



### Non-Certified Industry Events

#### Session #4502

#### A Changing Approach to Percutaneous Hemodynamic Support: Decisions, Devices and Results

Saturday, March 18, 2017, 6:15 a.m. - 7:45 a.m.

Marriott Marquis, Marquis Ballroom Salon 5

CME Hours: /CNE Hours:

6:15 a.m.

A Changing Approach to Percutaneous Hemodynamic Support: Decisions, Devices and Results

6:20 a.m.

The Evolution of Percutaneous Mechanical Circulatory Support

6:50 a.m.

The Need for Identification of Ischemic Substrate to Optimize Outcomes

7:00 a.m.

Choosing MCS Options in a.m.I Cardiogenic Shock: Rationale for Impella first / Door-to-Support: A new quality metric

7:20 a.m.

Practical Insights for adding hemodynamic support into your critical care path: The Detroit Cardiogenic Shock Initiative (CSI) Experience

7:40 a.m.

Heart Team Approach to Cardiogenic Shock: Important Personnel: necessary resources, training / Developing Algorithms: A Critical Need / Outreach strategies to increase access to care

### Special - Events and Meetings

#### Session #5009

#### Training Program Administrator Session

Saturday, March 18, 2017, 7:30 a.m. - 12 p.m.

Marriott Marquis, Marquis Ballroom Salon 12

CME Hours: /CNE Hours:

7:30 a.m.

Training Program Administrator Session

### Acute and Stable Ischemic Heart Disease - Scientific

#### Session #651

#### What is the PROMISE of ISCHEMIA: A 2017 Update on Stable Angina and the Douglas P. Zipes, MD, MACC, Distinguished Young Scientist Awardee Lecture

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 143 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Judith Hochman

Co-Chair: Mandeep Sidhu

Panelist: Marcelo F. Di Carli

Panelist: Dharam Kumbhani

Panelist: Brahmajee Nallamothu

8:00 a.m.

Introduction of the Douglas P. Zipes Award Recipient  
Douglas P. Zipes  
Indianapolis, IN

8:05 a.m.

Douglas P. Zipes, MD, MACC, Distinguished Young Scientist Lecture: Ensuring Patients Receive the Right Therapy at the Right Time  
Steven Bradley  
Denver, CO

8:25 a.m.

Non-invasive Risk Stratification in Stable Angina: Anatomical Perspective

Mario Garcia

Bronx, NY

8:34 a.m.

Non-invasive Risk Stratification in Stable Angina: Functional Perspective  
Rory Hachamovitch  
Cleveland, OH

8:43 a.m.

Panel Discussion

8:49 a.m.

Debate: Non-invasive risk stratification is the Optimal Gatekeeper for Revascularization in Stable Angina: Pro  
Manesh Patel  
Durham, NC

8:58 a.m.

Non-invasive Risk Stratification is the Optimal Gatekeeper for Revascularization in Stable Angina: Con  
Allen Jeremias  
Huntington, NY

9:07 a.m.

Panel Discussion

9:13 a.m.

Putting it All Together: Design and Rationale of the Ongoing isCHEMIA Trial  
David Maron  
Stanford, CA

9:22 a.m.

Question and Answer

### Acute and Stable Ischemic Heart Disease - Scientific

#### Session #652

#### Debates: Is There Really a Sex Difference in CV Presentation, Care, and Outcomes?

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 150 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Karen Alexander

Co-Chair: Jennifer Tremmel

Panelist: Roxana Mehran

Panelist: Timothy D. Henry

Panelist: Nanette Wenger

8:00 a.m.

Launching the Debates: Understanding the Difference Between Sex and Gender  
Jennifer Tremmel  
Palo Alto, CA

8:05 a.m.

There is a Gender Bias in Cardiac Care: PRO  
David Alan Cox  
Allentown, PA

8:12 a.m.

There is a Gender Bias in Cardiac Care: CON  
Bonnie Weiner  
Harvard, MA

8:19 a.m.

Question and Answer

8:22 a.m.

Women Have Different Symptoms Than Men: PRO



Martha Gulati  
Phoenix, AZ

8:29 a.m.  
Women Have Different Symptoms Than Men: CON  
Annabelle Volgman  
Chicago, IL

8:36 a.m.  
Question and Answer

8:39 a.m.  
Women Have a Worse Prognosis Than Men Following STEMI: PRO  
Alexandra Lanksy  
New Haven, CT

8:46 a.m.  
Women Have a Worse Prognosis Than Men Following STEMI: CON  
Timothy D. Henry  
Los Angeles, CA

8:53 a.m.  
Question and Answer

8:56 a.m.  
Women Are Less Likely to Get Secondary Prevention Medications and Cardiac Rehab: PRO  
Bjorn Redfors  
New York City, NY

9:03 a.m.  
Women Are Less Likely to Get Secondary Prevention Medications and Cardiac Rehab: CON  
Cindy Grines  
Detroit, MI

9:10 a.m.  
Question and Answer

9:13 a.m.  
We Need Women's Heart Health Clinics: PRO  
C. Noel Bairey Merz  
Los Angeles, CA

9:20 a.m.  
We Need Women's Heart Health Clinics: CON  
Ezra Amsterdam  
Sacramento, CA

9:27 a.m.  
Question and Answer

### Arrhythmias and Clinical EP - Oral Contributions

#### Session #901

#### Highlighted Original Research: Arrhythmias and Clinical EP and the Year in Review

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 146 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Peter Brady  
Co-Chair: Kenneth A. Ellenbogen

8:00 a.m.  
Year in Review Speaker  
David Wilber

8:12 a.m.  
Optogenetic Approach Modulates Cardiac Sympathetic Ganglion to Protect Against Ischemia Related Ventricular Arrhythmias

Lilei Yu, Liping Zhou, Bing Huang, Zhuo Wang, Songyun Wang, Menglong Wang, Xuefei Li, Guannan Meng, Shenxu Yuan, Yuhong Wang, Xiaoya Zhou, Hong Jiang, Renmin Hospital of Wuhan University, Wuhan, People's Republic of China

8:22 a.m.  
Discussion

8:25 a.m.  
Ivabradine in Patients With Symptomatic Inappropriate Sinus Tachycardia: Long-Term Observational Study  
Pawel Ptaszynski, Krzysztof Kaczmarek, Iwona Cygankiewicz, Thomas Klengenheben, Irminda Urbanek, Jerzy K. Wranicz, Medical University of Lodz, Lodz, Poland

8:35 a.m.  
Discussion

8:38 a.m.  
Effectiveness and Safety of Direct Oral Anticoagulants Compared With Vitamin-K Antagonists: Initial Results From a Cohort Study in the Nationwide French Claims and Hospitalization Database (SNIIRAM)  
Nicholas Moore, Patrick Blin, Caroline Dureau, Yves Cottin, Patrick Mismetti, Regis Lassalle, Abdelilah Abouelfath, Jacques Benichou, Cecile Droz, Bordeaux Pharmacoepi-INSERM CIC1401, Bordeaux, France, University of Bordeaux, Bordeaux, France

8:48 a.m.  
Discussion

8:51 a.m.  
Chronic Performance of Communicating Leadless Anti-Tachycardia Pacemaker and Subcutaneous Implantable Cardioverter Defibrillator  
Fleur Tjong, Tom Brouwer, Brendan Koop, Brian Soltis, Allan Shuros, Martin Burke, Reinoud Knops, Academic Medical Center, Amsterdam, The Netherlands

9:01 a.m.  
Discussion

9:04 a.m.  
Peri-Procedural Use of Novel Oral Anticoagulation Agents During Cardiac Device Implantation: Are They Safe?  
Valay Parikh, Madhav Lavu, Venkat Lakshmi Kishan Vuddanda, Mohammad Jazayeri, Vidhya Reddy, Bhavya Yarlagadda, Himabindu Korra, Rakesh Venkata, Sudharani Bommana, Donita Atkins, Madhu Reddy, Dhanunjaya Lakkireddy, The University of Kansas Hospital, Kansas City, KS, USA

9:14 a.m.  
Discussion

9:17 a.m.  
Renal Nerve Denervation Suppress Ventricular Arrhythmia in a Porcine Model After Acute Myocardial Infarction  
Sungsoo Kim, Kim Hyun Kuk, Hyung Wook Park, Myung Ho Jeong, Dong Goo Kang, Seung Uk Lee, Sang Ki Cho, Cho Jae Young, Min Chul Kim, Ki Hong Lee, Namsik Yoon, Jeong-Gwan Cho, Kwangju Christian Hospital, Kwangju, South Korea, Chonnam University Hospital, Kwangju, South Korea

9:27 a.m.  
Discussion



### Congenital Heart Disease - Scientific

#### Session #653

##### Six Years of Making an IMPACT

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 146 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert Beekman

Co-Chair: Georges Ephrem

Panelist: Aimee K. Armstrong

Panelist: Matthew Lewis

Panelist: Gerard Martin

Panelist: Ada Stefanescu

8:00 a.m.

ACC Talk: The IMPACT Registry Can Be Used by Families to Shop for the Best Center

Gerard Martin

Washington, DC

8:12 a.m.

Question and Answer

8:15 a.m.

Creating an IMPACT: Establishing a Congenital Catheterization Registry from Scratch

Robert Vincent

Atlanta, GA

8:25 a.m.

Question and Answer

8:28 a.m.

Adjusting for Risk within IMPACT

Natalie Jayaram

Kansas City, MO

8:38 a.m.

Question and Answer

8:41 a.m.

How You Can Make an IMPACT: How to Use the Registry for Research

Brian Boe

Columbus, OH

8:51 a.m.

Question and Answer

8:54 a.m.

Proximal Pulmonary Artery Stenting: Efficacy and Adverse Events

Matthew Lewis

New York, NY

9:04 a.m.

Question and Answer

9:07 a.m.

Making an IMPACT: Using the Registry for QI

Aimee Armstrong

Columbus, OH

9:17 a.m.

Question and Answer

9:20 a.m.

Panel Discussion

### Congenital Heart Disease - Core Curriculum

#### Session #807

##### Core Curriculum: Rhythm and the Blues: Still Young at Heart

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 151 A

CME Hours: 1.5 /CNE Hours: 1.5

Chair: Carole A. Warnes

8:00 a.m.

Simple versus Complex CHD: When to Refer to a Specialist?

Ashraf Harahsheh

Washington, DC

8:25 a.m.

Common Misfirings of the Heart: Implications in ACHD

Dhaval R. Parekh

Houston, TX

8:50 a.m.

Managing the Failing Heart in the Blue Patient

Doreen D. Yeh

Boston, MA

9:15 a.m.

Question and Answer

### Heart Failure and Cardiomyopathies - Scientific

#### Session #655

##### Recognition of Specific Etiologies and Phenotypes in Heart Failure: Time for Precision

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 146 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Savitri Fedson

Co-Chair: Gerasimos Filippatos

Panelist: Jagat Narula

Panelist: Grace Lin

Panelist: Margaret Redfield

Panelist: Michael Felker

Panelist: Biykem Bozkurt

8:00 a.m.

Greater Precision: The MOGE(S) Classification for Phenotype-Genotype of Cardiomyopathy

G. William Dec, JR

Boston, MA

8:15 a.m.

Etiology of Cardiomyopathy Matters: One Treatment Does not Fit All

Biykem Bozkurt

Houston, TX

8:30 a.m.

Identifying Targets for Therapy in HFpEF

Margaret Redfield

Rochester, MN

8:45 a.m.

Newer Imaging and Diagnostic Modalities in Heart Failure

Grace Lin

Rochester, MN

9:00 a.m.

The Role of Biomarkers in Heart Failure: Holy Grail or Holy Cow?

Michael Felker

Durham, NC



9:15 a.m.  
Panel Discussion

### Heart Failure and Cardiomyopathies - Oral Contributions

Session #902

#### Highlighted Original Research: Heart Failure and Cardiomyopathies and the Year in Review

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 144 A

CME Hours: 1.5 / CNE Hours: 1.5

Co-Chair: David DeNofrio

Co-Chair: Lee Goldberg

8:00 a.m.  
Year in Review Speaker  
Christopher M. O'Connor

8:12 a.m.  
Mortality and Morbidity in Patients With Heart Failure and Reduced Ejection Fraction Exposed to Digoxin: Comprehensive Data According to Atrial Fibrillation in 23,708 Patients From the Swedish Heart Failure Registry  
Gianluigi Savarese, Giuseppe Rosano, Camilla Hage, Ulf Dahlstrom, Paul Hauptman, Lars Lund, Lars H. Lund, Stockholm, Sweden

8:22 a.m.  
Discussion

8:25 a.m.  
Higher Beta-Blocker Dose Versus Lower Heart Rate in Patients With Heart Failure Due to Systolic Dysfunction  
Tarek Ajam, Samer Ajam, Srikanth Devaraj, Stephen Sawada, Masoor Kamalesh, Indiana University School of Medicine, Indianapolis, IN, USA

8:35 a.m.  
Discussion

8:38 a.m.  
Sustained Clinical Benefit of Cardiac Resynchronization Therapy in Patients With Relatively Preserved Ejection Fraction: A MADIT-CRT Long-Term Follow-Up Sub-Study  
Katherine Vermilye, Usama Daimee, Scott Solomon, Scott McNitt, Wojciech Zareba, Arthur Moss, Valentina Kutyla, University of Rochester Medical Center, Rochester, NY, USA, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

8:48 a.m.  
Discussion

8:51 a.m.  
Increased Tumor Necrosis Factor- $\alpha$  Levels in Patients With Continuous-Flow Left Ventricular Assist Devices Mediate Vascular Instability and Are Associated With Higher Non-Surgical Bleeding  
Corey Tabit, Mitchell Coplan, Phetcharat Chen, Valluvan Jeevanandam, Nir Uriel, James Liao, The University of Chicago, Chicago, IL, USA

9:01 a.m.  
Discussion

9:04 a.m.  
Changes in Citric Acid Metabolism Are Associated With the Development of Anthracycline-Induced Cardiotoxicity in Mice and in Patients  
Aarti Asnani, Xu Shi, Laurie Farrell, Robert Tainsh, Sara Vandenwijngaert, Kai-Hung Cheng, Emmanuel Buys, Robert Gerszten, Marielle Scherrer-Crosbie, Massachusetts General Hospital, Boston, MA, USA

9:14 a.m.  
Discussion

9:17 a.m.  
Cardiac Myosin Binding Protein-C De-Phosphorylation Mediated Slowing of Cross-Detachment Worsens Heart Failure  
Carl Wei-Chan Tong, Paola Rosas, David Kidwell, Yang Liu, Texas A&M University HSC College of Medicine, Temple, TX, USA, Baylor Scott & White Health, Temple, TX, USA

9:27 a.m.  
Discussion

### Interventional Cardiology - International

Session #518

#### International CV Centers of Excellence: Leveraging the NCDR for Achieving High Quality Care

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 145 B

CME Hours: 1.5 / CNE Hours: 1.5

Co-Chair: Ralph G. Brindis  
Co-Chair: Sarah C. Clarke  
Panelist: Marcelo Franken

8:00 a.m.  
Introduction to Session  
Ralph G. Brindis  
Oakland, CA

8:00 a.m.  
Introduction to Session  
Sarah C. Clarke  
Cambridge, United Kingdom

8:10 a.m.  
How We Built a Center of Excellence? - The Totalcor Experience  
Pedro Gabriel Melo De Barros E Silva  
São Paulo, Brazil

8:25 a.m.  
NCDR and ACC International Center of Excellence - The Indian Experience  
Keyur H. Parikh  
Ahmedabad, India

8:40 a.m.  
NCDR Registries: Moving Towards a Value Based Health Care in an ICOE in Brazil  
Marcelo Katz  
Sao Paulo, Brazil

8:55 a.m.  
The Impact of the NCDR on Procedural Outcome  
Ali Alghamdi  
Riyadh, Saudi Arabia

9:10 a.m.  
Panel Discussion with Audience Question and Answer

9:25 a.m.  
Conclusion  
Ralph G. Brindis  
Oakland, CA

9:25 a.m.  
Conclusion  
Sarah C. Clarke  
Cambridge, United Kingdom





### Interventional Cardiology - Scientific

#### Session #657

#### Practicum on Tools for CHIP (Complex and Higher-Risk Procedures in Indicated Patients)

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 202 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mauricio G. Cohen

Co-Chair: Ajay J. Kirtane

8:00 a.m.

What Is Higher-Risk PCI  
Jeffrey Moses

8:10 a.m.

Question and Answer

8:15 a.m.

Left Main PCI for the Masses: Simple Concepts and Tools  
George D. Dangas  
New York, NY

8:25 a.m.

Question and Answer

8:30 a.m.

Managing Calcium in the Cath Lab: Current Tools and How to Improve Your Atherectomy Skills  
Samin K. Sharma  
New York, NY

8:40 a.m.

Question and Answer

8:45 a.m.

CTO PCI What You and Your Team Needs to Be Able to Complete the Task  
Prashant Kaul  
Atlanta, GA

8:55 a.m.

Question and Answer

9:00 a.m.

When and How to Use Hemodynamic Support for High Risk PCI  
Ajay J. Kirtane  
New York, NY

9:10 a.m.

Question and Answer

9:15 a.m.

Managing Risk and Complications in the Cath Lab  
Simon Walsh  
Ireland

9:25 a.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #658

#### The Tricuspid Valve: The New Frontier

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Paul A. Grayburn

Co-Chair: Horst Sievert

8:00 a.m.

The Magnitude and Impact of Isolated and Secondary Tricuspid Regurgitation on Outcomes  
Christian Spies

8:10 a.m.

Current Landscape of Transcatheter Tricuspid Valve Repair  
Horst Sievert  
Frankfurt, Germany

8:20 a.m.

Case Presentation: Mitraclip Repair of the Tricuspid Valve  
Christoph Hammerstingl  
53127 Bonn, Germany

8:25 a.m.

Case Discussion with Question and Answer

8:35 a.m.

Case Presentation: Percutaneous Tricuspid Valve Repair with a Direct Transcatheter Annuloplasty System  
Charles J. Davidson  
Chicago, IL

8:40 a.m.

Case Discussion with Question and Answer

8:50 a.m.

Essential Pre-procedural Echocardiography Criteria of Tricuspid Regurgitation  
Anna Lisa Crowley  
Durham, NC

9:00 a.m.

Role of CT and MR in Imaging of Tricuspid Valve Disease  
Trevor L. Jenkins  
Cleveland, OH

9:10 a.m.

Debate Pro: We Need Percutaneous Tricuspid Repair Treatment Options Now  
Horst Sievert  
Frankfurt, Germany

9:15 a.m.

Debate Con: Tricuspid Repair Is Well Covered with Conventional Surgery  
Steven F. Bolling  
Ann Arbor, MI

9:20 a.m.

Rebuttal: Pro

9:23 a.m.

Rebuttal: Con

9:26 a.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #659

#### Challenging Anatomies: Does TAVR Device Choice Matter

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 207 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Prakash Balan

Co-Chair: Alan Zajarias

Panelist: Anita W. Asgar

Panelist: Nirat Beohar

Panelist: John D. Carroll

Panelist: Hasan Jilaihawi



8:00 a.m.

Management of the Horizontal Aorta

Azeem Latib

Milan, Italy

8:12 a.m.

Management of the Bicuspid Valve

Hasan Jilaihawi

West Hollywood, CA

8:24 a.m.

Management of Left Ventricular Outflow Tract Calcium

Marco Barbanti

Vancouver, Canada

8:37 a.m.

Management of the Small Aortic Root

Michael Reardon

Houston, TX

8:50 a.m.

Anatomy-specific Choice for Non-transfemoral TAVR

William T. Brinkman

Dallas, TX

9:03 a.m.

