

Controversies and Advances in the  
Treatment of Cardiovascular Disease  
The Nineteenth in the Series

November 14 & 15, 2019 ♦ Montage Beverly Hills

## Thursday, November 14, 2019

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- 7:00 – 7:30 AM      **Registration, Continental Breakfast, and Visit Exhibits**
- 7:30 – 7:45 AM      **Welcome Address**  
*Raj Makkar, MD, FACC*  
*John G. Harold, MD, MACC*
- 7:45 – 7:55 AM      **CA ACC Welcome Address**  
*Pranav Patel, MD, FACC*
- 7:55 – 8:20 AM      **The Ronald G. Victor, MD - Memorial Lecture**  
**Preposterous But True: How We Cut MI Deaths From 30% to 5%**  
**(and Cedars' Role in the Story)**  
*James Forrester, MD, FACC*
- Session I:**                      **Atherosclerosis and Dyslipidemia**  
Chair:                              *P.K. Shah, MD, MACC*
- 8:20 – 8:40 AM      **CHIP and Atherosclerosis**  
*Peter Libby, MD, FACC*
- 8:40 – 9:00 AM      **GUT Heart Axis: Potential Therapeutic Implications**  
*W. H. Wilson Tang, MD, FACC*
- 9:00 – 9:20 AM      **Aspirin in Primary Prevention: Who Should Get It?**  
*Sanjay Kaul, MD, MPH, FACC*
- 9:20 – 9:40 AM      **Targeting ANGPTL3 In Hyperlipidemia**  
*P.K. Shah, MD, MACC*
- 9:40 – 10:00 AM      **Keynote Lecture**  
**Comprehensive Imaging in Heart Failure**  
*Jeroen Bax, MD, PhD, FACC*
- 10:00 – 10:15 AM      **Break & Visit Exhibits**
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## **Session II:**

### Chairs:

## **Digital Medicine**

*John G. Harold, MD, MACC, Raj Khandwalla, MD, MA, FACC*

10:15 – 10:30 AM

### **Will Digital Medicine Make Population Health A Reality?**

*Raj Khandwalla, MD, MA, FACC*

10:30 – 10:45 AM

### **ACC Initiatives**

*John G. Harold, MD, MACC*

10:45 – 11:00 AM

### **Wearables and Digital Health in Arrhythmia Management: Where Are We Going?**

*Mintu Turakhia, MD, MAS, FACC*

11:00 – 11:15 AM

### **Keynote Lecture:**

### **The Hospital Readmission Reduction Policy and Population Health in Heart Failure**

*Gregg Fonarow, MD, FACC*

11:15 – 11:30 AM

### **The Future of Healthcare Delivery**

*Sachin Jain, MD, FACC*

11:30 – 11:45 AM

### **The Future of Precision Medicine**

*Evan D. Muse, MD, PhD, FACC*

11:45 AM – 12:45 PM

**Lunch** (*Lunch activity is not included in CME hours.*)

### **Technology and Population Health Panel**

Chair: *John G. Harold, MD, MACC*

*Gregory P. Fontana, MD, FACC*

Panelists:

*Gregg Fonarow, MD, FACC*

*Sachin Jain, MD, FACC*

*Pieter Kappetein, MD, PhD*

*Frank Litvack, MD, FACC*

*Mintu Turakhia, MD, MAS, FACC*

## **Session III:**

## **Controversies in the Treatment of CAD:**

### **Expert Views**

### Chairs:

*Raj Makkar, MD, FACC, Roxana Mehran, MD, FACC,*

*Shamir Mehta, MD, MSc, FACC*

12:45 – 1:00 PM

### **Complete Versus Incomplete Revascularization in STEMI and MV Disease: Is There Still a Debate?**

*Shamir Mehta, MD, MSc, FACC*

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- 1:00 – 1:15 PM                    **State-of-the-Art: Optimal DAPT Strategies: Lessons Learned, Global Leaders, TWIGHLIGHT, and More**  
*Roxana Mehran, MD, FACC*
- 1:15 – 1:30 PM                    **Discussion**
- Left Main Disease Revascularization**
- 1:30 – 1:40 PM                    **PCI in Selected Cases: EXCEL, NOBLE and Even Long Term SYNTAXES Show Similar Results**  
*Roxana Mehran, MD, FACC*
- 1:40 – 1:50 PM                    **CABG in All Cases: More Durable, Better Outcomes!**  
*Joanna Chikwe, MD, FRCS*
- 1:50 – 2:00 PM                    **Discussion**
- Session IV:**                    **Update in Cardiac Imaging**  
*Chair:*                                *Daniel Berman, MD, FACC*
- 2:00 – 2:15 PM                    **Plaque Assessment on CCTA: Is There Clinical Value?**  
*Daniel Berman, MD, FACC*
- 2:15 – 2:30 PM                    **Myocardial Blood Flow with PET: Added Clinical Value?**  
*Timothy M. Bateman, MD, FACC*
- 2:30 – 2:45 PM                    **Machine Learning in Echo: Ready for Prime Time?**  
*Partho Sengupta, ME, DM, FASE*
- 2:45 – 3:00 PM                    **Debate:**  
**Is Diagnostic Cath Dead?**  
*Jonathon A. Leipsic, MD, FRCPC*  
*Morton Kern, MD, FACC*
- 3:00 – 3:10 PM                    **Panel Discussion:**  
**What to Do After Borderline Coronary CTA?**  
Moderator:    *Jonathon A. Leipsic, MD*  
Panel:            *Timothy M. Bateman, MD, FACC*  
                      *Morton Kern, MD, FACC*  
                      *Partho Sengupta, ME, DM, FASE*
- 3:10 – 3:30 PM                    Break & Visit Exhibits**
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## **Session V:**

## **Structural Heart Disease**

Chairs:

*Raj Makkar, MD, FACC, Gregory P. Fontana, MD, FACC*

### **Transcatheter Aortic Valve Replacement**

- 3:30 – 3:45 PM      **TAVR for Severe Aortic Stenosis After 17 Years: All Risk But Not All Patients**  
*Michael Mack, MD, FACC*
- 3:45 – 3:55 PM      **Should TAVR Be Standard for Bicuspid Aortic Stenosis, Or Do We Need a Randomized Clinical Trial?**  
*Raj Makkar, MD, FACC*
- 3:55 – 4:05 PM      **Discussion**

### **Mitral Regurgitation**

- 4:05 – 4:15 PM      **Transcatheter Mitral Valve Repair Should Be the Standard of Care for Functional Mitral Regurgitation**  
*Michael Mack, MD, FACC*
- 4:15 – 4:25 PM      **Transcatheter Mitral Valve Repair for Functional MR: What Should We Not Get Carried Away?**  
*Sanjay Kaul, MD, MPH, FACC*
- 4:25 – 4:35 PM      **Thoughts of a Heart Failure Specialist Who Deals with These Patients Every Day**  
*Michele A. Hamilton, MD, FACC*
- 4:35 – 4:45 PM      **Is Transcatheter Mitral Valve Repair Ready for Low-Risk Patients?**  
*Joanna Chikwe, MD, FRCS*
- 4:45 – 5:00 PM      **Discussion**

## **Session VI:**

## **Cardioembolic Strokes**

- 5:00 – 5:07 PM      **Left Atrial Appendage Occlusion: A Valid Option to Anticoagulation for Long-Term Prevention of Stroke**  
*Tarun Chakravarty, MD, FACC*
- 5:07 – 5:14 PM      **Paradigm Shift in Patient Selection for PFO Closure**  
*Matthew J. Price, MD, FACC*
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5:14 – 5:21 PM

**Neurologist's Perspective on Cardioembolic Strokes**

*Konrad Schlick, MD*

5:21 – 5:30 PM

**Discussion**

**Session VII:**

**The Right Ventricle in 2019: Forgotten, But Not Forgiving**

5:30 – 5:40 PM

**The Challenges in RV Function Assessment: Clinical and Imaging Strategies**

*Siddharth Singh, MD, MS*

5:40 – 5:50 PM

**The Challenges in Tricuspid Regurgitation Severity Assessment: Clinical and Imaging Strategies**

*Moody Makar, MD*

5:50 – 6:00 PM

**What to Do When Conventional Therapy for RV Failure is Unsuccessful?**

*Danny Ramzy, MD, PhD, FACC*

6:00 PM

**Adjourn**

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## Friday, November 15, 2019

