

Session II:

Chairs:

Digital Medicine

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

10:15 – 10:30 AM

Healthcare in the Age of Disruption

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

The Future of Precision Medicine

Evan D. Muse, MD, PhD, FACC

11:15 – 11:30 AM

Keynote Lecture:

The Hospital Readmission Reduction Policy and Population Health in Heart Failure

Gregg Fonarow, MD, FACC

11:30 – 11:45 AM

The Future of Healthcare Delivery

Sachin Jain, MD, 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:

Chairs:

Controversies in the Treatment of CAD:

Expert Views

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

- 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:**
Chair:
- 2:00 – 2:15 PM **Plaque Assessment on CCTA: Is There Clinical Value?**
Damini Dey, PhD
- 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
Bruce Samuels, 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*
 Damini Dey, PhD
 Bruce Samuels, 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

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

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

November 14 & 15, 2019 ♦ Montage Beverly Hills

Friday, November 15, 2019

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

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

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

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

**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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