Management of Concomitant Coronary Artery Disease: Does the Valve Type Matter?

Samir R. Kapadia

Cleveland, OH

9:15 a.m.

Panel Discussion with Question and Answer

### Interventional Cardiology - Oral Contributions

#### Session #903

#### Highlighted Original Research: Interventional Cardiology and the Year in Review

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 201

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David Kandzari

Co-Chair: Sunil Rao

8:00 a.m.

Year in Review Speaker

Spencer B. King

8:12 a.m.

New-Onset Atrial Fibrillation Following Transcatheter Aortic Valve Replacement: Incidence, Anticoagulant Strategy, and Outcomes

Amit Vora, Dadi (David) Dai, Roland Matsouaka, J. Kevin Harrison, G. Chad Hughes, Matthew Sherwood, Jonathan Piccini, David Cohen, David Holmes, Bhaskar Bhardwaj, Vinod Thourani, Eric Peterson, Sreekanth Vemulapalli, Duke Clinical Research Institute, Durham, NC, USA

8:22 a.m.

Discussion

8:25 a.m.

Percutaneous Closure of Patent Foramen Ovale Is Associated With Lower Incidence Cryptogenic Strokes Among Patients With Inherited Thrombophilias Treated With Anticoagulant or Antiaggregant Therapy  
Yonatan Buber, David Orion, Sharon Borik, Ori Varuri, Victor Guetta, Sheba Medical Center, Ramat Gan, Israel

8:35 a.m.

Discussion

8:38 a.m.

Impact of Final Minimal Stent Area by IVUS on 3-Year Outcome After PCI of Left Main Coronary Artery Disease: The EXCEL Trial

Akiko Maehara, Gary Mintz, Patrick Serruys, A. Kappetein, David Kandzari, Erick Schampaert, Ad Van Boven, Ferenc Horkay, Imre Ungi, Samer Mansour, Adrian Banning, David Taggart, Manel Sabaté, Anthony Gershlick, Andrzej Bochenek, Jose Pomar, Nicholas Lembo, Nicolas Noiseux, John Puskas, W. Morris Brown, Roxana Mehran, Ori Ben-Yehuda, Charles Simonton, Joseph Sabik, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA, Columbia University Medical Center, New York, NY, USA

8:48 a.m.

Discussion

8:51 a.m.

Clinical, Angiographic and Procedural Correlates of Absorb Scaffold Thrombosis: A Matched Multicenter Registry Analysis

Stephen G. Ellis, Tommaso Gori, Giuseppe Steffenino, Dean Kereiakes, Gregg Stone, Holger Nef, Salvatore Brugaletta, Luca Testa, Alexandre Abizaid, Takeshi Kimura, Corrado Tamburino, Robert-Jon van Guens, Patrick Serruys, Maurizio Menichelli, Bernardo Cortese, Run-Lin Gao, Cleveland Clinic, Cleveland, OH, USA

9:01 a.m.

Discussion

9:04 a.m.

Safety of Same Day Discharge Following PCI for Non-ST Elevation Acute Coronary Syndromes

Ibrahim Kassar, Barinder Hansra, Aditya Vaze, Adedotun Ogunsua, Deejo Mohamud, Michael Gagnier, Summer Aldrugh, Antoine Soueid, Ahmed Nagy, Jason Stencil, Margaret Oliverio, Kurt Barringhaus, Mohammed Akhter, University of Massachusetts Medical School, Worcester, MA, USA

9:14 a.m.

Discussion

9:17 a.m.

Implications of Worsening Right Ventricular Function Following Transcatheter or Surgical Aortic Valve Replacement: Insights From PARTNER2A

Paul Cremer, L. Leonardo Rodriguez, Yiran Zhang, Maria Alu, Brian Lindman, Alan Zajarias, Rebecca Hahn, Stamatis Lerakis, S. Chris Malaisrie, Pamela S. Douglas, Philippe Pibarot, Lars Svensson, Martin Leon, Wael Jaber, Cleveland Clinic, Cleveland, OH, USA

9:27 a.m.

Discussion

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific

#### Session #656

#### Challenges in Cardiac CT: Case-Based Discussions

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 140 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Benjamin J. Chow

Co-Chair: Quynh Truong

8:00 a.m.

The Asymptomatic Patient: Risk Factor Score or Calcium Score?

Michael Blaha

8:18 a.m.

Suspected Native and Prosthetic Valve Complications: The Role of Cardiac CT

Milind Y. Desai

Cleveland, OH



8:36 a.m.

Cardiac CT to Guide Atrial Appendage and other non-TAVR Cardiovascular Interventions  
Mohamed Marwan  
Erlangen, Germany

8:54 a.m.

Suspected LVAD and Other Circulatory Support System Complications: The Role of Cardiac CT  
Dominik Fleischmann  
Stanford, CA

9:12 a.m.

Question and Answer

### Prevention - Scientific

#### Session #660

#### Hypertension: Evolving Evidence, Changing Guidelines

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Ballroom B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Suzanne Oparil

Co-Chair: Rhian Touyz Kingdom

Panelist: John Chalmers

Panelist: William C.ushman

Panelist: Sidney Smith, Jr.

Panelist: Paul Whelton

8:00 a.m.

Evolution of U.S. Hypertension Guidelines

Paul Whelton

New Orleans, LA

8:18 a.m.

2014 Evidence-based Guideline for the Management of High Blood Pressure in Adults from the Panel Members Appointed to the Eighth Joint National Committee (JNC 8)

Sidney Smith

Chapel Hill, NC

8:36 a.m.

SPRINTing to Success: An International Perspective on Hypertension Guidelines

William Cushman

Memphis, TN

8:54 a.m.

Finding Common Ground in the Management of Hypertension

John Chalmers

Sydney NSW 2042, Australia

9:12 a.m.

Question and Answer

### Prevention - Scientific

#### Session #661

#### Harnessing the Power of Genetics to Prevent ASCVD

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Ballroom C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Henry Ginsberg

Co-Chair: Michael Shapiro

8:00 a.m.

Leveraging Genetic Epidemiology to Understand Cardiovascular Risk – What Have Nature's Randomized Trials Taught Us?

Brian Ference

8:12 a.m.

Severe Hypercholesterolemia: Does the Genotype Matter?

Christie M. Ballantyne

Houston, TX

8:24 a.m.

The Enigmatic Particle – New Frontiers in Lp(a)

Boerge Nordestgaard

Denmark

8:36 a.m.

Genetic Insights into Triglyceride Related Risk and Treatment

Daniel Gaudet

Canada

8:48 a.m.

HDL – Causal, Confounded, or Confusing?

John Kastelein

Netherlands

9:00 a.m.

Question and Answer

### Pulmonary Hypertension and Venous Thrombo-embolic Disease - Oral Contributions

#### Session #904

#### Highlighted Original Research: Pulmonary Hypertension and Venous Thrombo-embolic Disease and the Year in Review

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 147 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mardi Gomberg-Maitland

Co-Chair: Francois Haddad

8:00 a.m.

Year in Review Speaker

Nazzareno Galié

8:12 a.m.

A Benefit-Risk Analysis of Recurrent Venous Thromboembolism in Patients Who Continued Versus Discontinued Rivaroxaban Therapy After an Initial Six-Month Therapy

Scott Kaatz, Jeffrey Berger, Philip S. Wells, Roger Seheult, Veronica Ashton, François Laliberté, Concetta Crivera, Dominique Lejeune, Yongling Xiao, Jeff Schein, Peter Wildgoose, Patrick Lefebvre, Alok A. Khorana, Janssen Scientific Affairs, LLC, Raritan, NJ, USA

8:22 a.m.

Discussion

8:25 a.m.

Peripheral Anatomic Distribution of Thrombus Does Not Adversely Affect Outcomes in Patients Undergoing Surgical Pulmonary Embolectomy for Submassive and Massive Pulmonary Embolism

Chetan Pasrija, Isa Mohammed, Aakash Shah, Francis A. Brigante, Mehrdad Ghoreishi, James Gammie, Bartley Griffith, Zachary Kon, University of Maryland School of Medicine, Baltimore, MD, USA

8:35 a.m.

Discussion

8:38 a.m.

Racial Differences in Patients Referred for Right Heart Catheterization and Risk of Pulmonary Hypertension

Bin Yang, Tufik R. Assad, Reid D'Amico, Stephen J. Halliday, Meng Xu, Eric Farber-Eger, Quinn S. Wells, Evan L. Brittain, Vanderbilt University Medical Center, Nashville, TN, USA



8:48 a.m.  
Discussion

8:51 a.m.  
Simplified Measures of Right Ventricular and Atrial Remodeling Are Predictive of Outcomes in Patients With Pulmonary Hypertension  
Masataka Sugahara, Keiko Ryo-Koriyama, Akiko Goda, Omar Batal, Marc Simon, John Gorcsan, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

9:01 a.m.  
Discussion

9:04 a.m.  
Trends in Catheter Directed Thrombolysis and Systemic Thrombolysis for Pulmonary Embolism Treatment: 2004-2014  
Srinath Adusumalli, Bram Geller, Lin Yang, Jay Giri, Peter Groeneveld, Cardiovascular Outcomes, Quality and Evaluative Research Center, University of Pennsylvania, Philadelphia, PA, USA, Leonard Davis Institute of Health Economics, University of Pennsylvania, Philadelphia, PA, USA

9:14 a.m.  
Discussion

9:17 a.m.  
MELODY-1: A Pilot Study of Macitentan in Pulmonary Hypertension Due to Left Ventricular Dysfunction  
Jean-Luc Vachier, Marion Delcroix, Hikmet Al-Hiti, Michela Efficace, Martin Hutryra, Gabriela Lack, Kelly Papadakis, Lewis Rubin, Department of Cardiology, Hôpital Erasme, Université Libre de Bruxelles, Brussels, Belgium, Actelion Pharmaceuticals Ltd., Allschwil, Switzerland

9:27 a.m.  
Discussion

### Special - Late-Breaking Clinical Trials Session #404

Joint American College of Cardiology/Journal of the American Medical Association Late-Breaking Clinical Trials  
Saturday, March 18, 2017, 8 a.m. - 9:15 a.m.  
Hall D (Main Tent)  
CME Hours: 1.25 /CNE Hours: 1.25

Chair: Jeffrey T. Kuvin  
Co-Chair: Eric D. Peterson  
Panelist: Deepak L. Bhatt  
Panelist: Roger S. Blumenthal  
Panelist: Jonathan Halperin  
Panelist: Karol E. Watson  
Panelist: Jackson T. Wright

8:00 a.m.  
Rivaroxaban or Aspirin for Extended Treatment of Venous Thromboembolism  
Jeffrey Weitz, Anthonie W. A. Lensing, Martin Prins, Philip S. Wells, Paolo Prandoni, Bayer AG, Wuppertal, Germany

8:10 a.m.  
Panel Discussion

8:15 a.m.  
A Randomized Trial Evaluating Clinically Significant Bleeding With Low-Dose Rivaroxaban Versus Aspirin, in Addition to P2Y12 Inhibition, for Patients After Acute Coronary Syndromes  
Erik Magnus Ohman, Matthew Roe, Philippe Steg, Stefan James, Thomas Povsic, Jennifer White, Frank Rockhold, Alexei Plotnikov, Hardi Mundl, Christoph Bode, Robert Welsh, C. Michael Gibson, Duke Clinical Research Institute, Duke University School of Medicine, Durham, NC, USA

8:25 a.m.  
Panel Discussion

8:30 a.m.  
e-Counseling for Self-Care Adherence Adds Therapeutic Benefit for Hypertension: The REACH Trial  
Rob Nolan, Ross Feldman, Martin Dawes, Janusz Kaczorowski, Hazel Lynn, Susan Barr, Carolyn MacPhail, Scott Thomas, Jack Goodman, Sam Liu, Rika Tanaka, Ada Payne, Jelena Surikova, University Health Network, Toronto, Canada, University of Toronto, Toronto, Canada

8:40 a.m.  
Panel Discussion

8:45 a.m.  
Effect of Serial Infusions of CER-001, a Pre-Beta High-Density Lipoprotein Mimetic on Coronary Atherosclerosis: Results of the CARAT Study  
Stephen J. Nicholls, Jordan Andrews, John Kastelein, Bela Merkely, Steven Nissen, Kausik Ray, Gregory Schwartz, Stephen Worthley, Constance Keyserling, Jean-Louis DASSEUX, Susan Kim, Liddy Griffith, Julie Butters, South Australian Health and Medical Research Institute, Adelaide, Australia

8:55 a.m.  
Panel Discussion

9:00 a.m.  
Primary Results of EBBINGHAUS, a Cognitive Study of Patients Enrolled in the FOURIER Trial  
Robert P. Giugliano, Francois Mach, Kenton Zavitz, Anthony Keech, Terje Pedersen, Marc Sabatine, Peter Sever, Christopher Kurtz, Narimon Honarpour, Brian R. Ott, Brigham and Women's Hospital, Boston, MA, USA, Brown University, Providence, RI, USA

9:10 a.m.  
Panel Discussion

### Special - Symposium Session #106

Cardiovascular Update for the Clinician I: Coronary Artery Disease — Challenges in 2017 (A Symposium by Dr. Valentin Fuster)  
Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.  
Ballroom A  
CME Hours: 1.5 /CNE Hours: 1.5

Chair: Valentin Fuster  
Panelist: Borja Ibanez  
Panelist: Glenn N. Levine  
Panelist: Gregg W. Stone

8:00 a.m.  
New Frontiers of Bioimaging In The Promotion of Cardiovascular Health  
Valentin Fuster  
New York, NY

8:15 a.m.  
STEMI 2 - Complete Versus Culprit Lesion Only Primary PCI Is FFR of Non-culprit Lesions Part of the Deal?  
Deepak L. Bhatt  
Newton, MA

8:30 a.m.  
STEMI1 - Timing to Reperfusion /Reperfusion Injury the two Priority Challenges to Decrease Infarct Size  
Borja Ibanez  
Madrid, Spain

8:45 a.m.  
STEMI Versus NSTEMI Versus STABLE CAD - Post PCI DAPT Duration Scoring the Complexity of Disease and of Stent  
Gregg W. Stone  
New York, NY



9:00 a.m.  
STEMI Versus NSTEMI vs STABLE CAD: Five Challenging Atherothrombotic Approaches  
Glenn N. Levine  
Pearland, TX

9:15 a.m.  
Panel Discussion/Audience Question and Answer

### Special - Scientific

#### Session #300

##### FIT Forum: Scholarship and Education

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 145 A

CME Hours: /CNE Hours:

Co-Chair: Akhil Narang  
Co-Chair: Bryan J. LeBude

8:00 a.m.  
How to Find a Research Mentor  
Clyde W. Yancy

8:15 a.m.  
How to Build a Research Portfolio  
Nihar Desai  
West Haven, CT

8:30 a.m.  
How to Write and Revise a Manuscript  
Jonathan P. Piccini  
Durham, NC

8:45 a.m.  
How My Grant Was Funded  
Michael Broman  
Chicago, IL

9:00 a.m.  
Behind the Curtain: Insights into JACC Publication Processes and Opportunities for FITs  
Justine Cadet  
Washington, DC

9:15 a.m.  
Question and Answer

### Special - Scientific

#### Session #654

##### Overcoming Today's Challenges to Launching and Growing Your Academic Medical Career: An Interactive Tutorial

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 152 A

CME Hours: 1.5 /CNE Hours:

Co-Chair: Marvin A. Konstam  
Co-Chair: Robert A. Harrington

8:00 a.m.  
AMCs Under Siege: Facing the New Realities  
John Warner

8:18 a.m.  
Participant  
Douglas Mann

8:36 a.m.  
Thriving in Academia I: Clinician-Investigator  
Michael T. Chin  
Seattle, WA

8:54 a.m.  
Thriving in Academia II: Clinician-Educator  
John A. McPherson  
Nashville, TN

9:12 a.m.  
Closing Panel with All Participants

### Special - Scientific

#### Session #662

##### Public Reporting and NCDR: The Decision to Report Your Data Before the Feds Decide

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 147 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Gregory J. Dehmer  
Co-Chair: Mia Stone

8:00 a.m.  
Transparency: the ins and outs of your data  
Gregory J. Dehmer

8:15 a.m.  
Our response to YELP ratings for our physicians  
Geoffrey A. Rose  
Charlotte, NC

8:30 a.m.  
From NCDR to Patient Experience, What do you Recommend to Report?  
Cathleen Biga

8:45 a.m.  
NCDR and Regional Hospital Public Reporting: The Washington State  
Michael E. Ring  
Spokane, WA

9:00 a.m.  
Where is this data and what do i do?  
Barbara J. Christensen  
Washington, DC

9:15 a.m.  
Audience Question and Answer

### Valvular Heart Disease - Scientific

#### Session #663

##### Valvular Heart Disease Guidelines -- The Evidence and the Gaps

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 204 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Rick A. Nishimura  
Co-Chair: Patrick T. O'Gara

8:00 a.m.  
What's New? - Reasons for Updating the 2014 VHD Guideline  
Catherine M. Otto

8:10 a.m.  
What Changed? - The Scope of the VHD Focused Update: Aortic Stenosis  
Michael J. Mack  
Plano, TX

8:15 a.m.  
What Changed? - The Scope of the VHD Focused Update: BAV/Aortopathy  
Robert O. Bonow  
Chicago, IL

8:20 a.m.  
What Changed? - The Scope of the VHD Focused Update: Mitral Regurg.



