

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

December 2-3, 2021 ♦ The Maybourne Beverly Hills

Thursday, December 2, 2021

7:00 – 7:55 AM	Registration, Continental Breakfast, and Visit Exhibits
7:55 – 8:00 AM	Welcome Address <i>Raj Makkar, MD, FACC</i> <i>John G. Harold, MD, MACC</i>
8:00 – 8:10 AM	California ACC Welcome Address <i>Jamal S. Rana, MD, PhD, FACC</i>
8:10 – 8:40 AM	<u>The Ronald G. Victor, MD - Memorial Lecture</u> Cardiology's Biggest Controversy: The Lumen or The Wall? <i>James Forrester, MD, FACC</i>
8:40 – 9:25 AM	<u>Distinguished Lecture</u> An Illustrated History of Modern Cardiology and Cardiac Surgery <i>W. Bruce Fye, MD, MA, MACC</i>

Session I:

Chair:

Atherosclerosis and Dyslipidemia

P.K. Shah, MD, MACC

9:25 – 9:45 AM	What Triggers Inflammation in Atherosclerosis? <i>P. K. Shah, MD, MACC</i>
9:45 – 10:05 AM	Repurposing Colchicine for Atherosclerosis <i>Jean-Claude Tardif, MD, FACC</i>
10:05 – 10:25 AM	Fish Oil: Who Should Get It? <i>Peter Toth, MD, PhD, FACC</i>
10:25 – 10:45 AM	What Diet is Best for Cardiovascular Health? <i>Kim Allan Williams, MD, MACC</i>
10:45 – 11:00 AM	Break & Visit Exhibits

11:00 – 11:20 AM

Keynote Lecture

Upstream Treatment of Aortic Stenosis

Martin Leon, MD, FACC

Session II:

Digital Medicine

Chairs:

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

11:20 – 11:35 AM

HRS Guidelines Regarding Digital Health, Telehealth, and Arrhythmia

Christine M. Albert, MD, MPH, FACC

11:35 – 11:50 AM

The Future of Digital Innovation

John Rumsfeld, MD, FACC

11:50 AM – 12:05 PM

Personalized and Computations Cardiology

Harlan Krumholz, MD, SM, FACC

12:05 – 12:20 PM

Integration of AI Into Clinical Practice

Rahul Sharma, MBBS, FRACP

12:20 – 12:35 PM

Ambient Sensing and Wearables

David Ouyang, MD, FACC

12:35 – 1:30 PM

Lunch | Terrace, 3rd Floor

Session III:

Controversies in the Treatment of CAD: Expert Views

Chair:

Raj Makkar, MD, FACC

1:30 – 1:55 PM

Targeting Plaques, Treating Patients or Tweaking the Population

Jagat Narula, MD, PhD, MACC

1:55 – 2:10 PM

Public Reporting of Outcomes: What Are the Unintended Consequences?

TBD

2:10 – 2:25 PM

Coronary Physiology Is More Important Than Anatomy to Improve Outcomes

William Fearon, MD, FACC

2:25 – 2:40 PM

Evaluating Coronary Anatomy Is the Best Way to Improve Outcomes

David Newby, MD, PhD, FACC

2:40 – 2:55 PM

Treating Stenosis or Ischemia Does Not Improve Outcomes – Medical Therapy Is King

William Boden, MD, FACC, FAHA, FASPC

- 2:55 – 3:15 PM **Optimal Management of Left Main Disease in 2021**
Gregg Stone, MD, FACC
- 3:15 – 3:30 PM **A Surgeon's Perspective: Are We Underusing CABG?**
Joanna Chikwe, MD, FACC
- 3:30 – 3:45 PM **Break & Visit Exhibits**
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Session IV: **Structural Heart Disease**
Chair: *Raj Makkar, MD, FACC*
Moderator: *Gregory P. Fontana, MD, FACC*