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7:00 – 7:25 AM	<b>Registration, Continental Breakfast, and Visit Exhibits</b>
7:25 – 7:30 AM	<b>Welcome Address</b> <i>Raj Makkar, MD, FACC</i> <i>John G. Harold, MD, MACC</i>
<b>Session VIII:</b> <i>Chairs:</i>	<b>Clinical Electrophysiology</b> <i>Sumeet Chugh, MD, FACC, Eli Gang, MD, FACC,</i> <i>Jeffrey Goodman, MD, FACC, Charles Swerdlow, MD, FACC</i>
7:30 – 7:45 AM	<b>Effective Management of Syncope in 2019</b> <i>Win Shen, MD, FACC</i>
7:45 – 7:52 AM	<b><u>Debate:</u> Is Atrial Fibrillation Curable?</b> <b>Atrial Fibrillation is Curable</b> <i>Michael Shehata, MD, FACC</i>
7:52 – 7:59 AM	<b>Once in Atrial Fibrillation, Always in Atrial Fibrillation</b> <i>Eugenio Cingolani, MD</i>
7:59 – 8:10 AM	<b>Rebuttal and Discussion</b>
8:10 – 8:20 AM	<b>How to Approach the Patient with Defibrillator Shocks</b> <i>Ashkan Ehdaie, MD</i>
8:20 – 8:35 AM	<b><u>Keynote Lecture</u></b> <b>Sudden Cardiac Death</b> <i>Christine Albert, MD</i>
<b>Session IX:</b> <i>Chair:</i>	<b>Hypertension</b> <i>Florian Rader, MD, MSc, FACC</i>
8:35 – 8:50 AM	<b>Dietary Salt Intake: Friend or Foe?</b> <i>Franz H. Messerli, MD, FACC</i>
8:50 – 9:05 AM	<b>Physician Inertia in Hypertension: Are Pharmacists the Better Doctors?</b> <i>Florian Rader, MD, MSc, FACC</i>

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9:05 – 9:20 AM	<b>Why Are We Still Using ACE Inhibitors?</b> <i>Franz H. Messerli, MD, FACC</i>
9:20 – 9:25 AM	<b>Q&amp;A Panel</b> <i>Franz H. Messerli, MD, FACC, Florian Rader, MD, MSc, Joseph Ebinger, MD, MS, FACC, C. Adair Blyler, PharmD, CHC</i>
9:25 – 9:40 AM	<b><u>Keynote Lecture</u></b> <b>CT Angiography and FFR-CT To Help Plan Coronary Interventions?</b> <i>Jonathan Leipsic, MD</i>
9:40 – 10:00 AM	<b>Break &amp; Visit Exhibits</b>
<b>Session X:</b> <u>Chairs:</u>	<b>Controversies in Acute PULM Vascular Disease</b> <i>Suhail Y. Dohad, MD, RVT, FACC, Victor Tapson, MD</i>
10:00 – 10:14 AM	<b><u>Controversy 1 Debate</u></b> <b>Triple Upfront Combination Therapy PAH</b> <i>Antoine Hage, MD</i> <b>Dual or Sequential Combination Therapy for PAH</b> <i>Jeffrey S. Sager, MD, Msc</i>
10:14 – 10:28 AM	<b><u>Controversy 2 Debate</u></b> <b>Acute Intermediate-Risk (Submassive) Pulmonary Embolism Should be Treated with Anticoagulation Plus Aggressive Therapy Such as Catheter-Directed Approaches</b> • <b>Pro</b> – <i>Victor Tapson, MD</i> • <b>Con</b> – <i>Oren Friedman, MD</i>
10:28 – 10:40 AM	<b>Q&amp;A</b> <i>Suhail Y. Dohad, MD, RVT, FACC, Antoine Hage, MD, Oren Friedman, MD, Jeffrey S. Sager, MD, Msc, Victor Tapson, MD</i>
10:40 – 10:55 AM	<b><u>Keynote Lecture:</u></b> <b>TBA</b> <i>John Mandrola, MD, FACC</i>
10:55 – 11:10 AM	<b><u>Keynote Lecture:</u></b> <b>Anticipated Changes in Healthcare Policy Over the Next Few Years</b> <i>Scott Weingarten, MD</i>
11:10 – 11:15 AM	<b>Panel Discussion</b> <i>John Mandrola, MD, FACC, Scott Weingarten, MD</i>
11:15 – 11:30 AM	<b><u>Keynote Lecture:</u></b> <b>Sensationalizing Clinical Trials: ORBITA Trial, A Case in Point</b> <i>Paul S. Teirstein, MD, FACC</i>