Blase A. Carabello  
Greenville, NC

8:30 a.m.  
What Changed? - The Scope of the VHD Focused Update: Prosthetic Valves  
Patrick T. O'Gara  
Boston, MA

8:35 a.m.  
What Changed? - The Scope of the VHD Focused Update: IE  
John P. Erwin, III  
Temple, TX

8:40 a.m.  
What Changed? - The Scope of the VHD Focused Update: Surgical Considerations  
Christopher McLeod  
Rochester, MN

8:45 a.m.  
Facilitated Discussion: What's Unknown? - Outstanding Questions in VHD  
Rick A. Nishimura  
Rochester, MN

8:45 a.m.  
Facilitated Discussion: What's Unknown? - Outstanding Questions in VHD  
Patrick T. O'Gara  
Boston, MA

9:00 a.m.  
What Now? - Addressing the AS and MR Gaps; What's Useful? - Using VHD Tools to Support Clinical Practice  
Vinay Badhwar  
Morgantown, WV

9:10 a.m.  
ESC Valve Guidelines: similarities and differences  
Bernard Prendergast  
Oxford OX3 9DU, United Kingdom

9:20 a.m.  
ARS-based Wrap Up Segment  
Patrick O'Gara  
Boston, MA

### Valvular Heart Disease - Self-Assessment

**Session #808**  
**Test Yourself with Questions: Guidelines Module 1: Valvular**  
**Saturday, March 18, 2017, 8 a.m. - 10:30 a.m.**  
East Salon C  
CME Hours: 2.5 /CNE Hours:

Chair: Sunil V. Mankad  
Rochester, MN

8:00 a.m.  
Faculty  
Salvatore Costa  
Lebanon, NH

8:00 a.m.  
Faculty  
Gillian Nesbitt  
Toronto, Canada

8:00 a.m.  
Faculty  
Sangeeta B. Shah  
New Orleans, LA

### Vascular Medicine - Oral Contributions

**Session #905**  
**Highlighted Original Research: Vascular Medicine and the Year in Review**  
**Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.**  
Room 209 C  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Victor Aboyans  
Co-Chair: Naomi Hamburg

8:00 a.m.  
Year in Review Speaker  
Heather L. Gornik

8:12 a.m.  
CD90 Marks a Population of Adventitial Mesenchymal Stem Cells in the Human Aorta That Exhibit Diminished Angiogenic Potential in Patients With Ascending Aortic Aneurysms  
Katherine Michelis, Aya Kitabayashi, Laura Lecce, Maria Paola Santini, Valentina D'Escamard, Oscar Franzén, Johan L. M. Björkegren, Valentin Fuster, Ramachandra Reddy, Joanna Chikwe, Paul Stelzer, Farzan Filsoufi, Allan Stewart, Ani Anyanwu, Jason Kovacic, Mount Sinai Heart, New York, NY, USA

8:22 a.m.  
Discussion

8:25 a.m.  
JNK2 Inhibition Improves Obesity Induced Endothelial Dysfunction and Oxidative Stress After Roux-en-Y Gastric Bypass  
Elena Osto, Petia Doytcheva, Thomas Bächler, Thomas Lutz, Thomas F. Luscher, Center for Molecular Cardiology, Zurich, Switzerland, ETH Zürich, Zurich, Switzerland

8:35 a.m.  
Discussion

8:38 a.m.  
RNAi-Based Therapeutic Targeting Factor 12 as a Prophylactic Treatment for Thromboembolism  
Stacey Melquist, Lauren Almeida, Holly Hamilton, Tao Pei, Qili Chu, Julia Hegge, Tracie Milarch, Jessica Montez, Jason Klein, Aaron Andersen, Megan Walters, Christine Chapman, Edie Doss, Zhen Li, David Lewis, Steven Kanner, Arrowhead Pharmaceuticals, Madison, WI, USA

8:48 a.m.  
Discussion

8:51 a.m.  
A Critical Evaluation of Exercise Testing in Diagnosing Peripheral Artery Disease  
Aaron W. Aday, Scott Kinlay, Marie Gerhard-Herman, Brigham and Women's Hospital, Boston, MA, USA

9:01 a.m.  
Discussion

9:04 a.m.  
Burden of Repeat Admissions Among Patients With Critical Limb Ischemia  
Shikhar Agarwal, Badal Thakkar, Karan Sud, Geisinger Medical Center, Danville, PA, USA

9:14 a.m.  
Discussion

9:17 a.m.  
Non-Adherence to the Joint ACC/AHA 2013 Lipid Performance Guidelines in Peripheral Arterial Disease: Insights From the PORTRAIT Registry





Yevgeniy Khariton, Jingyan Wang, Krishna Patel, Paul Chan, John Spertus, Kim Smolderen, Saint Luke's Mid-America Heart Institute, Kansas City, MO, USA

9:27 a.m.  
Discussion

### Heart Failure and Cardiomyopathies - Hands-on Skills Learning

#### Session #1510

##### Personalized Skills Center: Hands-On Simulation - Acute Heart Failure

Saturday, March 18, 2017, 8:30 a.m. - 9:30 a.m.

Personalized Skills Center, East Salon AB

CME Hours: /CNE Hours:

8:30 a.m.  
Acute Heart Failure  
Jacqueline E. Tamis-Holland  
New York, NY

### Special - Hands-on Skills Learning

#### Session #1501

##### Personalized Skills Center: Drill and Practice (Heart Songs, ECG, Hand-Held Echo)

Saturday, March 18, 2017, 8:30 a.m. - 5 p.m.

Personalized Skills Center, East Salon AB

CME Hours: 2 /CNE Hours: 2

8:30 a.m.  
Heart Songs Moderator  
Michael J. Barrett  
Blue Bell, PA

10:00 a.m.  
Heart Songs Moderator  
Garima Sharma  
Philadelphia, PA

12:00 p.m.  
Heart Songs Moderator  
Nainesh C. Patel  
Allentown, PA

12:00 p.m.  
Heart Songs Moderator  
Sarah Luther  
Center Valley, PA

2:00 p.m.  
Heart Songs Moderator  
Larry E. Jacobs  
Allentown, PA

3:00 p.m.  
Heart Songs Moderator  
Bruce Silverberg  
Allentown, PA

3:00 p.m.  
Heart Songs Moderator  
Julia Jurkiewicz  
Allentown, PA

3:00 p.m.  
Heart Songs Moderator  
Gabriel Natalini  
Allentown, PA

### Special - Events and Meetings

#### Session #5010

##### Career Fair

Saturday, March 18, 2017, 9 a.m. - 11 a.m.

Halls DE

CME Hours: /CNE Hours:

9:00 a.m.  
Career Fair

### Acute and Stable Ischemic Heart Disease - Poster Contributions

#### Session #1202

##### From Diet to Drugs: Mechanistic Insight Into Ischemic Heart Disease

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

297 - Mutations in SCAP and AGXT2 Revealed by Exome Sequencing a Pedigree With Premature Myocardial Infarction

Chong You Lee, Yuanfeng Gao, Junxian Song, Sufang Li, Yuxia Cui, Hong Chen, Department of Cardiology, Peking University People's Hospital, Beijing, People's Republic of China

298 - Cardioplegic Arrest Is Associated With Overexpression of Opioid Receptors Delta and Kappa in Diabetic and Non-Diabetic Patients Undergoing On-Pump Cardiac Surgery

Tiziano M. Scarabelli, Mahmoud Ismail, Alessio Rungtischer, Mebratu Alebachew Gebrie, Giovanni Battista Luciani, Riccardo Raddino, Louis Saravolatz, Carol Chen-Scarabelli, Giuseppe Faggian, St. John Hospital/WSUSM, Detroit, MI, USA, University of Verona, Verona, Italy

299 - Homocysteine Accelerated the Disorder of Lipid Metabolism via Regulating Pcsk9 and Lxr $\alpha$ -abca1/abcg1 Pathway  
Ping Jin, Shaobin Jia, Ningxia Medical University, Yinchuan, People's Republic of China, General Hospital of Ningxia Medical University, Yinchuan, People's Republic of China

300 - Dietary Consumption of Olive Oil and Cardiovascular Outcome in Patients With Coronary Artery Disease  
Evangelos Oikonomou, Gerasimos Siasos, Sotirios Tsalamandris, Eleni Kokkou, Nikolaos Papageorgiou, Konstantinos Zisimos, Alexios Antonopoulos, Theodoros Zografos, Georgia Vogiatzi, Konstantinos Kalogeras, Manolis Vavuranakis, Dimitris Tousoulis, First Department of Cardiology, 'Hippokration' Hospital, University of Athens, Medical School, Athens, Greece

301 - Fimasartan Protect Cardiac Myocyte Damage in Ischemic Heart Diseases  
Lim Byung Kwan, Sung-Ji Park, Eun-Ji Kim, Eun-Seok Jeon, Dong-Ju Choi, Seoul National University Bundang Hospital, Seongnam, South Korea, Jungwon University, Goesan-Gun, South Korea

302 - Assessment of Thrombogenicity and Antithrombotic Drug Response at the Bedside in Patients Presenting With Ischemic Stroke, TIA or Intracranial Hemorrhage  
Paul A. Gurbel, Kevin Bliden, Trish Brannan, Carlos Lopez-Espina, Christopher McLeod, Eli Cohen, Gabriel Raviv, Adina Muresan, Udaya Tantry, John Cochran, Inova Heart and Vascular Institute, Falls Church, VA, USA, Coramed Technologies, Niles, IL, USA

### Acute and Stable Ischemic Heart Disease - Poster Contributions

#### Session #1203

##### Advances in Lipid Management

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

304 - Ezetimibe Real-World Effectiveness at Reaching Low-Density Lipoprotein Goal Among Patients With Atherosclerotic Cardiovascular Disease: A Retrospective Database Study in the United States





Ye Tian, Keiko Higuchi, Christopher Cannon, Hongwei Wang, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Bridgewater, NJ, USA

305 - Alirocumab Reduces Major Cardiovascular Events in Individuals With Atherosclerotic Cardiovascular Disease: A Post-Hoc Analysis of ODYSSEY LONG TERM

Jennifer Robinson, Michel Farnier, William J. Sasiela, Tu Nguyen, Jonas Mandel, John Kastelein, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Paris, France

306 - Early Detection of the Unexpected, Harmful, Pharmacologic Effects of Torcetrapib: A Retrospective Proteomics Analysis of Plasma Samples From the ILLUMINATE Trial

Stephen Williams, Robert K. DeLisle, Craig L. Hyde, Anders Malarstig, Rachel Ostroff, Sophie Weiss, Peter Ganz, Somalogic Inc, Boulder, CO, USA, University of California San Francisco, San Francisco, CA, USA

307 - Use of High-Intensity Statin Therapy Post-Acute Coronary Syndrome in the Ongoing ODYSSEY OUTCOMES Trial of Alirocumab, a Proprotein Convertase Subtilisin/Kexin Type 9 Monoclonal Antibody, Versus Placebo: Interim Baseline Data

Shaun G. Goodman, Gregory Schwartz, Deepak L. Bhatt, Vera Bittner, Rafael Diaz, Corinne Hanotin, Robert Harrington, Johan Jukema, Angele Moryusef, Robert Pordy, Matthew Roe, William J. Sasiela, Michael Szarek, Jean-Francois Tamby, Harvey White, Andreas Zeiher, Philippe Steg, for the ODYSSEY OUTCOMES Investigators, Canadian VIGOUR Centre, University of Alberta, Edmonton, Canada, University of Colorado School of Medicine, Denver, CO, USA

308 - Treatment Effects of Alirocumab as an Add-On to Maximally Tolerated Dose of Statin in Patients With Heterozygous Familial Hypercholesterolemia and/or Atherosclerotic Cardiovascular Disease

Robert J. Weiss, Seth Baum, Dirk Blom, Jean Bergeron, Gisle Langslet, Santosh Sanganalmath, Julia Yang, Jonas Mandel, Prediman Shah, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Paris, France

309 - Alirocumab in High-Risk Patients With Baseline LDL-C  $\geq 160$  mg/dL: Findings From the Compassionate Use Program

Charles J. Glueck, Alan Brown, Anne Goldberg, James McKenney, Louis Kantaros, John Stewart, Joseph Elassal, Andrew Koren, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Bridgewater, NJ, USA

310 - Impact of Statin Therapy on Collagen Turnover and Left Ventricle Function After ST-Elevation Myocardial Infarction: A Randomized Clinical Trial

Thiago Quinaglia Silva, Simone Santos, José Carlos Silva, Osório Almeida, Joalbo Andrade, Eliana de Faria, Wilson Nadruz Junior, Orlando Petrucci, Sposito Andrei Carvalho, University of Campinas, Campinas, Brazil

311 - Lower Mortality in Patients With Vasospastic Angina Who Receive Statin Therapy: Data From the Asan Vasospastic Angina Registry

Cheol Hyun Lee, Kyusup Lee, Jung Ae Hong, Do-Yoon Kang, Se Hun Kang, Pil Hyung Lee, Jung-Min Ahn, Duk-Woo Park, Seung-Whan Lee, Young-Hak Kim, Cheol Whan Lee, Seong-Wook Park, Seung-Jung Park, Asan Medical Center, Seoul, South Korea

312 - Cardiologist Perspectives in Treatment of Dyslipidemia Patients With Proprotein Convertase Subtilisin/Kexin Type 9 Inhibitors and Other Lipid Lowering Therapies

Pallavi Rane, Jeetvan Patel, David Harrison, Hollie Bailey, Andrea Leith, James Piercy, Jason Shepherd, Amgen Inc., Thousand Oaks, CA, USA, Adelphi Health Economics and Outcomes Research, Cheshire, United Kingdom

313 - Persistence and Adherence With Proprotein Convertase Subtilisin/Kexin Type 9 Inhibitors in Clinical Practice

Dionne Hines, Pallavi Rane, Jeetvan Patel, David Harrison, Rolin Wade, Amgen, Thousand Oaks, CA, USA, QuintilesIMS, Plymouth Meeting, PA, USA

314 - Implications of the IMPROVE-IT Trial for Contemporary Cardiovascular Practice: An NCDR® Research to Practice (R2P) Project

Thomas M. Maddox, Fengming Tang, John Downs, Frederick Masoudi, Salim Virani, Stacie Daugherty, John Rumsfeld, VA Eastern Colorado Health Care System, Denver, CO, USA, University of Colorado School of Medicine, Denver, CO, USA

315 - Hydrophilic Versus Lipophilic Statins in Coronary Artery Disease Undergoing Percutaneous Coronary Intervention: A Meta-Analysis of Randomized Controlled Trials

Ibadete Bytyci, Gani Bajraktari, Deepak L. Bhatt, Charity J. Morgan, Ali Ahmed, Wilbert S. Aronow, Maciej Banach, on behalf of the Lipid and Blood Pressure Meta-Analysis Collaboration (LBPMC) Group, Clinic of Cardiology, Prishtina, Albania, Medical University of Lodz, Lodz, Poland

303 - HDL3: A Marker of Coronary Artery Disease Severity and Inflammation in Patients on Statin Therapy

Paul A. Gurbel, Rahul Chaudhary, Kevin P. Bliden, Peter Toth, Udaya Tantry, Inova Heart and Vascular Institute, Falls Church, VA, USA, University of Illinois College of Medicine, Peoria, IL, USA

### Acute and Stable Ischemic Heart Disease - Poster Contributions Session #1204

#### Cardiac Arrest, Diabetes, and Other High Risk Features of Patients With Acute Coronary Syndrome

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

316 - Early Coronary Angiography in Patients With Out-of-Hospital Cardiac Arrest Without ST-Elevation Myocardial Infarction: A Meta-Analysis of 1,460 Patients

Paul A. Gurbel, Rahul Chaudhary, Kevin Bliden, Harleen Dehal, Udaya Tantry, Inova Heart and Vascular Institute, Falls Church, VA, USA

317 - Hospital Variation in Targeted Temperature Management for Acute Myocardial Infarction Patients Complicated by Out-of-Hospital Cardiac Arrest in the U.S.

Christopher Fordyce, Anita Chen, Tracy Wang, Joseph Lucas, Abhinav Goyal, Graham Wong, Sean Van Diepen, Michael Kontos, Timothy Henry, Christopher Granger, Matthew Roe, Division of Cardiology, University of British Columbia, Vancouver, Canada, Duke Clinical Research Institute, Durham, NC, USA

318 - Contemporary Utilization of Immediate Coronary Angiography in the Management of Out-of-Hospital Cardiac Arrest

Chad J. Zack, Pranav Chandrashekar, Gregory Barsness, Jacob Jentzer, Mayo Clinic, Rochester, MN, USA

319 - A Meta-Analysis of the Effect of Targeted Temperature Management on Mortality and Neurological Outcome

Vesna Mihajlovic, Dylan Stanger, Graham Wong, University of British Columbia, Vancouver, Canada

320 - Therapeutic Hypothermia in Post-Cardiac Arrest Syndrome: Role of Neuron-Specific Enolase as Early Predictor of Neurological Status at Discharge

Rodolfo San Antonio Dharandas, Gustavo Jimenez, Eduardo Flores, Gala Caixal, Guillem Caldentey, Marco Hernandez Enriquez, Paula Sanchez Somonte, Xavier Freixa, Monica Masotti, Manel Sabate, Cardiology Department-Cardiovascular Clinic Institute, Hospital Clinic, Universitat de Barcelona, Barcelona, Spain

321 - Acute Myocardial Infarction in Patients on Chronic Immunosuppression Therapy

Vasken Keleslian, Christopher Livia, Atta Behfar, Mayo Clinic, Rochester, MN, USA



### 322 - Reperfusion Delays in Women With STEMI

Roberta Montisci, Enrico Mulargia, Michela Congia, Cristina Cacace, Maria Francesca Marchetti, Mattia Biddau, Clinical Cardiology, University of Cagliari, Cagliari, Italy

### 323 - Impact of Atrial Fibrillation on Outcomes in Patients Hospitalized With ST-Segment Elevation Myocardial Infarction

Lohit Garg, Sahil Agrawal, Manyoo Agarwal, Aakash Garg, Amitoj Singh, Nirmanmoh Bhatia, Mahek Shah, Brijesh Patel, Sudip Nanda, David Cox, Lehigh Valley Health Network, Allentown, PA, USA

### 324 - Real World Relationships Between Baseline Q Waves, Time From Symptom Onset and Clinical Outcomes in ST-Segment Elevation Myocardial Infarction Patients: Insight From the Vital Heart Response Registry

Yinggan Zheng, Kevin Bainey, Ben Tyrrell, Neil Brass, Paul Armstrong, Robert Welsh, Canadian VIGOUR Centre, University of Alberta, Edmonton, Canada

### 325 - Risk Prediction for In-Hospital Mortality in Women With ST-Elevation Myocardial Infarction: A Machine Learning Approach

Hend Mansoor, Jiang Bian, University of Florida, Gainesville, FL, USA

### 326 - Impact of Admission Plasma Glucose Level on Myocardial Perfusion in ST-Segment Elevation Myocardial Infarction (STEMI) Patients

Martino Pepe, Domenico Zanna, Filippo Masi, Nicola Signore, Alessandro Santo Bortone, Annagrazia Cecere, Antonio Tito, Donato Quagliara, Stefano Favale, Cardiovascular Diseases Section, Department of Emergency & Organ Transplantation, University of Bari, Bari, Italy, Institute of Cardiac Surgery, University of Bari, Bari, Italy

### 327 - Acute Coronary Syndrome: The Risk to Be Young and Women

Beatrice Ricci, Edina Cenko, Zorana Vasiljevic, Marija Zdravkovic, Goran Stankovic, Davor Milicic, Aleksandar Lazarevic, Sasko Kedev, Olivia Manfrini, Akos Koller, Lina Badimon, Raffaele Bugiardini, University of Bologna, Bologna, Italy

### 328 - Association Between QRS Duration on Prehospital Electrocardiogram and Early Outcome in Patients With ST Segment Elevation Myocardial Infarction

Rikke Hansen, Martin Frydland, Matias G. Lindholm, Ole Moller-Helgestad, Jesper Kjaergaard, Lisette Jensen, Lene Holmvang, Hanne B. Ravn, Christian Hassager, Jacob Møller, Odense University Hospital, Odense, Denmark, Heart Center, Rigshospitalet, Copenhagen, Denmark

### 329 - Current Smoking, Microvascular Pathology and Adverse Outcome After Acute ST-Segment Elevation Myocardial Infarction: New Pathophysiological Insights

Colin Berry, David Carrick, Jaclyn Carberry, Margaret McEntegart, Mark Petrie, Hany Eteiba, Martin Lindsay, Stuart Hood, Stuart Watkins, Andrew Davie, Ahmed Mahrous, Ify Mord, Nadeem Ahmed, Vannesa T. Y. May, Ian Ford, Naveed Sattar, Paul Welsh, Aleksandra Radjenovic, Keith Oldroyd, Caroline Haig, University of Glasgow, Glasgow, United Kingdom

### 330 - Absence of Clinical Triggering in Diabetic Patients With ST-Segment Elevation Myocardial Infarction Predicts Multiple Vessel Coronary Disease and Is Associated With Increased Mortality

Jeremy Ben-Shoshan, David Zahler, Yafit Segman-Rosenstveig, Nir Flint, Yaron Arbel, Ehud Chorin, Michael Barkagan, Zach Rozenbaum, Yoav Granot, Ariel Finkelstein, Shmuel Banai, Gad Keren, Yacov Shacham, Maayan Konigstein, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

### 331 - Lower On-Treatment Low-Density Lipoprotein Cholesterol Is Associated With Lower Cardiovascular Risk in Women: Analyses From the ODYSSEY Trials of Alirocumab Versus Control

Antonio Vallejo-Vaz, Henry Ginsberg, Michael Davidson, Robert H. Eckel, Christopher Cannon, Veronica Lee, Laurence Bessac, Robert Pordy, Alexia Letierce, Kausik Ray, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Paris, France