- 3:45 – 4:00 PM **The Heart Valve Collaboratory**
Michael Mack, MD, MACC
- 4:00 – 4:15 PM **Durability of Transcatheter Heart Valves – Has the Dust Settled?**
Michael Reardon, MD, FACC
- 4:15 – 4:30 PM **What's New in Transcatheter Mitral and Tricuspid Valve Replacement?**
Raj Makkar, MD, FACC
- 4:30 – 4:45 PM **Why Is Transcatheter Edge-to-Edge Repair Underutilized in Heart Failure Management? A Discussion**
Michele Hamilton, MD, Michael Mack, MD, MACC, Raj Makkar, MD, FACC, Jignesh Patel, MD, PhD, FACC, Gregg Stone, MD, FACC
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Session V: **Update in Cardiac Imaging**
Chairs: *Daniel Berman, MD, FACC, and Alan Kwan, MD*

- 4:45 – 5:00 PM **Echocardiography in the Diagnosis and Management of Mitral Regurgitation**
Robert Siegel, MD, FACC
- 5:00 – 5:15 PM **CMR: Pivotal Role in Cardiomyopathy**
Michael Salerno, MD, PhD, FACC
- 5:15 – 5:30 PM **Pivotal Role of CT in Structural Heart Disease**
Jonathan Leipsic, MD

5:30 – 6:00 PM

Debate: Impact of AI (The Machine) on Cardiac Imaging

• **The Machine Wins**

Piotr Slomka, PhD, FACC

• **Can't Drive the Machine Without the Doctor**

David Ouyang, MD, FACC

6:00 PM

Adjourn

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

December 2-3, 2021 ♦ Montage Beverly Hills

Friday, December 3, 2021

7:00 – 7:55 AM	Registration, Continental Breakfast, and Visit Exhibits
7:55 – 8:00 AM	Welcome Address <i>Raj Makkar, MD, FACC</i>
Session VI: <u>Chairs:</u>	Clinical Electrophysiology <i>Christine M. Albert, MD, MPH, FACC, Sumeet Chugh, MD, FACC, Eli Gang, MD, FACC, Jeffrey Goodman, MD, FACC, Charles Swerdlow, MD, FACC</i>
8:00 – 8:25 AM	Device-Detected Atrial Fibrillation: NOAC or Not? (5 min Q&A) <i>Roopinder Sandhu, MD MPH</i>
8:25 – 8:50 AM	Clinical Pearls for P.O.T.S. (Postural Orthostatic Tachycardia Syndrome) (5 min Q&A) <i>Peng-Sheng Chen, MD, FACC</i>
8:50 – 9:30 AM	<u>Debate:</u> The Future of Primary Prevention ICDs <ul style="list-style-type: none">• Will Only Benefit Patients with EF <35% (10 min) <i>Eric C. Stecker, MD, MPH, FACC</i>• Will Have the Most Impact in Patients with EF >35% (10 min) <i>Sumeet Chugh, MD, FACC</i>• Rebuttal and Discussion (20 min)
9:30 – 10:00 AM	Break & Visit Exhibits

Session VII:

Chair:

Hypertension

Florian Rader, MD, MSc, FACC

10:00 – 10:14 AM

Debate: Aldosterone Blockade vs. Thiazide Diuretics: Which is the Superior Antihypertensive?

- **Aldo Blockers and New Trials** (7 min)

Florian Rader, MD, MSc, FACC

- **Thiazides, But They Are Not All Created Equal!** (7 min)

Natalie Bello, MD, MPH, FACC

10:14 – 10:28 AM

Debate: Race and HTN: True Biologic Difference or Just a Surrogate Marker?

- **Main Discussion** (7 mins)

Joseph Ebinger, MD, MS, FACC

- **What Did We Learn from the Barbershop Trials?** (7 mins)

C. Adair Blyler, PharmD, CHC

10:28 – 10:42 AM

Debate: Out-of-Office Blood Pressure Monitoring for the Management of Hypertension

- **Home and Ambulatory BP Monitoring Are Essential Tools** (7 mins)

Michael Weber, MD, FACC

- **Ambulatory BP Monitoring is an Antiquated and Impractical Tool** (7 mins)

Raj Khandwalla, MD, MA, FACC

10:42 – 11:00 AM

Panel Discussion:

Natalie Bello, MD, MPH, FACC, C. Adair Blyler, PharmD, CHC,

Joseph Ebinger, MD, MS, FACC, Raj Khandwalla, MD, FACC,

Florian Rader, MD, MSc, FACC, Michael Weber, MD, FACC

Session VIII:

Chair:

Discussants:

Update on Practice-Changing CV Trials of 2021

Sanjay Kaul, MD, MPH, FACC

George Bakris, MD, Steven E. Nissen, MD, MACC,

Milton Packer, MD, FACC, Peter Toth, MD, PhD, FACC

11:00 – 11:15 AM

N-3 PUFA: Do They Improve CV Outcomes? Reconciling Discordant Cardiorenal Metabolic Outcome Trials

11:15 – 11:30 AM

SGLT2 Inhibitors: Are They the Modern-Day Statins? Insights from Recent Cardiorenal Metabolic Outcome Trials

11:30 – 11:45 AM

TAVI for Low-Risk Severe Aortic Stenosis: Do We Have Sufficient Data to Inform the Guidelines?

11:45 AM – 12:00 PM

Role of Finerenone, a Novel Nonsteroidal Mineralocorticoid Receptor Antagonist, in Mitigating Cardiorenal Risk in T2 Diabetes

12:00 – 1:00 PM

Lunch | Terrace, 3rd Floor

The lunch activity is not included in CME hours

Lunch Panel: How Will COVID Change the World of Medicine Forever? Impact on Health Care Delivery, Education, Innovation, Industry and More

Moderators: *Gregory P. Fontana, MD, FACC, Frank Litvack, MD, FACC*

Discussants: *John G. Harold, MD, MACC, Dipti Itchhaporia, MD, FACC, Ronald Karlsberg, MD, FACC, Harlan Krumholz, MD, SM, FACC, James Laur, JD, Bruce Samuels, MD, FACC, Larry Wood*

1:00 -1:20 PM

Keynote Lecture

How Should We Define and Achieve Equity in Health Care?

Harlan Krumholz, MD, SM, FACC

1:20 – 1:40 PM

Keynote Lecture

Cardiac Care in Women: Emerging Risk Factors

Dipti Itchhaporia, MD, FACC

1:40 – 2:00 PM

Keynote Lecture

Heart Disease in Pregnancy

Athena Poppas, MD, MACC

2:00 – 2:20 PM

Keynote Lecture

New RNA Drugs for HfpEF

Eduardo Marbán, MD, PhD, FACC

Session IX:

Controversies in Advanced Heart Failure

Chair:

Jon Kobashigawa, MD, FACC

Moderator:

Dominic Emerson, MD, FACC

2:20 – 2:35 PM

Sodium-Glucose Co-Transporter 2 (SGLT2) and Heart Failure

Michelle Kittleson, MD, PhD, FACC

2:35 – 2:50 PM

Cardiac iBox to Predict Outcomes in Heart Transplant Patients

Jignesh Patel, MD, PhD, FACC

2:50 – 3:05 PM

Donation after Cardiac Death (DCD): A New Paradigm for Organ Donation in Heart Transplantation

Pedro Catarino, MD, FRCS

3:05 – 3:25 PM

Debate: Role of Digoxin in Heart Failure and Atrial Fibrillation

- *Michelle Kittleson, MD, PhD, FACC (10 min)*
- *John Mandrola, MD, FACC (10 min)*

3:25 – 3:35 PM

Panel Discussion

*Pedro Catarino, MD, FRCS, Dominic Emerson, MD,
Michelle Kittleson, MD, PhD, FACC, Jon Kobashigawa, MD, FACC,
Jignesh Patel, MD, PhD, FACC*

3:35 – 3:50 PM

Break & Visit Exhibits

Session X:

**Investigating Patients with Suspected Stable Angina:
Beyond ISCHEMIA**

Chair:

C. Noel Bairey Merz, MD, FACC

3:50 – 4:00 PM

Welcome, Overview of Session Goals

C. Noel Bairey Merz, MD, FACC

4:00 – 4:10 PM

Introductions of the Invited ISCHEMIA Trial Speakers

David Maron, MD, FACC

Gregg Stone, MD, FACC

4:10 – 4:55 PM

Summit Panel Discussion of Panel Questions

Peter Block, MD, FACC

William Boden, MD, FACC, FAHA, FASPC

4:55 – 5:00 PM

Closing Remarks

C. Noel Bairey Merz, MD, FACC

5:00 PM

Adjourn