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11:30 – 11:45 AM	<b><u>Keynote Lecture:</u></b> <b>Detection of Vulnerable Plaque with Non-Invasive Imaging</b> <i>Jagat Narula, MD, PhD, MACC</i>
11:45 – 11:55 AM	<b>The Physician Entrepreneur: Is There a Role?</b> <i>Todd Brinton, MD</i>
11:55 AM – 12:45 PM	<b>Lunch</b>
<b>SESSION XI:</b>	<b>New Devices for Heart Failure</b> <i><u>Chairs:</u> Neal Eigler, MD, FACC</i>
12:45 – 1:00 PM	<b>Novel Electrical Approaches to The Treatment of HFrEF and HFmrEF: Cardiac Contractility Modulation</b>
1:00 – 1:15 PM	<b>Neurostimulation for the Treatment of HFrEF: Vagal Nerve Stimulation, Spinal Cord Stimulation, Renal Denervation, and Baroreflex Activation Therapy</b> <i>Luanda Grazette, MD, MPH, FACC</i>
1:15 – 1:30 PM	<b>Interatrial Shunting for the Treatment of Heart Failure Across the Spectrum of LVEF – HFrEF, HFmrEF, and HFpEF</b> <i>Neal Eigler, MD, FACC</i>
1:30 – 1:45 PM	<b>Panel Discussion</b>
<b>Session XII:</b>	<b>Update on Practice-Changing CV Trials of 2019</b> <i><u>Chair:</u> Sanjay Kaul, MD, FACC</i> <i><u>Discussants:</u> Daniel Berman, MD, FACC, Michelle Kittleson, MD, PhD, FACC, Jagat Narula, MD, PhD, MACC, Jignesh Patel, MD, PhD, FACC, Balaji Tamarappoo, MD, PhD</i>
1:45 – 1:55 PM	<b>PARAGON-HF Trial of Sacubitril/Valsartan in Heart Failure with Preserved Ejection Fraction (HFpEF)</b> <b><u>Discussion:</u> Why Did the Trial Fail? And What Now For HFpEF? SGLT2 Inhibitors?</b>
1:55 – 2:05 PM	<b>COAPT and MITRA-FR Trials of Transcatheter Mitral Valve Repair for Functional Mitral Regurgitation</b> <b><u>Discussion:</u> Given the Discordant Results, Should the FDA Have Waited for a Tiebreaker Before Approval?</b>
2:05 – 2:15 PM	<b>Insights from PROMISE and SCOT-HEART</b> <b><u>Discussion:</u> Should CCTA be the Test of First Choice for Evaluation of Patients with Chest Pain?</b>

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2:15 – 2:25 PM

**Insights From AUGUSTUS and STOPDAPT-2 Trials?**  
**Discussion: Is There Strong Evidence for Optimal Treatment Combination and Duration?**

**Session XIII:**

**Chairs:**

**Controversies in Advanced Heart Failure**

*Michele Hamilton, MD, FACC*

*Alfredo Trento, MD, FACC*

2:25 – 2:40 PM

**Heart Transplantation in 2019: Challenges and Opportunities**

*Michelle Kittleson, MD, PhD, FACC*

2:40 – 2:55 PM

**Use of RNA Interference (RNAi) Therapies in Cardiac Amyloidosis: Salvation?**

*Jignesh Patel, MD, PhD, FACC*

2:55 – 3:09 PM

**Debate: Xeno vs. TAH: Which is the Future?**

**Alternatives to Heart Transplantations**

• **Xenotransplantation**

*Lawrence S.C. Czer, MD, FACC*

• **Total Artificial Heart**

*Fardad Esmailian, MD*

3:09 – 3:25 PM

**Discussion**

3:25 – 3:45 PM

**Break & Visit Exhibits**

**Session XIV:**

**Chair:**

**Understanding Pathophysiology of Endurance Sports**

*Ramin Manshadi, MD, FACC*

3:45 – 4:00 PM

**Extreme Exercise and Coronary Calcium Score**

*Aaron Baggish, MD, FACC*

4:00 – 4:15 PM

**Exercise Optimization**

*Matthew T. Wheeler, MD, PhD*

4:15 – 4:30 PM

**Panel/Discussion**

*Aaron Baggish, MD, FACC, Ramin Manshadi, MD, FACC,*

*Matthew T. Wheeler, MD, PhD*

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**Session XV:                   Advanced Technology in CVD Management:  
Improving Outcomes and Quality**

- 4:30 – 4:45 PM                   **The Doctor Will ‘See’ You Now: Incorporating Handheld Ultrasound  
Into Daily Cardiology Care**  
*Ilan Kedan, MD*
- 4:45 – 5:00 PM                   **Coronary Flow Reserve Testing in INOCA and MINOCA Patients**  
*Erika Jones, MD, FACC*
- 5:00 – 5:15 PM                   **Assessing Activity in Response to Pharmacologic Therapy**  
*Kade Birkeland, PharmD, MSHDS*
- 5:15 – 5:30 PM                   **Panel Discussion**
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