### 332 - Prognostic Impact of Alkaline Phosphatase Measured at the Time of Presentation in Patients Undergoing Primary Percutaneous Coronary Intervention for ST-Segment Elevation Myocardial Infarction

Pyung Chun Oh, Woong Chol Kang, Minsu Kim, Jeonggeun Moon, Kyounghoon Lee, Eak Kyun Shin, Jon Suh, Hyun Woo Park, Ho-Jun Jang, Tae-Hoon Kim, Sang-Don Park, Sung Woo Kwon, Gachon University Gil Medical Center, Incheon, South Korea

### 333 - Impact of Gender Difference in Clinical Presentation on Long-Term Outcomes in Chinese Patients Undergoing Percutaneous Coronary Intervention

Xiao-Fang Tang, Ying Song, Jing-Jing Xu, Yuan-Liang Ma, Yi Yao, He Chen, Jia-Hui Zhang, Huan-Huan Wang, Ping Jiang, Lin Jiang, Liu Ru, Zhan Gao, Xue-Yan Zhao, Run-Lin Gao, Jin-Qing Yuan, Fuwai Hospital, Beijing, People's Republic of China

### 334 - Gender Differences in Short- and Long-Term Mortality in the Vienna STEMI Registry

Edita Piacková, Bernhard Jäger, Serdar Farhan, Günter Christ, Wolfgang Schreiber, Franz Weidinger, Thomas Stefenelli, Georg Delle-Karth, Alfred Kaff, Gerald Maurer, Kurt Huber, Third Medical Department of Cardiology and Intensive Care Medicine, Wilhelminenhospital, Vienna, Austria

### 335 - Derivation and Validation of a Simple Inflammation Based Risk Score for Predicting In-Hospital Mortality in Acute Coronary Syndrome

Hector Gonzalez-Pacheco, Rafael Bojalil, Luis Amezcua-Guerra, Julio Sandoval, Guering Eid-Lidt, Alexandra Arias-Mendoza, Francisco Azar Manzur, Amada Alvarez, Alfredo Altamirano, Jose Luis Briseño De La Cruz, Carlos Martinez-Sanchez, Instituto Nacional de Cardiología Ignacio Chavez, Mexico City, Mexico

### 336 - Early Invasive Strategy and In-Hospital Survival of Diabetics With Non-ST-Elevation Myocardial Infarction: A Contemporary National Insight

Ahmed M. Mahmoud, Islam Elgendy, Hend Mansoor, Mohammad Mojadidi, R. David Anderson, University of Florida, Gainesville, FL, USA

### 337 - Incidence of Recurrent Myocardial Infarction Among Older Adults in U.S. Community Practice

Ajar Kochar, Anita Chen, Puza Sharma, Neha Pagidipati, Gregg Fonarow, Eric Peterson, Tracy Wang, Duke Clinical Research Institute, Durham, NC, USA

### 338 - Association Between Homeostasis Model Assessment of Insulin Resistance and Survival in Diabetic Patients With Acute Coronary Syndromes: Insights From the AleCardio Trial

Barbara E. Staehli, Anna Nozza, Ilse C. Schrieks, Klas Malmberg, Bruce Neal, Stephen Nicholls, Linda Mellbin, Anders Svensson, Hans Wedel, Arlette Weichert, A. Michael Lincoff, Diederick Grobbee, Jean-Claude Tardif, Gregory Schwartz, VA Medical Center and University of Colorado School of Medicine, Denver, CO, USA, Montreal Heart Institute and Université de Montréal, Montreal, Canada

### 339 - Sex Differences in Revascularization and In-Hospital Outcomes of Non-ST-Segment Elevation Myocardial Infarction in the United States

Tanush Gupta, Dhaval Kolte, Sahil Khera, Pedro Villablanca, Kashish Goel, Wilbert Aronow, Jose Wiley, Anna Bortnick, Robert Pyo, Julio Panza, Charanjit Rihal, Mark Menegus, Ernest Monrad, Gregg Fonarow, Mario Garcia, Deepak Bhatt, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA, Brigham and Women's Hospital, Boston, MA, USA

### 340 - Early Versus Late Cardiovascular Events in Patients With Type 2 Diabetes Mellitus and Acute Coronary Syndrome: Insights From the Examine Trial

Abhinav Sharma, Christopher Cannon, Yuyin Liu, William White, Faiez Zannad, Harvard Clinical Research Institute, Boston, MA, USA, Inserm and Université de Lorraine, Centre d'Investigation Clinique, Nancy, France



341 - Low Socioeconomic Status Is Associated With Increased Inpatient Mortality With Non ST-Elevation Myocardial Infarction: A Nationwide Analysis

Farid Gholitabar, Alejandro Lemor, Shawn Lee, Carlos Gongora, Abel Casso Dominguez, Eyal Herzog, Mount Sinai St. Luke's and Mount Sinai West Hospital, New York, NY, USA

342 - Patients With Non ST-Segment Elevation Myocardial Infarction Utilizing Medicare/Medicaid Have Lower Adjusted Odds of In-Hospital Mortality: A Nationwide Analysis

Farid Gholitabar, Carlos Gongora, Shawn Lee, Alejandro Lemor, Abel Casso Dominguez, Eyal Herzog, Mount Sinai St. Luke's and Mount Sinai West Hospital, New York, NY, USA

343 - Impact of Gender on Mortality and Percutaneous Coronary Intervention in Non ST-Segment Elevation Myocardial Infarction: A Nationwide Analysis

Farid Gholitabar, Ankit Chothani, Angela Palazzo, Mount Sinai St. Luke's and Mount Sinai West Hospital, New York, NY, USA

344 - Risk of Readmissions After Myocardial Infarction in Women Versus Men

Martin Holzmann, Danijela Gasevic, Eric Rullman, Toralf Ruge, Axel Carlsson, Magnus Lundbäck, Karolinska Institutet, Stockholm, Sweden

345 - Impact of Diabetes Mellitus on Antithrombotic Management Patterns and Long-Term Clinical Outcomes in Patients With Acute Coronary Syndrome: Insight From the EPICOR Asia Study

Yi Li, Shaoyi Guan, Mingzi Guan, Xiaozeng Wang, Jing Li, Heyang Wang, Yong Huo, Frans Van de Werf, Jie Jiang, Ana Maria Vega, Nobuya Hayashi, Yaling Han, Shenyang Northern Hospital, Shenyang, People's Republic of China

346 - Influence of Cardiac Arrest and Cardiogenic Shock on Outcomes Among 4,500 Consecutive ST Elevation Myocardial Infarction Patients

Claire Donovan, Benjamin Johnson, Ross Garberich, John Hibbs, David Larson, Timothy Henry, Scott Sharkey, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

347 - Pro-Inflammatory Interleukin-1 Genotypes Affect the Association of C-Reactive Protein for Angiographically Determined Coronary Artery Disease and Cardiovascular Events

Aris Bechlioulis, Katerina K. Naka, Lynn Doucette-Stamm, Leon Wilkins, Aikaterini Marini, Sophia Giannitsi, John Rogus, Kenneth Kornman, Joseph L. Witztum, Sotirios Tsimikas, Lampros K. Michalis, Second Department of Cardiology, University of Ioannina, Ioannina, Greece, Department of Medicine, University of California, San Diego, La Jolla, CA, USA

348 - Outcomes of Concomitant Acute Kidney Injury and Hospital Acquired Anemia in Patients With Myocardial Infarction: The TRIUMPH Study

Bhaskar Bhardwaj, Yashashwi Pokharel, Kevin Kennedy, Adam Salisbury, Faraz Kureshi, John Spertus, University of Missouri Kansas City, Kansas City, MO, USA, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA

349 - Mechanisms of Acute Myocardial Infarction in Young Women and Discharge Medication Patterns

Christopher Scirra, Rachel P. Dreyer, Basmah Safdar, Gail D'Onofrio, Harlan Krumholz, Erica Spatz, Yale University School of Medicine, New Haven, CT, USA

350 - Optimal Risk Stratification Pathways for Patients With Suspected Acute Coronary Syndrome

Andrew R. Chapman, Atul Anand, Dennis Sandeman, Amy Ferry, Anoop Shah, Philip Adamson, Fiona Strachan, Alasdair Gray, David Newby, Nicholas Mills, University of Edinburgh, Edinburgh, United Kingdom

### Arrhythmias and Clinical EP - Poster Contributions Session #1188

#### Arrhythmias and Clinical EP: Devices 3

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

071 - Differences Among African Americans and White Patients Undergoing Implantable Cardioverter Defibrillator Implantation for Primary Prevention  
Vishal Yogin Parikh, Kerolos Fahmi, Mrugesh Thakkar, Kevin Kip, Thanh Tran, Dany Sayad, Michael Fradley, Bengt Herweg, Sanders Chae, University of South Florida, Tampa, FL, USA

072 - Outcomes Following Implant of Semi-Permanent Pacemaker Versus Temporary Pacemaker

Daniel Modaff, Miguel Leal, Douglas Kopp, Thomas Teelin, Lee Eckhardt, Jennifer Wright, Kurt Hoffmayer, Michael Field, Ryan Kipp, University of Wisconsin Hospital and Clinics, Madison, WI, USA

073 - Cryoballoon Versus Radiofrequency Ablation of Atrial Fibrillation: In-Lab Complication Rates at a Large Volume Electrophysiology Center

Jeffrey Turner, Dilesh Patel, Anish Amin, Jose Torres, German Kamalov, Sunil Kumar, Steven Kalbfleisch, Raul Weiss, Emile Daoud, Ralph Augostini, Jaret Tyler, Zhenguo Liu, Abigail Shoben, Mahmoud Houmsse, John Hummel, The Ohio State University, Columbus, OH, USA, The University of Utah, Salt Lake City, UT, USA

074 - Safety of Transvenous Lead Removal Among Nonagenarians

Xiaofan Guo, Robert Hayward, Eric Vittinghoff, Sun Yong Lee, Mark Pletcher, Byron Lee, University of California, San Francisco, San Francisco, CA, USA, The First Hospital of China Medical University, Shenyang, People's Republic of China

075 - Safety of Cardiac Magnetic Resonance Imaging With Non-Conditional Cardiac Implantable Electronic Devices

Vaughn Eyvazian, Duc H. Do, Aileen Joy Bayoneta, J. Finn, Noel Boyle, Ronald Reagan UCLA Medical Center, Los Angeles, CA, USA

076 - Predicting Electrocardiographic and Echocardiographic Response to Cardiac Resynchronization Therapy: The Use of Strict Left Bundle Branch Block Criteria

Ahmed Alturki, Alexios Hadjis, Riccardo Proietti, Vidal Essebag, McGill University Health Center, Montreal, Canada

077 - Variability in Left Ventricular Ejection Fraction by Radionuclide Multigated Acquisition Scan Versus Echocardiography: Implications for Primary Prevention Implantable Cardioverter Defibrillators

Edlira Yzeiraj, Amr F. Barakat, Paul Cremer, Wael Jaber, Cleveland Clinic Foundation, Cleveland, OH, USA

078 - Transcatheter Closure of Residual Left Atrial Appendage Leaks Following Lariat Device Closure

Sunil P. Singh, Lucas Zier, Nitish Badhwar, Randall Lee, Vaikom Mahadevan, University of California, San Francisco, San Francisco, CA, USA

079 - Near Zero Fluoroscopy Implantation of a Dual Chamber Pacemaker in Pregnancy Using Electroanatomical Mapping

Jason J. Payne, Aisha Siraj, Fuad Habash, Waddah Maskoun, University of Arkansas for Medical Sciences, Little Rock, AR, USA

080 - Epicardial Lead Migration to the Spine With Development of Vertebral Abscess

Olga Revnabhk, Nader Ishak Gabra, Allen Weiss, Shawn Lee, Steven Hobson, Mariam Khandaker, Robert Kornberg, Emad Aziz, Mount Sinai St. Luke's and Mount Sinai West, New York, NY, USA

081 - Importance of Right Ventricular Lead Positioning in Determining Outcomes of Cardiac Resynchronization Therapy



Jack Xu, Joseph Wong, Thomas Watts, Sirisha Reddy, Asif Sewani, Hakan Paydak, University of Arkansas for Medical Sciences, Little Rock, AR, USA

082 - Prospective Cryoballoon Dosing Study Based on Time-to-Isolation  
Albert Chiu, Erica Flores, Andrew Tseng, Andrew Williams, Wilber Su, Banner University Medical Group Heart Center, Phoenix, AZ, USA

### Arrhythmias and Clinical EP - Poster Contributions Session #1189

**Arrhythmias and Clinical EP: Anticoagulation Issues**  
Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

083 - Evaluation of Apixaban in Patients on Dialysis  
Nhu Quyen Dau, Maryam Bayat, Miguel Salazar, CHI St. Luke's Health-Baylor St. Luke's Medical Center, Houston, TX, USA

084 - Real-World Versus Randomized Trial Outcomes in Similar Populations of Rivaroxaban-Treated Patients With Nonvalvular Atrial Fibrillation in ROCKET AF and XANTUS  
A. John Camm, Pierre Amarenco, Sylvia Haas, Susanne Hess, Paulus Kirchhof, Silvia Kuhls, Marc Lambelet, Martin van Eickels, Alexander Turpie, Bayer AG, Leverkusen, Germany, Janssen Research & Development, LLC, USA

085 - Real-World Comparison of Major Bleeding and Associated Costs Among Oral Anticoagulant-Naïve Non-Valvular Atrial Fibrillation Patients Initiating Apixaban, Dabigatran, Rivaroxaban, or Warfarin in the US Medicare Population  
Alpesh Amin, Allison Keshishian, Jeffrey Trocio, Hannah Le, Oluwaseyi Dina, Zhang Qisu, Onur Baser, Lien Vo, Pfizer Inc., New York, NY, USA, Bristol-Myers Squibb Company, Plainsboro, NJ, USA

086 - Noac Adherence of the Patients With Nonvalvular Atrial Fibrillation in Real Practice  
Han-Jun Bae, Seongwook Han, Sanghun Lee, Yun-Kyeong Cho, Yoon-Nyun Kim, Hyung-Seob Park, Hyungseop Kim, Keimyung University, Dongsan Medical Center, Daegu, South Korea, Semyung Hospital, Pohang, South Korea

088 - Local Tranexamic Acid for Prevention of Bleeding Complications During Cardiac Device Implantation of Patients on Chronic Direct Oral Anticoagulants  
Mehmet Birhan Yilmaz, Osman Beton, Cumhuriyet University, Sivas, Turkey

089 - Use of Interacting Drugs Did Not Modify Treatment Effects of Apixaban Versus Warfarin for Atrial Fibrillation: Results From the ARISTOTLE Trial  
Jeffrey B. Washam, Stefan Hohnloser, Daniel Wojdyla, Dragos Vinereanu, John Alexander, Renato Lopes, Bernard Gersh, Michael Hanna, John Horowitz, Elaine M. Hylek, Steen Husted, Denis Xavier, Freek W. A. Verheugt, Lars Wallentin, Christopher Granger, Duke Clinical Research Institute, Duke University School of Medicine, Durham, NC, USA

090 - Bleeding Risk Among Japanese Non-Valvular Atrial Fibrillation Patients Initiated on Apixaban, Dabigatran, Rivaroxaban or Warfarin in the Real World  
Feng Wang, Tatsunori Murata, Naoko Izumi, Makoto Kida, Ruslan Horblyuk, Yasuo Terayama, Bristol-Myers Squibb Company, Princeton, NJ, USA, Pfizer, New York, NY, USA

091 - Marked Physician Variability in Oral Anticoagulant Treatment Choices Reflect Significant Differences in Atrial Fibrillation Patient Characteristics  
Narendra Singh, Tiffany Foltz, Sandeep Chandra, David Song, Linda Yan, David Suh, Atlanta Heart Specialists, Atlanta, GA, USA, MCG at Augusta University, Augusta, GA, USA

092 - Does Stroke Risk Influence the Decision to Anticoagulate Post Percutaneous Coronary Intervention Patients With Atrial Fibrillation: A Review of 3850 Patients

Kenneth Kita, Akash Rusia, Shawn Shah, Youning Zhang, Dipayon Roy, Jonathan Nattiv, Natasha Doshi, Han Tun, Leonardo Clavijo, Rahul N. Doshi, LAC+USC Medical Center, Los Angeles, CA, USA, Keck Medical Center of USC, Los Angeles, CA, USA

093 - Thrombolytic Therapy in Anticoagulated Patients: Case Series From Rivaroxaban Versus Warfarin in Nonvalvular Atrial Fibrillation (ROCKET AF)  
Sean Chen, Anne Hellkamp, Richard Becker, Scott Berkowitz, Guenter Breithardt, Keith Fox, Werner Hacke, Jonathan Halperin, Graeme Hankey, Kenneth Mahaffey, Christopher Nessel, Jonathan Piccini, Daniel Singer, Manesh Patel, Duke Clinical Research Institute, Duke University School of Medicine, Durham, NC, USA

094 - Meta-Analysis on the Efficacy and Safety of New Oral Anticoagulants Compared With Vitamin K Antagonists in Patients Undergoing Cardioversion for Atrial Fibrillation  
Mohit Turagam, Poonam Velagapudi, Venkat Vuddanda, Madhav Lavu, Mohammad-Ali Jazayeri, Valay Parikh, Tushar Tarun, Donita Atkins, Kul Aggarwal, Sudharani Bommana, Luigi Di Biase, Andrea Natale, Madhu Reddy, Dhanunjaya Lakkireddy, The University of Kansas Hospital, Kansas City, KS, USA

### Arrhythmias and Clinical EP - Poster Contributions Session #1190

**Atrial Fibrillation and VT: Specific Situations and Newer Outcome Measures**  
Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

096 - Does Frailty Alter the Benefits of Oral Anticoagulation in Patients With Atrial Fibrillation?  
Malini Madhavan, DaJuanicia Simon, Jonathan Piccini, Jack Ansell, Gregg Fonarow, Alan S. Go, Elaine Hylek, Peter Kowey, Kenneth Mahaffey, Laine Thomas, Eric Peterson, Bernard Gersh, Duke Clinical Research Institute, Durham, NC, USA, Mayo Clinic, Rochester, MN, USA

097 - 5-Year Outcomes of a Staged Hybrid Surgical and Catheter-Based Ablation Approach for Treatment of Long-Standing Persistent Atrial Fibrillation  
Arash Aryana, Stephen Stark, Deep Pujara, Genevieve Painter, Thomas M. Tardos, Subramaniam Krishnan, James Longoria, Sutter Heart & Vascular Institute, Sacramento, CA, USA

098 - Increased Rate of Previous Stroke in Asymptomatic/Minimally Symptomatic Versus Symptomatic Patients With Newly Detected Atrial Fibrillation Worldwide: Results From the GLORIA-AF Registry  
Steffen Christow, Karlheinz Seidl, Hans-Christoph Diener, Menno Huisman, Gregory Lip, Ursula Rauch-Kroenert, Stefan Schuster, Johannes Brachmann, Andreas Muegge, Peter Schwimmbeck, Christine Teutsch, Jochen Senges, Stiftung Institut fuer Herzinfarktforschung, Ludwigshafen, Germany

099 - Secular Trends in Reported Success Rates of Catheter Ablation for Non-Paroxysmal Atrial Fibrillation: Findings From the SMASH-AF Meta-Analysis Study Cohort  
George Leef, Andrew Cluckey, Fahd Yunus, Mariam Askari, Ewoud Schuit, Paul Heidenreich, Mintu Turakhia, Alexander Perino, Stanford University, Stanford Cardiovascular Institute, Palo Alto, CA, USA, Veteran Affairs Palo Alto Health Care System, Palo Alto, CA, USA

