92008 Tel: (760) 720-2263, Fax: (760) 720-6263 Rlaw@promedicacme.com

Physician/Industry: \$595

### Refunds

All cancellations must be submitted in writing and refunds will be subject to a \$100 administration charge. Cancellations cannot be accepted over the telephone. Refunds will not be available beginning 45 days prior to the symposium.

### **Hotel Accommodations**

A special room rate of \$395 per night plus taxes for single or double occupancy is available for program participants at the Montage Beverly Hills. Reserve your room prior to the cutoff date of Monday, October 31, 2016 by calling 310-499-4199 or 888-860-0788. Mention your affiliation with the Controversies symposium to receive the special rate.

### **Activity Evaluation**

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

CASTS Member: \$395

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300 Carlsbad Village Dr., Suite 108A-326 Promedica International CME Carlsbad, CA 92008



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# WHAT THEY'RE SAYING:

- :: Excellent meeting with cutting-edge information!
- sessions illuminated some of the most vexing issues :: Topics were relevant to clinical practice and related faced on a daily basis.
- :: Consistently great conference year after year!
- :: Very helpful analysis and context for recent clinical trials - unusually well done!
- :: The program was outstanding and had practical applications for my daily practice.

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