100 - Concomitant Use of Antiplatelet and Oral Anticoagulation Among Patients With Atrial Fibrillation: Insights From the Prospective SPRINT-AF Registry  
Milan Gupta, Yan Yan Wu, Mahesh Kajil, Michelle Tsigoulis, Jafna Cox, Paul Dorian, Carl Fournier, David Gladstone, Evan Lockwood, G. B. John Mancini, Ashfaq Shuaib, Narendra Singh, Andrew Ha, CCRN, Brampton, Canada





101 - Cardiac Magnetic Resonance Imaging After Radiofrequency Ablation of Ventricular Arrhythmias in Human Patients: Defining the Substrate and Visualizing the Outcome

Borislav Dinov, Sabrina Oebel, Sebastian Hilbert, Susanne Loebe, Arash Arya, Andreas Bollmann, Gerhard Hindricks, Cosima Jahnke, Ingo Paetsch, University of Leipzig Heart Center, Leipzig, Germany

102 - Edoxaban Therapy Increases Treatment Satisfaction and Reduces Utilization of Health Care Resources: An Analysis From the Edoxaban versus warfarin in subjects Undergoing cardioversion of Atrial Fibrillation (ENSURE-AF) Study

Andreas Goette, Wingham Kwong, Michael Ezekowitz, Maciej Banach, Soren Hjortshøj, Dmitry Zamoryakhin, Gregory Lip, St. Vincenz-Hospital, Paderborn, Nordrhein-Westfalen, Germany

103 - Baseline Characteristics, Management and Outcomes in Mitral Valve Prolapse With Manifest Ventricular Automaticity

Joseph Bumgarner, Joshua Clevenger, Brian Griffin, Mohamed Kanj, Venu Menon, Vidyasagar Kalahasti, Cleveland Clinic Foundation, Cleveland, OH, USA

104 - Anticoagulation Protocol After Radiofrequency Ablation of Infarct-Related Ventricular Tachycardia: Institutional Experience and Outcomes

Konstantinos Siontis, Rakesh Latchamsetty, Miki Yokokawa, Krit Jongnarangsin, Fred Morady, Frank Bogun, University of Michigan Health System, Ann Arbor, MI, USA

105 - History of Atrial Fibrillation in a First-Degree Relative and Risk of Cardiovascular Events

Daniele Pastori, Pasquale Pignatelli, Tommasa Vicario, Danilo Menichelli, Francesco Perticone, Angela Sciacqua, Francesco Violi, Atherosclerosis in Atrial Fibrillation (ATHERO-AF) Study Group, Sapienza University, Rome, Italy, University Magna Graecia of Catanzaro, Catanzaro, Italy

106 - Effectiveness and Safety of Apixaban and Rivaroxaban Versus Warfarin for the Secondary Prevention of Stroke or Systemic Embolism Among Nonvalvular Atrial Fibrillation Patients

Craig I. Coleman, Thomas J. Bunz, University of Connecticut, Storrs, CT, USA

107 - Perioperative Administration of Amiodarone or Beta Blockers in Cardiac Surgery: Which Is More Effective in Reducing Postoperative Atrial Fibrillation?

Irene Kirolos, Ouassim Derbal, Rahul Gadde, Danny Yakoub, Carlos Alfonso, Sandra Chaparro, Tomas Salerno, Mauricio Cohen, University of Miami, Miami, FL, USA

108 - Vitamin K Antagonist or Dabigatran in Patients With Atrial Fibrillation: The Importance of Time in Therapeutic Range

Naja Emborg Vinding, Anders Nissen Bonde, Rasmus Rørth, Morten Lamberts, Jonas Bjerring Olesen, Gunnar Gislason, Christian Torp-Pedersen, Lars Køber, Emil Loldrup Fosbøl, Rigshospitalet, Copenhagen, Denmark

109 - Incidence, Predictors, and Outcome of Postoperative Atrial Fibrillation in Patients Receiving Continuous Flow Left Ventricular Assist Devices

Amrith Deshmukh, Ankit Bhatia, Emeka Anyanwu, Nir Uriel, Roderick Tung, Valluvan Jeevanandam, Cevher Ozcan, University of Chicago Medical Center, Chicago, IL, USA

110 - Outcomes of the Hybrid Video-Assisted Thoracoscopic Surgery (VATS) Maze Followed by Catheter Ablation in Patients With Persistent and Longstanding Persistent Atrial Fibrillation: Clinical Results From a High-Volume Center

Daniel Kaiser, Carrie Pierce, Shelby Burk, L. Bing Liem, Peter Chang Sing, Gansevoort Dunnington, St. Helena Hospital, St. Helena, CA, USA

### Arrhythmias and Clinical EP - Poster Contributions Session #1191

#### Arrhythmias and Clinical EP: Basic 3

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

111 - Impact of Obstructive Sleep Apnea Severity on Cardiac Events in Patients With Normal or Prolonged Ventricular Repolarization

Lauren Richards, Beneet Pandey, Tadele Mengesha, Samian Sulaiman, Zoe Heis, Michael N. Katzoff, Indrajit Choudhuri, Imran Niazi, A. Jamil Tajik, Arshad Jahangir, Aurora St. Luke's, Milwaukee, WI, USA

112 - Atrial Fibrillation Cycle Length Measured by Transesophageal Echocardiography: A Predictor for Maintaining Sinus Rhythm After DC Cardioversion

Dae Sung Lee, Yong Hyun Park, Yeon Seong Kim, Tae Hyun Kim, Soo Yong Lee, Min Ku Chon, Sang Hyun Lee, Ki Won Hwang, Jeong Su Kim, June Hong Kim, Kook Jin Chun, Division of Cardiology, Department of Internal Medicine, Pusan National University Yangsan Hospital, Yangsan, South Korea

113 -  $\alpha_{1A}$ -Adrenergic Receptor Overexpression Protects Against the Development of Arrhythmias Following Coronary Artery Occlusion

John Guers, Seonghun Yoon, Jie Zhang, Xin Zhao, Dorothy E. Vatner, Robert Graham, Stephen F. Vatner, Rutgers University - New Jersey Medical School, Newark, NJ, USA, University of New South Wales, Sydney, Australia

114 - Seasonal Trends in Sudden Cardiac Death: A Study From the Largest Inpatient Database

Kanishk Agnihotri, Abhishek Deshmukh, Raul Mitrani, Hakan Paydak, Juan Viles-Gonzalez, Saint Peter's University Hospital, New Brunswick, NJ, USA

115 - Entropy of Fibrillatory Waves Contributes to Differentiating Paroxysmal From Persistent and Permanent Atrial Fibrillation

Sungsoo Kim, Sohee Kwon, Ira Blau, Hye Jin Hwang, Junbeom Park, Moon-Hyoung Lee, Lindsey Krawchuk, Nicholas Meyers, Byung-II Choi, Medical College of Wisconsin, Milwaukee, WI, USA, Yonsei University, Seoul, South Korea

116 - Genomic and Proteomic Study of the Inflammatory Pathway in Patients With Atrial Fibrillation and Cardiometabolic Syndrome

Patrick Zakka, Mohammad Karnib, Maria Matar, Sami Bdeir, Moustafa Al Hariri, Mirna Ghemrawi, Jad Ballout, Rami Mahfouz, Ayad Jaffa, Bernard Abi Saleh, Maurice Khoury, Samir Alam, Marwan Refaat, American University of Beirut Medical Center, Beirut, Lebanon

### Congenital Heart Disease - Poster Contributions Session #1182

#### Congenital Heart Disease: Innovations in Single Ventricle Heart Disease

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

009 - Hypoplastic Left Heart Syndrome With Intact or Restrictive Atrial Septum: What Happens After Survival?

Brian Snarr, Michael Liu, Benjamin Zielonka, Jack Rychik, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

010 - Right Ventricular Remodelling in Hypoplastic Left Heart Syndrome: Impact of the Norwood and Hybrid Procedures

Kandice Mah, Jesus Serrano Lomelin, Luke Eckersley, Lily Lin, Timothy Colen, Edythe Tham, Harald Becher, Luc Mertens, Nee Sze Khoo, Stollery Children's Hospital, Edmonton, Canada, Sickkids, Toronto, Canada

011 - Is a Pulsatile Glenn an Adequate Alternative for Long-Term Palliation in Patients With Single Ventricle Physiology?



Carlos M. Mery, Martin A. Chacon-Portillo, Huirong Zhu, Heather Dickerson, Iki Adachi, Jeffrey Heinle, Lauren Kane, Emmett McKenzie, Charles Fraser, Texas Children's Hospital, Baylor College of Medicine, Houston, TX, USA

012 - Long Term Outcomes After the Fontan Procedure in Patients With Single Ventricle: A Meta-Analysis

Ilana Schwartz, Courtney McCracken, Christopher Petit, Ritu Sachdeva, Emory University School of Medicine, Atlanta, GA, USA

013 - Detection of Heart Failure With Preserved Ejection Fraction in Single Ventricle Physiology: Insights From the Pediatric Heart Network Fontan Cross-Sectional Study Public Use Dataset

Shahryar Chowdhury, Eric Graham, Carolyn Taylor, Geoffrey Forbus, Andrew Savage, Andrew Atz, Medical University of South Carolina, Charleston, SC, USA

014 - Association of Increased Total Atrial Volume With Clinical Heart Failure Status in Hypoplastic Left Heart Syndrome

Angela Kelle, Govinda Paudel, Muhammad Qureshi, Megan O'Byrne, Patrick O'Leary, Mayo Clinic, Rochester, MN, USA

015 - Does Tricuspid Annular Plane Systolic Excursion (TAPSE) Adequately Describe Right Ventricular Function in Hypoplastic Left Heart Syndrome?

Ololade Akintoye, Curtis Travers, William Border, Christopher J. Petit, Erik Michelfelder, Ritu Sachdeva, Emory University School of Medicine, Atlanta, GA, USA, Children's Health Care of Atlanta, Atlanta, GA, USA

016 - Impact of Home Monitoring Program on Interstage Mortality and Stage II Outcomes

Monique Gardner, Laura Mercer-Rosa, Katherine Bates, Alyson Stagg, Shobha Natarajan, Anita Szawst, Jessica (Jie) Tang, Stephanie Fuller, Christopher Mascio, Desiree Fleck, Deborah L. Torowicz, Therese Giglia, Jonathan Rome, Chitra Ravishanker, Children's Hospital of Philadelphia, Philadelphia, PA, USA

017 - Standardization of Peri-Operative Management After Norwood Operation Has Not Improved 1 Year Outcomes

Shilpa Shah, Steven Schwartz, Andrew Goodwin, Osami Honjo, Glen Van Arsdell, Mike Seed, Jennifer Russell, Alejandro Floh, Hospital for Sick Children, Toronto, Canada

018 - Interstage Resource Utilization of Infants With Single Ventricle: Results of a Crossover Study

Lori Erickson, Kimberly Reid, Amy Ricketts, Bryan Beaven, Suma Goudar, Amy Lay, Richard Stroup, James O'Brien, Girish Shirali, Children's Mercy Kansas City, Kansas City, MO, USA

019 - From Fetus to Fontan: A Single Center Experience of Resource Utilization for Patients Diagnosed With Single Ventricle Cardiac Defects

Benjamin Zielonka, Michael Liu, Brian Snarr, Xuemei Zhang, Jack Rychik, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

020 - Do Pediatric Cardiologists Follow the Sports Restriction Recommendations for Children With a Bicuspid Aortic Valve?

Melissa Yamauchi, Michael Puchalski, Nelangi Pinto, Susan P. Etheridge, Hsin-Yi Weng, Angela Presson, L. LuAnn Minich, Richard Williams, University of Utah, Salt Lake City, UT, USA, Primary Children's Hospital, Salt Lake City, UT, USA

### **Congenital Heart Disease - Poster Contributions** **Session #1183**

#### **Fontan in the Modern World**

**Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.**

**Poster Hall, Hall C**

**CME Hours: 0.75 /CNE Hours: 0.75**

021 - Prevalence of Elevated Body Mass Index and Its Association With Clinical Features in Adult Fontan Patients

Anushree Agarwal, Aarthi Sabanayagam, Ahmed Kheiw, Colin Cunningham, Lucas Zier, Charles McCulloch, Ian Harris, Elyse Foster, Dougal Atkinson, Angela Bryan, Petra Jenkins, Jaspal Dua, Michael Parker, Devinda Karunaratne, John A. Moore, Jeffery Meadows, Bernard Clarke, J. Andreas Hoschtitzky, Vaikom Mahadevan, University of California San Francisco, San Francisco, CA, USA, Manchester Royal Infirmary, Central Manchester University Hospitals NHS Trust, Central Manchester, United Kingdom

022 - Macitentan Use as Serial Therapy in Failing Fontan Physiology

Tabitha Grace Moe, Phoenix Children's Hospital, Phoenix, AZ, USA

023 - Towards a Better Predictive Model of Adverse Events in Adult Fontan Patients

M. Abigail Simmons, Wendy Book, Kayoko Shioda, Makoto Mori, Robert W. Elder, JR, Yale University School of Medicine, New Haven, CT, USA, Emory University School of Medicine, Atlanta, GA, USA

024 - Cardiopulmonary Exercise Test in Adults With Prior Fontan Operation: The Prognostic Value of Serial Testing

Alexander C. Egbe, Heidi Connolly, Mayo Clinic, Rochester, MN, USA

### **Heart Failure and Cardiomyopathies - Poster Contributions** **Session #1199**

#### **Heart Failure and Cardiomyopathies: Heart Failure Gadgets Galore** **Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.**

**Poster Hall, Hall C**

**CME Hours: 0.75 /CNE Hours: 0.75**

243 - High Procedural and Device Related Success With the CardioMEMS HF System for Heart Failure: Observations From the CardioMEMS™ Post Approval Study

David Mark Shavelle, William Abraham, Robert Bourge, Rita Jermyn, Maria Rosa Costanzo, Lynne Stevenson, University of Southern California, Los Angeles, CA, USA

244 - Wireless Monitoring for Heart Failure Patients: A Meta-Analysis

Kofi Marfo Osei, M. D. Joseph, Mark Ebelle, Piedmont Athens Regional Medical Center, Athens, GA, USA, Yale - Bridgeport Hospital, Bridgeport, CT, USA

245 - Frailty as a Predictor of Negative Outcomes After Cardiac Resynchronization Therapy

Agnieszka Mlynarska, Rafal Mlynarski, Krzysztof Golba, Medical University of Silesia, Katowice, Poland, Upper Silesian Heart Centre, Katowice, Poland

246 - Super-Response to Cardiac Resynchronization Therapy in Heart Failure Patients With Left Bundle Branch Block and Homogeneous Left Ventricular Contraction Pattern

Zhiyong Qian, Ningchao Tao, Yao Wang, Xiaofeng Hou, Jiangang Zou, Department of Cardiology, The First Affiliated Hospital of Nanjing Medical University, Nanjing, People's Republic of China

247 - Use of Wearable Cardioverter Defibrillator Associated With Clinical Guideline Compliance in Management of Heart Failure With Reduced Ejection Fraction

Emily Keltner, Amelia Roebuck, Andrew Yde, Michael Mirro, Parkview Health, Fort Wayne, IN, USA

248 - Elevated Pulmonary Vascular Resistance Predicts Poor Response to Cardiac Resynchronization Therapy

Jiangjin Li, Haifeng Zhang, Hao Zhang, Yao Wang, Peibing Ge, Ningchao Tao, Xiaofeng Hou, Jiangang Zou, Department of Cardiology, The First Affiliated Hospital of Nanjing Medical University, Nanjing, People's Republic of China

249 - Assessment of Left Ventricular Contraction Patterns Using Gated SPECT MPI to Improve Cardiac Resynchronization Therapy Response

Ningchao Tao, Haipeng Tang, Yuanhao Qiu, Weihua Zhou, Zhiyong Qian, Yao Wang, Xiaofeng Hou, Jiangang Zou, Department of Cardiology, The First



Affiliated Hospital of Nanjing Medical University, Nanjing, People's Republic of China, School of Computing, University of Southern Mississippi, Long Beach, MS, USA

250 - Myocardial Contractile Reserve Verified With Dual Chamber Right Ventricular Pacing Predicts Response to Cardiac Resynchronization Therapy  
Stian Ross, Hans Henrik Odland, Thor Edvardsen, Richard Cornelussen, Lars Ove Gammelsrud, Erik Kongsgaard, Oslo University Hospital, Oslo, Norway

251 - Baseline Serum High Density Lipoprotein Cholesterol Level Predicts Long-Term Clinical Outcomes in Patients With Heart Failure Receiving Cardiac Resynchronization Therapy

Shangyu Liu, Jiarui Mi, Shengwen Yang, Wei Hua, Zhimin Liu, Shu Zhang, Fuwai Hospital and National Center for Cardiovascular Diseases, CAMS & PUMC, Beijing, People's Republic of China

252 - Quality of Life Measured With Euroqol-5D Questionnaire Predicts Long Term Mortality and Echocardiographic Response in CRT Patients

Klaudia Vivien Nagy, Gábor Széplaki, András M. Boros, Péter Perge, Astrid Apor, Annamária Kosztin, Levente Molnár, László Gellér, Bela Merkely, Semmelweis University Heart and Vascular Center, Budapest, Hungary

253 - Guideline-Directed Medical Therapy Before CRT: Is It Always Necessary?

Gregory Sinner, You W. Lin, Samy elayi, Maya Guglin, University of Kentucky, Lexington, KY, USA

254 - A Meta-Analysis of Randomized Controlled Trials on Vagus Nerve Stimulation for the Heart Failure Management

Gilson Fernandes, Amanda Fernandes, Rhanderson Cardoso, Manuel Rivera, Guilherme Nasi, Gustavo Soares Fernandes, University of Miami/Jackson Memorial Hospital, Miami, FL, USA

255 - Percutaneous Renal Sympathetic Denervation Improves the Cardiac Function And Reduces Icd (Electrical) Discharges in Severe Heart Failure Patients With Narrow Qrs Complexes and Icd Implantation

Wei Yang, Jin Hui-Gen, Department of Cardiology, Putuo Hospital, Shanghai University of Traditional Chinese Medicine, Shanghai, People's Republic of China, Department of Cardiology, Shanghai Putuo District Central Hospital, Shanghai, People's Republic of China

256 - Bioimpedance Algorithms in Implantable Electronic Cardiac Devices: Relevant Diagnostics or Waste of Time?

Christophe Smeets, Frederik Verbrugge, Julie Vranken, Jo Van der Auwera, Wilfried Mullens, Matthias Dupont, Lars Grieten, Hélène De Cannière, Dorien Lanssens, Thijs Vandenberk, Valerie Storms, Inge Thijs, Pieter Vandervoort, Hospital East-Limburg, Genk, Belgium, Mobile Health Unit, Hasselt, Belgium

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1200

**Novel Imaging and Therapies in Heart Failure**  
Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

257 - Gestational Hypertension and Preeclampsia Are Associated With Subclinical Left Ventricular Systolic and Diastolic Dysfunction

Livia Florentina Trasca, Natalia Patrascu, Diana Mihalcea, Laura Lungeanu, Sorina Mihaila, Ramona Bruja, Manuela Neagu, Monica Cirstoiu, Simona Albu, Dragos Vinereanu, University and Emergency Hospital, Bucharest, Romania

258 - Rethinking the Role of Coronary Angiography in the Evaluation of Heart Failure With Reduced Ejection Fraction in Young Patients

John Hollowed, Pooya Banankhah, Carmen Flores, Mario Roman, Grecia Marquez, Gracia Viana, Juan Sequeira Gross, Juani Nieto, Ronney Shantouf, Olive View-UCLA Medical Center Department of Cardiology, Sylmar, CA, USA

259 - Effect of Paroxetine Treatment on Left Ventricular Remodeling in an In Vivo Rat Model of Myocardial Infarction

Thomas Ravn Lassen, Jan Nielsen, Steen Kristiansen, Hans Botker, Department of Cardiology, Aarhus University Hospital, Aarhus N, Denmark, Department of Clinical Medicine, Aarhus University Hospital, Aarhus N, Denmark

260 - Global Longitudinal Strain in Patients With New Left Ventricular Systolic Dysfunction After Anticancer Targeted Therapies

Robert Hamburger, Yan Gong, Jan Moreb, Carl Pepine, Alexandra Lucas, Anita Szady, University of Florida College of Medicine, Gainesville, FL, USA

261 - Novel Infarct Sparing Drug Protects the Heart Against Ischemia-Reperfusion (I/R) Injury

Nicolas Noisieux, Samer Mansour, Henry Aceros, Louis-Mathieu Stevens, Shant DerSarkissian, CHUM, Montreal, Canada

262 - Unmasking Diastolic Failure

Josh Ford Grant, Sunayana Udaya Kumar, Joshua Harris, Frank Smart, Louisiana State University, New Orleans, LA, USA

263 - Evaluation of Left Ventricular Systolic Function After Renal Sympathetic Denervation by Layer-Specific Two-Dimensional Speckle Tracking Imaging

Yan Jia, Wei Hu, Zhi-Yu Zhao, Hong-Ning Song, Jin-Ling Chen, Rui-Qiang Guo, Renmin Hospital of Wuhan University, Wuhan, People's Republic of China

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1201

**Advances in HCM, PPCM and Other Cardiomyopathies**  
Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

264 - NEOD001 Demonstrates Cardiac Biomarker Responses in Patients With Light Chain Amyloidosis: Results From the Phase 1/2 Study

Michaela Liedtke, Raymond Comenzo, Heather Landau, Vaishali Sanchawala, Brendan Weiss, Jeffrey Zonder, Jackie Walling, Gene Kinney, Martin Koller, Dale B. Schenk, Spencer Guthrie, Enchi Liu, Morie Gertz, Stanford University School of Medicine, Stanford, CA, USA, Prothena Biosciences Inc., South San Francisco, CA, USA

265 - Misdiagnosis of Cardiac Amyloidosis Type by Standard Immunohistochemistry

Avinander Singh, Hallie Geller, Carolyn Glass, Tara Mirto, Robert Padera, Richard Mitchell, Rodney Falk, Brigham & Women's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

266 - Differential Effects of Amyloidosis on Right Ventricular Longitudinal and Circumferential Fiber Function

Upasana Jarori, Noel Dasgupta, Zach Richardson, Deborah Green-Hess, Harvey Feigenbaum, Stephen Sawada, Indiana University Health, Indiana University School of Medicine, Indianapolis, IN, USA

267 - Utility of Routine Serum Free Light Chain Assay for Amyloidosis in Patients With Heart Failure

Ian Chang, Angela Dispenzieri, Grace Lin, Barry Karon, Allan Jaffe, Kyle Klarich, Martha Grogan, Mayo Clinic, Rochester, MN, USA

268 - Atrial Thrombus in Patients With Cardiac Amyloidosis: Prevalence and Implications for Therapy

Sneha Vakamudi, Brett Sperry, Mazen Hanna, Walid Saliba, Oussama Wazni, Wael Jaber, Cleveland Clinic Foundation, Cleveland, OH, USA

269 - VE/VCO2 Is a Powerful Predictor of Mortality in Wild-Type Transthyretin Amyloidosis

Adil Yunis, Gheorghe Doros, Ivan Luptak, Lawreen Connors, Flora Sam, Boston Medical Center, Boston, MA, USA





271 - Risk Profiles and Clinical Outcomes in Patients With Non-Obstructive, Labile and Obstructive Hypertrophic Cardiomyopathy  
Dai-Yin Lu, Theodore Abraham, Johns Hopkins University, Baltimore, MD, USA

270 - Yield and Long-Term Outcome of Family Screening in Hypertrophic Cardiomyopathy  
Hannah Van Velzen, Arend F. L. Schinkel, Rogier A. Oldenburg, Marjon A. van Slegtenhorst, Michelle Michels, Erasmus Medical Center, Rotterdam, The Netherlands

273 - Integrating Myocardial Strain and Exercise Performance Into Prognostication of Hypertrophic Cardiomyopathy  
Kegan Moneghetti, Davide Stolfo, Jeffrey Christle, Yukari Kobayashi, Gherardo Finocchiaro, Gianfranco Sinagra, Jonathan Myers, Euan Ashley, Francois Haddad, Matthew Wheeler, Stanford Cardiovascular Institute, Palo Alto, CA, USA

274 - Childbirth Related Complications in Women With Hypertrophic Cardiomyopathy  
Amitoj Singh, Sahil Agrawal, Kanika Samra, Sajeev Saluja, Uzma Tariq, Lohit Garg, Rasha Aurshiya, Mark Fegley, Yugandhar Manda, Sudip Nanda, Jamshid Shirani, St. Luke's University Health Network, Bethlehem, PA, USA

275 - Younger Age, Positive Family History and Reverse Curve Morphology Predict Informative Results From Gene Panel Analysis for Hypertrophic Cardiomyopathy (HCM)  
Akriti Naraen, Victoria McKay, Wern Yew Ding, Debar Rasoul, Matthew Shaw, Archana Rao, David Wright, Timothy Fairbairn, John Somauroo, Rod Stables, Simon Modi, Saagar Mahida, Derick Todd, Robert Cooper, Liverpool Heart and Chest Hospital, Liverpool, United Kingdom, Liverpool Womens Hospital, Liverpool, United Kingdom

276 - Comparison of Clinical Characteristics and Long-Term Outcomes in Patients With Hypertrophic Cardiomyopathy With Different Obstruction Locations  
Xiying Guo, Chaomei Fan, Yinjian Yang, Shuoyan An, Shanshan Zhai, Fujian Duan, Fei Hang, Yishi Li, Key Laboratory of Clinical Trial Research in Cardiovascular Drugs, Ministry of Health, Fuwai Hospital, Beijing, People's Republic of China

277 - Diagnostic Value of Metabolite Profiling in Hypertrophic Cardiomyopathy  
Yuichi J. Shimada, Laurie Farrell, Robert Gerszten, Michael Fifer, Massachusetts General Hospital, Boston, MA, USA

278 - Marked Respiratory Related Variation in LVOT Gradients in Hypertrophic Cardiomyopathy in Obese HCM Patients With Sleep-Disordered Breathing  
Renuka Jain, Martin Osraneck, M. Fuad Jan, Lindsey Kalvin, Susan Olet, Suhail Allaqaband, Bijoy Khandheria, A. Jamil Tajik, Aurora Health Care, Milwaukee, WI, USA

279 - Non-Familial Hypertrophic Cardiomyopathy: Prevalence, Natural History and Clinical Implications  
Jodie Ingles, Charlotte Burns, Richard Bagnall, Lien Lam, Laura Yeates, Tanya Sarina, Raj Puranik, Tom Briffa, John Atherton, Tim Driscoll, Christopher Semsarian, Molecular Cardiology, Centenary Institute, Sydney, Australia, Sydney Medical School, University of Sydney, Sydney, Australia

280 - Unique Characteristics of the Mitral Valve in Patients With Hypertrophic Cardiomyopathy Have Emerged Using Real-Time Three Dimensional Transesophageal Echocardiography  
Erifili Venieri, Constantina Aggeli, Aris Anastasakis, Elisavet Sfendouraki, Christodoulos Stefanadis, Dimitris Tousoulis, First Department of Cardiology, Hippokratio Hospital, University of Athens, Athens, Greece

281 - Extended Course of Recovery in Patients With Peripartum Cardiomyopathy Assessed by Left Ventricular Wall Distensibility  
Masataka Sugahara, Dennis McNamara, Lori Blauwet, Rami Alharethi, Paul Mather, Kalgi Modi, Richard Sheppard, Vinay Thohan, Gretchen Wells, John Gorcsan, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

282 - Breastfeeding Is Not Associated With Worse Outcomes in Peripartum Cardiomyopathy  
Melinda Davis, Kris Kawamoto, Elizabeth Langen, Elizabeth Jackson, University of Michigan, Ann Arbor, MI, USA

283 - Multi-Fetal Gestation, Breastfeeding, Delivery Method and Myocardial Recovery in Peripartum Cardiomyopathy: Results From the Multicenter IPAC Study  
Amy Marino, Agnes Koczo, Arun Jeyabalan, Uri Elkayam, Leslie Cooper, James Fett, Dennis McNamara, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

284 - Population Demographics of Patients Diagnosed With Peripartum Cardiomyopathy: Study Involving 1,450 Patients  
Rakshita Chandrashekar, Srihari Ravi, St. John Hospital and Medical Center, Detroit, MI, USA

285 - Long-Term Outcomes of Childhood Left Ventricular Non-Compaction: Results From a National Population-Based Study  
William Shi, Piers Daubeney, Alan Nugent, Gary Sholler, Robert Justo, Jim Ramsay, Terry Robertson, Margarita Betancur, Andrew Davis, Steven Colan, Ingrid King, Robert Weintraub, Royal Children's Hospital, Melbourne, Australia

286 - Systolic Dysfunction Without LV Dilatation in a Cohort of Patients With Lamin A/C Cardiomyopathy  
Victoria Nicole Parikh, Myriam Amsallem, Francois Haddad, Euan Ashley, Matthew Wheeler, Center for Inherited Cardiovascular Diseases, Dept. of Medicine, Stanford Univ. School of Medicine, Stanford, CA, USA

287 - Extended Remission and Late Re-Decompensation of Dilated Cardiomyopathy Associated With a Novel Ribonucleic Acid Binding Motif Protein 20 (RBM20) Mutation  
Rodrigo Mendirichaga, Celso De La Cruz Luque, Jeffrey Smith, Rhanderson Cardoso, Nanette Bishopric, University of Miami Miller School of Medicine, Miami, FL, USA

288 - Tako Tsubo Cardiomyopathy or Myocarditis?  
Roberta Montisci, Maria Francesca Marchetti, Cristina Cacace, Michela Congia, Francesca Sirigu, Valentina Vallasca, Luigi Meloni, Clinical Cardiology, University of Cagliari, Cagliari, Italy

289 - Takotsubo Cardiomyopathy (TCM) Increases Risk of Lethal Arrhythmias  
Rama Dilip Gajulapalli, Amit Arbune, Deepak Pattanshetty, Cleveland Clinic, Cleveland, OH, USA

290 - High Versus Standard Protein Diets in Obese Patients With Heart Failure: Effects on Chronic Disease Risks  
Lorraine S. Evangelista, Dawn Lombardo, Tamara Horwich, Michele Hamilton, Gregg Fonarow, University of California Irvine, Irvine, CA, USA, University of California Los Angeles, Los Angeles, CA, USA

291 - Impact of Obesity on the Outcomes of Stress Cardiomyopathy: An Analysis of National Inpatient Sample  
Ram Belbase, Saurabh Aggarwal, Ryan Walters, Venkata Alla, Creighton University, Omaha, NE, USA

292 - The Prevalence and Clinical Significance of Compacted Myocardium in Dilated Cardiomyopathy: A Contrast Echocardiography Study  
Marin Nishimura, Darrin Wong, Sachiyo Igata, Daniel Blanchard, Andrew Kahn, Anthony N. DeMaria, University of California, San Diego, San Diego, CA, USA



293 - Increased Prevalence of Left Ventricular Noncompaction in Certain Populations May Confer Increased Risk of Catastrophic Events  
Josh Ford Grant, Joshua Harris, Frederick Helmcke, Frank Smart, Louisiana State University, New Orleans, LA, USA

294 - Hyperthyroidism Increases the Risk of Takotsubo Cardiomyopathy Among Hospitalized U.S. Patients  
Akintunde M. Akinjero, Oluwale Adegba, Tomi Akinyemiju, Icahn School of Medicine at Mount Sinai, New York, NY, USA, University of Alabama at Birmingham, Birmingham, AL, USA

295 - Living in a Food Desert Is Associated With an Early Hazard of Death and Hospitalization in Heart Failure Patients  
Paris McAllister, Heval Mohamed Kelli, Andreas Kalogeropoulos, Vasiliki Georgiopolou, Javed Butler, Alanna Morris, Emory University School of Medicine, Atlanta, GA, USA, Morehouse School of Medicine, Atlanta, GA, USA

296 - Systemic Arterial Pulsatility Index (SAPi) Predicts Adverse Outcomes in Advanced Heart Failure Patients  
Sula Mazimba, Timothy Welch, Peter McCullough, Khadijah Breathett, Jose Tallaj, James Bergin, Jamie Kennedy, Lavone Smith, Mohammad Abuannadi, Kenneth Bilchick, University of Virginia, Charlottesville, VA, USA

### Interventional Cardiology - Poster Contributions Session #1192

#### Vascular Access and Hemostasis Issues

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

117 - Assessment of the Safety of Performing Coronary Angioplasty Without Interrupting Oral Anticoagulants  
Ashraf M. Al Azzoni, Ellen Macrae, Syal Renu, Hussain Alzayer, Chandni Patel, Jon-David Schwalm, Sanjit Jolly, Madhu Natarajan, McMaster University, Hamilton, Canada

118 - Standard Versus Low-Dose Heparin Use on Access-Related Complications After Coronary Angiography Through Radial Access: A Meta-Analysis of Randomized Controlled Trials  
Khagendra Dahal, Sharan Sharma, Jagan Beedupalli, Juyong Lee, Enrique Jimenez, Kalgi Modi, Neeraj Tandon, Louisiana State University Health Science Center, Shreveport, LA, USA, Overton Brooks VA Medical Center, Shreveport, LA, USA

119 - Mid Femoral Head Is Not the Ideal Fluoroscopic Landmark for Common Femoral Artery Puncture  
Prabhakaran Gopalakrishnan, Pradeep Manoharan, Chander Shekhar, Sharan Rufus Ponniah, Muhammad Chaudhry, Pradeep Ghosh, Digant Bhatt, Ira Friedlander, Nagapradeep Nagajothi, Aultman Hospital, Canton, OH, USA

120 - Access Site and Bleeding Outcomes With Ultrasound-Assisted Catheter-Directed Thrombolysis for Acute Pulmonary Embolism: Internal Jugular Versus Common Femoral Vein  
Tyler Bloomer, Breck Sandvall, Pete Fong, Vanderbilt University Medical Center, Nashville, TN, USA

121 - Distal Perfusion Is Maintained in Veteran Subjects Undergoing Transradial Cardiac Catheterization  
Katherine Anne Durham, Marianne Piano, Decebal S. Griza, Kashif Ahmed, Amtul Shafi, Mladen Vidovich, Jesse Brown VA Medical Center, Chicago, IL, USA, University of Illinois at Chicago, Chicago, IL, USA

122 - Radial Versus Femoral Access for Coronary Angiography and Risk of Stroke: Findings From the LATITUDE-TIMI 60 Trial  
Matthew Cavender, Michelle O'Donoghue, Ruchira Glaser, Julia Kuder, Marc Sabatine, David Morrow, University of North Carolina, Chapel Hill, NC, USA, Brigham and Women's Hospital, Boston, MA, USA

123 - Efficacy and Safety of Translunar Compared to Transradial Arterial Access in Patients Undergoing Coronary Angiography: A Systematic Review and Meta-Analysis

Anene Ukaigwe, Giselle Baquero, Pragya Shrestha, Paras Karmacharya, Ian Gilchrist, Hershey Medical Center, Hershey, PA, USA, The Reading Health System, West Reading, PA, USA

124 - TAVR Using Transcarotid Vascular Access: In-Hospital and Intermediate Term Outcomes

Keith B. Allen, Adnan Chhatrwalla, David Cohen, Zuhair Hawa, Sanjeev Aggarwal, Suzanne Baron, Anthony Hart, James Mitchell, Zafir Hawa, John Davis, A. Michael Borkon, St. Luke's Mid America Heart Institute, Kansas City, MO, USA, North Kansas City Hospital, North Kansas City, MO, USA

125 - Endothelial Dysfunction Post Transradial Access Coronary Catheterization: A Clinical Study and Meta-Analysis of Published Literature  
Alexis S. Antonopoulos, George Latsios, Evangelos Oikonomou, Georgia Vogiatzi, Angelos Papanikolaou, Gerasimos Siasos, Eleftherios Tsiamis, Konstantinos Toutouzas, Dimitris Tousoulis, First Cardiology Department, Hippokraton Hospital, Athens Medical School, Athens, Greece

126 - Clinical Efficacy of SoftSeal-STF Hemostatic Pad With Short Hold Time Compared to Traditional Manual Compression After Transfemoral Catheterization

Nolan Machernis, Tadele Mengesha, Robyn Shearer, Louie Kostopoulos, Yoseph Shalev, Tonga Nfor, Jayant Khitha, M. Fuad Jan, Tanvir Bajwa, Suhail Allaqaband, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

127 - Mortality, Length of Stay, and Cost Implications of Procedural Bleeding After Contemporary Percutaneous Interventions Involving Large-Bore Catheters

Biorn Redfors, Brendan M. Watson, Thomas McAndrew, Emilie Palisaitis, Dominic Francese, Mehdi Razavi, Jordan Safirstein, Roxana Mehran, Ajay Kirtane, Philippe Genereux, Cardiovascular Research Foundation, New York, NY, USA

128 - Real-Time Ultrasound Versus Fluoroscopy Guided Access for Transcatheter Aortic Valve Replacement With the Sapien 3 Valve  
Sukhdeep S. Basra, Deborah Tabachnick, John Squiers, Giovanni Filardo, Benjamin Pollock, Molly Szerlip, David Brown, William Brinkman, Katherine Harrington, Paul Grayburn, Michael Mack, J. Michael DiMaio, Srinivasa Potluri, The Heart Hospital Baylor Plano, Plano, TX, USA

129 - Crossover From Radial to Ipsilateral Ulnar Artery: A Safe and Feasible Alternative in Complex Radial Artery Anatomy

Nagaraja Moorthy, Rajiv Ananthakrishna, Dattatreya P. V., Rangaraj Ramalingam, Manjunath C. N., Sri Jayadeva Institute of Cardiovascular Sciences and Research, Bangalore, India

130 - Pilot Trial Comparison of a Kaolin-Based Hemostatic Pad (QuikClot® Radial™) Versus Mechanical Compression (TR Band®) to Reduce Compression Time Following Transradial Access

Jonathan S. Roberts, Jianli Niu, Ann Robblee, Shu-Shanna Dixon, Dawn Nardiello, Ricardo Guedes, Juan Pastor-Cervantes, Memorial Regional Hospital, Hollywood, FL, USA

### Interventional Cardiology - Poster Contributions Session #1193

#### Interventional Cardiology: Stent Failure Analysis by Intravascular Imaging

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

131 - Five Year Outcomes of Fractional Flow Reserve Guided Versus Intravascular Ultrasound Guided Percutaneous Coronary Intervention in Intermediate Coronary Artery Disease



Yunkyeong Cho, Hyoung-Seob Park, Hyuck Jun Yoon, Hyungseop Kim, Chang-Wook Nam, Seongwook Han, Seung-Ho Hur, Yoon-Nyun Kim, Kwon-Bae Kim, Keimyung University Dongsan Hospital, Daegu, South Korea

132 - Multimodality Intravascular Imaging to Evaluate Plaque Characteristics in Patients With Diabetes Mellitus

Takahiro Yoshimura, Yuliya Vengrenyuk, Hiroshi Ueda, Safwan Kezbor, Choudhury Hasan, Srinivas Kesanakurthy, Javed Suleman, Nitin Barman, Joseph Sweeny, Jason Kovacic, Usman Baber, Pedro Moreno, Roxana Mehran, Jagat Narula, Samin Sharma, Annapoorna Kini, Mount Sinai Hospital, New York, NY, USA

133 - Optical Coherence Tomography Guided Percutaneous Coronary Intervention Compared With Other Imaging Guidance: A Meta-Analysis  
Hector M. Garcia, Kayode O. Kuku, Viana Azizi, Gebremedhin Melaku, Anh Bui, Jorge A. Torres-Borrero, Yael Meirovich, Aaphtaab Dheendsa, Solomon Beyene, Salahadin Abubakar, Alexandre H. Kajita, Michael J. Lipinski, Ron Waksman, MedStar Cardiovascular Research Network, Washington, DC, USA

134 - A New Proposed Comprehensive Coronary Artery Lesion Description (CALD) Code System and Coronary Artery Angiographic Segmental (CAAS) Classification - A Mathematical Model: Indian Society of Cardiology (ISC) Working Group Code for Physicians' Ease  
Rajendra Kumar Gokhroo, Department of Cardiology, J. L. N. Medical College, Ajmer, India

135 - Differences in Chronic Angioscopic Findings With Different Stent Types in Patients With and Without Diabetes Mellitus: Sub-Analysis of a Report From Japanese Multicenter Registry  
Tetsuya Sato, Kazuoki Dai, Yasuharu Nakama, Kouki Watanabe, Hideo Kawakami, Hiroshi Matsuoka, Masaharu Ishihara, Japanese Red Cross Okayama Hospital, Okayama, Japan, Hyogo College of Medicine, Nishinomiyu, Japan

136 - Comparison of Optical Coherence Tomography Versus Intravascular Ultrasound Detection of Tissue Protrusion and Acute Stent-Vessel Wall Malapposition in 498 Patients After Drug-Eluting Stent Implantation  
Yongqing Lin, Mitsuaki Matsumura, Gary Mintz, Xiao Wang, Cheolmin Lee, Tsunekazu Kakuta, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA, Tsuchiura Kyodo Hospital, Tsuchiura, Japan

137 - Does Post Pci Ffr Carry the Same Prognostic Weight as Non-Ischemic Ffr in Deferred Lesions?  
Mohammed Eid Madmani, Amjad Abualsoud, Mohan Mallik Edupuganti, Shiv Kumar Agarwal, Srikanth Kasula, Naga Venkata Pothineni, Ahmed Almomani, Jason Payne, Barry Uretsky, Abdul Hakeem, Central Arkansas VA Health System, Little Rock, AR, USA

138 - Intravascular Ultrasound Assessment of the Effects of Rotational Atherectomy in Calcified Coronary Artery Lesions  
Myong Hwa Yamamoto, Sung Sik Kim, Akiko Maehara, Kohei Koyama, Colin Berry, Keith Oldroyd, Gary Mintz, Margaret McEntegart, Cardiovascular Research Foundation, New York, NY, USA

139 - Variation in Intracoronary Lipid-Rich Plaque Detected by Near-Infrared Spectroscopy in Asymptomatic Individuals With High Coronary Artery Calcium Scores  
Jacob Bundy, Austin Clarey, Edwin Mandieka, Andrew LaCombe, David Benavides, Thomas Crane, Manivannan Veerasamy, Stacie Vanoosterhout, Abbey Mulder, Matthew Elmore, Ryan Madder, Spectrum Health, Grand Rapids, MI, USA, Frederik Meijer Heart & Vascular Institute, Grand Rapids, MI, USA

### Interventional Cardiology - Poster Contributions

#### Session #1194

#### Novel Developments in Acute Coronary Syndromes

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

140 - Incidence and Predictors of No Reflow Phenomenon: Insights From the TOTAL Trial

Ashraf M. Al Azzoni, Pablo Lamelas, Tamara Marsden, Vladimir Dzavik, John Cairns, Brandi Meeks, Shamir Mehta, Madhu Natarajan, Tej Sheth, Jon-David Schwalm, Sunil Rao, Goran Stankovic, Sasko Kedev, Sanjit Jolly, McMaster University, Hamilton, Canada

141 - Prehospital Administration of Heparin Reduces the Risk of Vessel Occlusion in Patients With ST Elevation Myocardial Infarction: Secondary Analysis of the TASTE Trial

Sofia Karlsson, Moman A. Mohammad, Pontus Andell, Bo Lagerqvist, Stefan James, Goran Olivecrona, Ole Frobert, David Erlinge, Lund University Hospital, Lund, Sweden

142 - One-Year Outcome of Acute Stent Thrombosis: Insights From the Total Trial

Shazia Hussain, Ashish Shah, Annam Muthuppalaniappan, Nazar Mohammed, Sanjit Jolly, Christopher Overgaard, Vladimir Dzavik, Peter Munk Cardiac Centre, University Health Network, Toronto General Hospital, Toronto, Canada, Hamilton General Hospital, Population Health Research Institute, McMaster University, Hamilton, Canada

143 - Impact of Timing of Intra-Aortic Balloon Counterpulsation on Mortality in Cardiogenic Shock: A Sub-Analysis of the IABP-SHOCK II-Trial

Georg Fuernau, Jakob Ledwoch, Ingo Eitel, Suzanne de Waha, Steffen Desch, Karl Werdan, Gerhard Schuler, Uwe Zeymer, Holger Thiele, University Heart Center Luebeck, Luebeck, Germany

144 - Mild Hypothermia in Cardiogenic Shock Complicating Myocardial Infarction: The Randomized SHOCK-COOL Pilot Trial

Georg Fuernau, Johannes Beck, Steffen Desch, Ingo Eitel, Christian Jung, Sandra Erbs, Norman Mangner, Karl Fengler, Marcus Sandri, Gerhard Schuler, Holger Thiele, University Heart Center Luebeck, Luebeck, Germany

145 - Mild Therapeutic Hypothermia and Stent Thrombosis: Ticagrelor Better Than Clopidogrel in Patients With Percutaneous Coronary Intervention After Cardiac Arrest

Eduardo Flores, Gustavo Jiménez-Brítez, Rodolfo San Antonio, Marco Hernandez, Gala Caixal, John García, Victoria Martín-Yuste, Monica Masotti, Manel Sabaté, Xavier Freixa, Hospital Clinic, Barcelona, Spain

146 - Predictors of Short- and Long-Term Mortality in Acute Coronary Syndrome Presenting as Out-of-Hospital Cardiac Arrest

Kinga Kozma, Csaba Kun, Zoltan Csanadi, University of Debrecen Department of Cardiology, Debrecen, Hungary

147 - Outcome of Elderly Patients Undergoing Extracorporeal Life Support in Refractory Cardiogenic Shock

Suzanne de Waha, Steffen Desch, Tobias Graf, Georg Fuernau, Ingo Eitel, Janine Poess, Thomas Stiermaier, Alexander Jobs, Jakob Ledwoch, Philipp Lurz, Gerhard Schuler, Holger Thiele, University Heart Center Luebeck, Luebeck, Germany

148 - Right-Sided Ventriculo-Arterial Coupling Indices Are Associated With Clinical Outcomes Among Patients Receiving Biventricular Impella (BiPella) Support for Cardiogenic Shock

Sudeep Kuchibhotla, Michele Esposito, Michael Kiernan, Mark Grise, Dennis Morris, Duc Thinh Pham, Navin Kapur, Tufts Medical Center, Boston, MA, USA



149 - First Medical Contact to Device Time in STEMI Patients Presenting With Cardiogenic Shock: Insights From Mission, a Lifeline STEMI Systems Accelerator

Ajar Kochar, Hussein Al-Khalidi, Steen Hansen, Jay Shavadia, Mayme Roettig, Christopher Fordyce, James Jollis, Christopher Granger, Duke Clinical Research Institute, Durham, NC, USA

150 - Extracorporeal Circulatory Life Support Is Superior to Intra-Aortic Balloon Pump in Acute Coronary Syndrome and Cardiogenic Shock

Mariusz Zadura, Frank Szigat, Barnaba Hejazin, Ronald Bittner, Peter Szigat, Claudia Bischoff, Wolfgang Motz, Department of Cardiology, Klinikum Karlsburg - Heart and Diabetes Center of Mecklenburg -Vorpommern, Karlsburg, Germany

151 - Comparison of Clinical Outcomes: Bivalirudin With Transfemoral Versus Heparin With Transradial in Patients With ST Segment Elevation Myocardial Infarction

Jaya Reddy Mallidi, Muhammad Shakoar, Jane Garb, Daniel Fisher, Kurt Barringhaus, Amir Lotfi, Baystate Medical Center, Springfield, MA, USA, UMass Memorial Medical Center, Worcester, MA, USA

152 - How Often Does Troponin Elevation Identify Acute Myocardial Infarction in the Emergency Department?

Tarun Jain, Richard Nowak, Michael Hudson, Michele Moyer, Gordon Jacobsen, James McCord, Henry Ford Hospital, Detroit, MI, USA

153 - Efficacy and Safety of Bivalirudin in Patients Undergoing Pharmacoinvasive Strategy Following Fibrinolysis for ST-Segment Elevation Myocardial Infarction

Mohammed Rashid, Jordan Bernick, George Wells, Melissa Blondeau, Aun-Yeong Chong, Alexander Dick, Michael Froeschl, Chris Glover, Benjamin Hibbert, Marino Labinaz, Christina Osborne, Juan Russo, Derek So, Michel Le May, University of Ottawa Heart Institute, Ottawa, Canada

154 - Cardiac Electrical Biomarker Response During Percutaneous Coronary Intervention

Emmanuel Nketiah, James McCord, Gerald Koenig, Henry Ford Health System, Detroit, MI, USA

155 - Utility of Unfractionated Heparin in Transradial Cardiac Catheterization: A Systematic Review and Meta-Analysis of Randomized Studies

Matthias Bossard, Shamir Mehta, Robert Welsh, Kevin Baaney, McMaster University, Hamilton, Canada, Hamilton Health Sciences, Hamilton, Canada

156 - Left Ventricular End-Diastolic Pressure Predicts Outcomes in Patients With ST-Segment Elevation Myocardial Infarction Independently of Left Ventricular Systolic Function

Daiga Saito, Ippei Watanabe, Rine Nakanishi, Mikihiro Toda, Hideo Amano, Ryo Okubo, Takayuki Yabe, Takanori Ikeda, Toho University, Tokyo, Japan

158 - Comparative Outcomes of Angiotensin-Converting Enzyme Inhibitor and Angiotensin Receptor Blocker in Diabetic Hypertensive Acute Myocardial Infarction Patients: Results From the Korea Acute Myocardial Infarction Registry (KAMIR)

Seung-Woon Rha, Min Shim, Byoung Geol Choi, Se Yeon Choi, Jae Kyeong Byun, Jun Hyuk Kang, Woo Hyeon Kim, Sung Hun Park, Eun Jin Park, Jah Yeon Choi, Sunki Lee, Hu Li, Jin Oh Na, Cheol Ung Choi, Hong Euy Lim, Jin Won Kim, Eung Ju Kim, Chang Gyu Park, Hong-Seog Seo, Dong Joo Oh, Korea University Guro Hospital, Seoul, South Korea

159 - Central Fractional Pulse Pressure Predicts Cardiac Power Index in Patients With Acute Coronary Syndrome

Sudheer Nanduri, Khaled Tuwairqi, Krishna Velagapudi, Abdulfattah Saidi, Omar Wever Pinzon, Elizabeth Dranow, Divya Ratan Verma, Rebecca Morris, Theophilus Owan, University of Utah, Salt Lake City, UT, USA

160 - Serial Measurements of Neutrophil Gelatinase-Associated Lipocalin (NGAL): Prognostic Value in Stemi Patients Treated by Primary Percutaneous Coronary Intervention

Jae-Youn Moon, Yeong-Min Lim, Kim Sang Hoon, Woo-In Yang, Won-Jang Kim, Jung Hoon Sung, In Jai Kim, Sang-Wook Lim, Cha Dong-Hun, Department of Cardiology, CHA Bundang Medical Center, CHA University, Seongnam, South Korea

161 - Underuse of Potent Oral P2Y<sub>12</sub> Inhibitors in Women With an Acute Coronary Syndrome, Despite Having a Higher Risk Profile Than Male Patients

Ana Marcato, David Vivas, Juan Carlos Gomez-Polo, Antonio Tello, Jesus De La Hera, Francisco Marin, Inmaculada Roldan, Jose Luis Ferreiro, Working Group of Cardiovascular Thrombosis of the Spanish Society of Cardiology, Bellvitge University Hospital - IDIBELL, L'Hospitalet de Llobregat, Spain

162 - Transradial Access Is Superior to Femoral Access Among Patients With Acute Coronary Syndrome

Perwaiz M. Meraj, Rajkumar Doshi, Bhavitha George, Amitkumar Patel, Abhishek Vadher, Rajiv Jauhar, Northwell Health, Manhasset, NY, USA

163 - Comparison of Troponin Peaks Between Type 1 and Type 2 Myocardial Infarction

Sameer Arora, Paula D. Strassle, Arman Qamar, Prashant Kaul, University of North Carolina, Chapel Hill, NC, USA, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

164 - LV Unloading using an Impella CP Improves Coronary Flow and Infarct Zone Perfusion

Kiyotake Ishikawa, Shin Watanabe, Kenneth Fish, Roger Hajjar, Icahn School of Medicine at Mount Sinai, New York, NY, USA

165 - Compliance and Bleeding Using Updated AHA and ACC Heparin Dosing Guidelines for Non-ST Elevation Myocardial Infarction Patients

Aref Obagi, Shreya Ghetiya, Jeffrey Egnatovich, Jennifer Heckkanellidis, Michael P. Carson, Jersey Shore University Medical Center, Neptune, NJ, USA

166 - Trends in Incidence and Mortality Associated With Acute Kidney Injury in Patients Undergoing PCI for Acute Coronary Syndrome

Jaya Chandrasekhar, Usman Baber, Samantha Sartori, Roxana Mehran, George Dangas, Jason Kovacic, Pedro Moreno, Birgit Vogel, Sabato Sorrentino, Serdar Farhan, Michela Faggioni, Zhen Ge, Shreema Parikh, Pooja Vijay, Nitin Barman, Vishal Kapur, Samin Sharma, Annapoorna Kini, Icahn School of Medicine at Mount Sinai, New York, NY, USA

### Interventional Cardiology - Poster Contributions Session #1195

#### Interventional Cardiology: TAVR 2

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

168 - Platelets and von Willebrand Factor Interactions After Transcatheter Aortic Valve Replacement (TAVR): Association With Thrombocytopenia and Thrombosis

Homam Ibrahim, Timothy DeLao, Leticia Nolasco, Colin Barker, Joel Moake, Michael Reardon, Neal Kleiman, Houston Methodist DeBakey Heart & Vascular Center, Houston, TX, USA

167 - Impact of Single Versus Dual Anti Platelet Therapy on Early Outcomes in Women Undergoing Transcatheter Aortic Valve Replacement: From the WIN-TAVI Registry

Jaya Chandrasekhar, Alaide Chieffo, Anna Petronio, Samantha Sartori, Julinda Mehilli, Thierry Lefevre, Patrizia Presbitero, Piera Capranzano, Didier Tchetché, Alessandro Iadanza, Gennaro Sardella, Nicolas Van Mieghem, Emanuele Meliga, Nicolas Dumonteil, Chiara Fraccaro, Daniela Trabattoni, Ghada Mikhail, Samin Sharma, M. C. Ferrer, Christoph Naber, Peter Kievit, Michela Faggioni, Usman Baber, Marie Morice, Roxana Mehran, Icahn School of Medicine at Mount Sinai, New York, NY, USA





169 - Dual Antiplatelet Therapy Versus Single Antiplatelet Regimen With or Without Anticoagulation in Transcatheter Aortic Valve Replacement: Indirect Comparison and Meta-Analysis

Monica Verdoia, Lucia Barbieri, Paolo Marino, Harry Suryapranata, Giuseppe De Luca, AOU Maggiore della Carità, Università del Piemonte Orientale, Novara, Italy

170 - The Influence of Gender on In-Hospital Clinical Outcomes in Hispanics Following Surgical and Transcatheter Aortic Valve Replacement

Shing-Chiu Wong, Ilhwan Yeo, Luke Kim, Dmitriy Feldman, Harsimran Singh, Robert Minutello, Jeffrey Bergman, Weill Cornell Medical College, New York City, NY, USA

171 - Different Impact of Gender on Early and Late Outcome After Transcatheter Aortic Valve Replacement

Felix Woitek, Stephan Haussig, Georg Stachel, Sergey Leontyev, David Holzhey, Friedrich Mohr, Gerhard Schuler, Norman Mangner, Axel Linke, University of Leipzig - Heart Center, Leipzig, Germany

172 - Comparison of In-Hospital Outcomes of Transcatheter Aortic Valve Replacement in Men and Women

Sahil Agrawal, Lohit Garg, Tanush Gupta, Aakash Garg, Abdullah Qudus, Pedro Villablanca, Nirmannmoh Bhatia, Divyanshu Mohananey, John Kostis, Jamshid Shirani, St. Luke's University Health Network, Bethlehem, PA, USA

173 - Racial Disparities and Temporal Trends in Demographics and Clinical Characteristics of Patients Screened for Transcatheter Aortic Valve Replacement

Ron Waksman, Kyle Buchanan, M. Chadi Alraies, Toby Rogers, Arie Steinvil, Edward Koifman, Joelle Salmon, Jiaxiang Gai, Rebecca Torguson, Petros Okubagzi, Itzik Ben-Dor, Augusto Pichard, Lowell Satler, Medstar Washington Hospital Center, Washington, DC, USA

174 - Death and Dialysis Risk After Transcatheter Aortic Valve Replacement

James William Hansen, Andrew Foy, Pradeep Yadav, Ian Gilchrist, Mark Kozak, Alice Wang, Dee Dee Wang, Marvin H. Eng, Adam Greenbaum, William O'Neill, Penn State Milton S. Hershey Medical Center, Hershey, PA, USA, Henry Ford Health System, Detroit, MI, USA

186 - Higher B-Type Natriuretic Peptide Levels Predict Occurrence of Acute Kidney Injury After Transcatheter Aortic Valve Replacement

Stephan Haussig, Felix Woitek, Norman Mangner, Sergey Leontyev, David Holzhey, Friedrich Mohr, Gerhard Schuler, Axel Linke, University of Leipzig - Heart Center, Leipzig, Germany

175 - Impact of Chronic Kidney Disease on Mortality in Adults Undergoing Balloon Aortic Valvuloplasty

Samantha Novotny, Jie Yang, Donglei Yin, Allen Jeremias, Luis Gruberg, Javed Butler, Puja Parikh, Stony Brook University Medical Center, Stony Brook, NY, USA

176 - Short- and Mid-Term Outcomes After Transcatheter Aortic Valve Replacement in Patients With Renal Insufficiency Not on Hemodialysis

Darien Paone, Binita Shah, Daniel McDonald, Rahul Thakker, Pascale Houanche, Peter Neuburger, Muhamed Saric, Cezar Staniloae, Hasan Jilaihawi, Michael Querijero, Mathew Williams, New York University School of Medicine, New York, NY, USA

177 - Association of Chronic Renal Insufficiency With In-Hospital Outcomes of Transcatheter Aortic Valve Replacement

Tanush Gupta, Dhaval Kolte, Sahil Khera, Pedro Villablanca, Kashish Goel, Wilbert Aronow, Anna Bortnick, David Slovut, Cynthia Taub, Jorge Kizer, J. Abbott, Charanjit Rihal, Gregg Fonarow, Robert Pyo, Deepak Bhatt, Mario Garcia, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA

178 - The Impact of Preoperative Renal Dysfunction on the Outcomes of Patients Undergoing Surgical Versus Transcatheter Aortic Valve Replacement: An Analysis From the CoreValve US Pivotal High Risk Trial

Andres M. Pineda Maldonado, Nirat Beohar, J. Kevin Harrison, Neal Kleiman, Michael Reardon, John Conte, Daniel O'Hair, Stanley Chetcuti, Steven Yakubov, Jeffrey Popma, Duke University Medical Center, Durham, NC, USA

179 - Comparative Outcomes of Transcatheter Versus Surgical Aortic Valve Replacement in Chronic Kidney Disease

Nilay Kumar, Rohan Khera, Ambarish Pandey, Anand Venkatraman, Neetika Garg, University of Wisconsin School of Medicine and Public Health, Madison, WI, USA, University of Texas Southwestern, Dallas, TX, USA

180 - RenalGuard System for the Prevention of Contrast-Induced Nephropathy in Patients at High and Very-High Risk Undergoing Transcatheter Aortic Valve Implantation

Rocio González Ferreiro, Diego Lopez Otero, Ramiro Trillo Nouche, Diego Alvarez Iglesias, Adrian Cid Menendez, Leyre Alvarez Rodriguez, Ana Belen Cid Alvarez, Juan Carlos Sanmartin Pena, Jose Ramon Gonzalez Juanatey, Complejo Hospitalario Universitario de Santiago de Compostela, Santiago de Compostela, Spain

181 - Transcatheter Aortic Valve Replacement in End Stage Liver Disease

Jose David Tafur Soto, Theodora Valovska, Laurie Ventura, Kristen Thornton, Michael Bates, Patrick Parrino, Tyrone Collins, Stephen Ramee, Ochsner Clinic Foundation, New Orleans, LA, USA

182 - Outcomes of Transcatheter and Surgical Aortic Valve Replacement in Patients With Hepatic Cirrhosis: Insight From Nationwide Inpatient Sample

Ahmed Almustafa, Vinay Badhwar, Fahad Alqahtani, Sami Aljohani, Ali Hama Amin, Mohammad Akram Kawsara, J. Scott Rankin, Lawrence Wei, Mohamad Alkhoul, West Virginia University Heart and Vascular Institute, Morgantown, WV, USA

183 - Prevalence and Outcomes of Mitral Stenosis in Patients Undergoing Transcatheter Aortic Valve Replacement: Findings From the Society of Thoracic Surgeons/American College of Cardiology (STS/ACC) Transcatheter Valve Therapies (TVT) Registry

Lee Joseph, Mohammad Bashir, Qun Xiang, Babatunde Yerokun, Roland Matsouaka, Sreekanth Vemulapalli, Samir Kapadia, Firas Zahr, University of Iowa, Iowa City, IA, USA

184 - Worsening Tricuspid Regurgitation and Increased Mortality After Aortic Valve Replacement: Insights From PARTNER2A

Paul Cremer, L. Leonardo Rodriguez, Yiran Zhang, Maria Alu, Brian Lindman, Alan Zajarias, Rebecca Hahn, Stamatios Lerakis, S. Chris Malaisrie, Pamela S. Douglas, Philippe Pibarot, Lars Svensson, Martin Leon, Wael Jaber, Cleveland Clinic, Cleveland, OH, USA

185 - The Effect of Mixed Aortic Valve Disease in Clinical Outcomes After Transcatheter Aortic Valve Replacement

Konstantinos Stathogiannis, Konstantinos Toutouzias, Maria I. Drakopoulou, Archontoula Michelongona, Andreas Synetos, George Latsios, George Trantalidis, Odysseas Kaitozis, Constantina Aggeli, Eleftherios Tsiamis, Dimitris Tousoulis, First Department of Cardiology, Hippokraton Hospital, University of Athens, Athens, Greece

187 - Impact of Myocardial Injury Indicated by Increased Creatinine Kinase-Myocardial Band Levels on the Outcome After Transcatheter Aortic Valve Replacement: Results From a Prospective Single Center Registry

Stephan Haussig, Felix Woitek, Norman Mangner, Sergey Leontyev, David Holzhey, Friedrich Mohr, Gerhard Schuler, Axel Linke, University of Leipzig - Heart Center, Leipzig, Germany

188 - Impact of Active Coronary Artery Disease on the Early and 1 Year Mortality of Patients Undergoing Transcatheter Aortic Valve Replacement: A Systematic Review and Meta-Analysis



Kesavan Sankaramangalam, Kinjal Banerjee, Brandon Jones, Krishna Kandregula, Yash Jobanputra, Lars Svensson, Samir Kapadia, Cleveland Clinic, Cleveland, OH, USA

189 - Impact of the Presence of Coronary Artery Disease and Timing of Revascularization on Outcomes of Patients Undergoing Trans-Catheter Aortic Valve Replacement: Insights From STS/ACC TVT Registry

Hambik Tankazyan, Gaurav Tyagi, Amanda Stebbins, Roland Matsouaka, Alice Wang, Sreekanth Vemulapalli, Kenneth Jutzy, Islam Abudayyeh, Wilson Szeto, David Cohen, Vinod Thourani, Anthony Hilliard, Loma Linda University Medical Center, Loma Linda, CA, USA

190 - Intensity of Statin Therapy and Outcomes After Transcatheter Aortic Valve Replacement

Chetan Huded, Lillian Benck, Neil Stone, Ranya Sweis, Mark Ricciardi, S. Chris Malaisrie, Charles Davidson, James Flaherty, Northwestern University, Chicago, IL, USA

191 - Effect of Body Mass Index on Mortality After Transcatheter Aortic Valve Implantation: J-Shaped Curve

Rocío González Ferreiro, Diego Lopez Otero, Antonio J. Muñoz-García, Pablo Avanzas, Isaac Pascual, Juan H. Alonso Briaes, Ramiro Trillo Nouche, Federico Pun Chinchay, Manuel Jimenez Navarro, Jose Maria Hernandez Garcia, Cesar Moris, Jose Ramon Gonzalez Juanatey, Complejo Hospitalario Universitario de Santiago de Compostela, Santiago de Compostela, Spain

192 - Does Intra-Aortic Balloon Pump Placement During Hospitalization Course for Transcatheter Aortic Valve Replacement Portent a Worse Clinical Outcome?

Konstantinos V. Voudris, Richard B. Devereux, Dmitriy Feldman, Robert Minutello, Luke Kim, Harsimran Singh, Geoffrey Bergman, Arash Salemi, Shing-Chiu Wong, Department of Medicine, University of Illinois at Chicago/Advocate Christ Medical Center, Chicago, IL, USA, New York Presbyterian/Weill Cornell Medical College, New York, NY, USA

193 - Prognostic Value of Baseline N-Terminal Prohormone Type Natriuretic Peptide Measurement in Chronic Lung Disease Patients With Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement

Pavida Pachariyanon, Sorin Pislaru, Mackram F. Eleid, Gurpreet Sandhu, Kevin Greason, David Joyce, Vuyisile Nkomo, Mayo Clinic, Rochester, MN, USA

194 - Outcomes of Transcatheter Aortic Valve Replacement Without Balloon Predilation: A Systematic Review and Meta-Analysis

Krishna Kandregula, Kinjal Banerjee, Brandon Jones, Yash Jobanputra, Amar Krishnaswamy, Stephanie Mick, Jose Navia, Zoran Popovic, Lars Svensson, E. Murat Tuzcu, Samir Kapadia, Cleveland Clinic, Cleveland, OH, USA

196 - Impact of Balloon Pre-Dilatation on Hemodynamics and Clinical Outcomes After Transcatheter Aortic Valve Replacement With the Self-Expanding CoreValve Prosthesis

Toby Rogers, Ron Waksman, J. Kevin Harrison, G. Michael Deeb, James Hermiller, Jeffrey Popma, Michael Reardon, MedStar Washington Hospital Center, Washington, DC, USA

195 - Direct Home Discharge and Likelihood of 30-Day Hospital Readmission After Transcatheter Aortic Valve Replacement (TAVR): Findings From the STS/ACC TVT Registry

John A. Dodson, Mathew Williams, Sreekanth Vemulapalli, Pratik Manandhar, David Cohen, Caroline Blaum, Hua Zhong, John Rumsfeld, Judith Hochman, New York University School of Medicine, New York, NY, USA

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions

#### Session #1196

#### Nuclear Cardiology: Beyond Perfusion

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

197 - Molecular Imaging of Myocardial Cannabinoid Type 1 Receptor Upregulation in Obesity

Ines Valenta-Schindler, Zoltan V. Varga, Pal Pacher, Thomas Schindler, Johns Hopkins University, Baltimore, MD, USA, National Institute of Health (NIH), Rockville, MD, USA

198 - Prolonged Inflammation Led to Aortic Valve Sclerosis: Longitudinal PET/CT Study

Won-Jang Kim, Seo-Won Choi, Junsu Chang, Daniel Min, Min-Kyu Kim, Woo-In Yang, Sang Hoon Kim, Jae Youn Moon, Jung Hoon Sung, In Jai Kim, Sang-Wook Lim, Dong-Hun Cha, Ji Young Lee, Soo Jin Jang, Dae Jung Kim, Department of Cardiology, CHA Bundang Medical Center, CHA University School of Medicine, Seongnam-Si, Gyeonggi-Do, South Korea

199 - Radiotracer Imaging of Angiosome Foot Perfusion Correlates With Ankle-Brachial Index and Differentiates Critical Limb Ischemia Patients From Healthy Subjects

Jessica Buckley, Xenophon Papademetris, Carlos Mena-Hurtado, Peter A. Blume, Bauer Sumpio, Albert Sinusas, Mitchel Stacy, Yale University School of Medicine, New Haven, CT, USA

200 - Increased Subclinical Systemic AND Vascular Inflammation in Familial Combined Hyperlipidemia Compared to Heterozygous Hypercholesterolemia: Insights From a Positron Emission Tomography Study

Koutagiar Peter Iosif, Konstantinos Toutouzias, Georgios Benetos, Ioannis Skoumas, Pavlos Kafouris, Alexandros Georgakopoulos, Spyridon Galanakis, Nikoleta Pianou, Mahmoud Abdelrasoul, Angeliki Rigatou, George Spyrou, Constadina Aggeli, Eleftherios Tsimis, Dimitris Tousoulis, Konstantinos Anagnostopoulos, First Department of Cardiology, Medical School, University of Athens, Hippokraton Hospital, Athens, Greece, Biomedical Research Foundation Academy of Athens, Athens, Greece

201 - Regional Right Ventricular (RV) Function as Determined by Gated Blood Pool SPECT (GBPS) Provides Additive Value to Evaluation of Patients Undergoing Left Ventricular Assist Device (LVAD) Implantation

Christopher B. Link, Aditi Nayak, Robert Kormos, Marc Simon, Jeffrey Teuteberg, Luigi Lagazzi, Andrew Althouse, Prem Soman, UPMC, Pittsburgh, PA, USA

202 - The Increasing Burden of Amyloidosis From Apex to Base: New Insights From Technetium-99m Pyrophosphate Imaging

Scott Ray, Khan Aahad, Sharmeen Hussaini, Syed Haris A. Pir, Mustafa Noor Muhammad, Mirza Nubair Ahmad, Debra Mahlum, Steven C. Port, A. Jamil Tajik, Khawaja Afzal Ammar, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

203 - Comparison of CZT SPECT and Cardiac MR Derived Cardiac Function and Volumes in Patients With Significantly Reduced Ejection Fraction

Arieh Greenbaum, Steve Liao, Sunil Agarwal, Ines Sherifi, Lori Croft, Mount Sinai Medical Center, New York, NY, USA

204 - Reduced Dose Oral Glucose Load Yields Excellent Myocardial PET Viability Images

Howard Martin Julien, Albert DeLuca, Jeffrey Lin, Sabahat Bokhari, Columbia University Medical Center, New York, NY, USA

205 - The Impact of Cardiopulmonary Testing on Downstream Evaluation in Patients Who Undergo Myocardial Perfusion Imaging



Georgios Christopoulos, John Bois, Thomas Allison, Todd Miller, Martin Rodriguez-Porcel, Panithaya Chareonthaitawee, Mayo Clinic, Rochester, MN, USA

206 - In Vivo Correlation of Carotid Temperatures and Pet/Fdg Uptake in Patients Undergoing Carotid Endarterectomy: Validation With Histology

Georgios Benetos, Konstantinos Toutouzas, Iosif Koutagiar, Alexandros Georgakopoulos, Nikoleta Pianou, Sofoklis Trachanellis, Nikolaos Patelis, George Agrogiannis, Nikolaos Bessias, Konstantinos Filis, Chris Clonaris, George Spyrou, Efstratios Patsouris, Constantinos Anagnostopoulos, Dimitris Tousoulis, First Department of Cardiology, Athens, Greece

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions

#### Session #1197

#### Innovative Use of Echocardiography

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

207 - Effect of Left Atrial Remodeling on Prediction of Incident Atrial Fibrillation With CHARGE-AF Score: Data From the Framingham Offspring Study

Mayank Sardana, Steven Lubitz, Nisha Parikh, Connie Tsao, Emelia Benjamin, Nelson Schiller, Vasam Ramachandran, David McManus, University of Massachusetts Medical School, Worcester, MA, USA, Framingham Heart Study, Framingham, MA, USA

208 - Left Atrial Function Index as a Predictor of Cardiovascular Disease and Atrial Fibrillation: Data From the Framingham Offspring Study

Mayank Sardana, Darleen Lessard, Nisha Parikh, Adedotun Ogunsua, Aditya Vaze, Gregory Nah, Susan Cheng, Randell Thomas, Gerard Aurigemma, Emelia Benjamin, Gary Mitchell, Vasam Ramachandran, Connie Tsao, Nelson Schiller, David McManus, University of Massachusetts Medical School, Worcester, MA, USA, Framingham Heart Study, Framingham, MA, USA

209 - Echocardiographic Parameters Associated With Quality of Life in Ambulatory Patients With Heart Failure

Renata R. T. Castro, Shweta Motiwala, Emer Joyce, Lynne Stevenson, Michael Givertz, Akshay S. Desai, Eldrin Lewis, Brigham and Women's Hospital, Boston, MA, USA

210 - Usefulness of Left Ventricular Speckle Tracking Echocardiography in Diagnosing Paroxysmal Atrial Fibrillation in Ischemic Stroke and Transient Ischemic Attack Patients

Kristoffer Skaarup, Hanne K. Christensen, Nis Host, Maasti M. Mahmoud, Christian A. Ovesen, Flemming Javier Olsen, Jan Skov Jensen, Tor Biering-Sorensen, Gentofte Hospital, Hellerup, Denmark, Bispebjerg Hospital, Copenhagen, Denmark

211 - Global Longitudinal Strain as a Predictor of Survival in Sepsis-Induced Myocardial Dysfunction: A Meta-Analysis

Stefanie Furlan, Elie Donath, Samineh Sehatbakhsh, Robert Chait, University of Miami/JFK Medical Center Palm Beach Regional GME Consortium, Atlantis, FL, USA

212 - High Prevalence of Apical Hypertrophic Cardiomyopathy Noted in Non-White Patients Referred for Clinical Echocardiography

Waddy Gonzalez, Jeremy Miles, Mario Garcia, Daniel Spevack, Montefiore Medical Center, Bronx, NY, USA

213 - Independent Association of Atrial Mechanics With Risk of Incident Atrial Fibrillation

Satish Ramkumar, Hong Yang, Ying Wang, Mark Nolan, Kazuaki Negishi, Thomas Marwick, Baker IDI Heart and Diabetes Institute, Melbourne, Australia, Menzies Research Institute, Hobart, Australia

214 - The Impact of Rigorous Quality Improvement on 3D Echocardiography Image and Data Quality in an International Multisite Randomized Trial  
Anna Lisa Crowley, Eric Yow, Dawn Rabineau, Huiman Barnhart, Jennifer White, Eric Velazquez, Melissa Daubert, Mitchell Krucoff, Sunil Rao, Pamela S. Douglas, Duke University Medical Center, Durham, NC, USA, Duke Clinical Research Institute, Durham, NC, USA

215 - The Association Between Echocardiographic Laboratory Accreditation and the Quality of Imaging and Reporting

Jeremy Thaden, Michael Tsang, Chadi Ayoub, Ratnasari Padang, Vuyisile Nkomo, Stephen Tucker, Cynthia Cassidy, Merri Bremer, Garvan Kane, Patricia Pellikka, Mayo Clinic, Rochester, MN, USA

216 - Identifying the Optimal Echocardiographic Variables to Predict Outcome Through Correlation Mapping in Patients With Dilated Cardiomyopathy

Kegan Moneghetti, Juyong Kim, Genevieve Giraldeau, Yukari Kobayashi, Kalyani Boralkar, Ingela Schnittger, Euan Ashley, Matthew Wheeler, Francois Haddad, Stanford Cardiovascular Institute, Palo Alto, CA, USA

217 - The Left Atrium Emptying Fraction as a Predictor of Cardiovascular Morbidity and Mortality in a Low Risk General Population

Dirte Andersen, Jan Skov Jensen, Rasmus Mogelvang, Peter Schnohr, Tor Biering-Sorensen, Gentofte Hospital, Copenhagen, Denmark

218 - Left Ventricular Global Longitudinal Strain Predicts All-Cause Mortality in Patients With Mitral Regurgitation and Ischemic Heart Disease but Not in Nonischemic Mitral Regurgitation

Daniel Pu, Anthony Holmes, Ningxin Wan, Lili Zhang, Cynthia Taub, Montefiore Medical Center, Bronx, NY, USA

219 - Systolic Function and Cardiac Output on Echocardiography Do Not Predict Mortality After Cardiac Arrest

Jacob Colin Jentzer, Sunil Mankad, Sorin Pislaru, Gregory Barsness, Kianoush Kashani, Alejandro Rabinstein, Roger White, The Mayo Clinic, Rochester, MN, USA

220 - A Comparison of Two-Dimensional Echocardiography Parameters With Cardiac Magnetic Resonance Imaging in the Assessment of Right Ventricular Function Post Orthotopic Heart Transplantation

Marshall Hyden, Rajeev Anchan, Robin High, Shikhar Saxena, Nebraska Medicine, Omaha, NE, USA

221 - Impact on Long Term Mortality of Persistent Pulmonary Hypertension After Transcatheter Aortic Valve Implantation

Maria I. Drakopoulou, Konstantinos Toutouzas, Archontoula Michelongona, Konstantinos Stathogiannis, George Latsios, Andreas Synetos, Styliani Brili, Odysseas Kaitozis, Eleftherios Tsimis, Dimitris Tousoulis, First Department of Cardiology, Hippokraton Hospital, University of Athens, Athens, Greece

222 - Presence of Post-Systolic Shortening by Tissue Doppler Imaging is an Independent Predictor of Heart Failure in Patients Following ST-Segment Elevation Myocardial Infarction

Philip Brainin, Sune Pedersen, Morten Sengeløv, Flemming Javier Olsen, Thomas Hansen, Jan Jensen, Tor Biering-Sorensen, Department of Cardiology, Gentofte University Hospital, Hellerup, Denmark

223 - Assessment of Left Ventricular Rotational Mechanics Post-LVAD Implantation Using 3D Echocardiography

Diego Medvedofsky, Gabriel Sayer, Lynn Weinert, Eric Kruse, Megan Yamat, Victor Mor-Avi, Amit Patel, Karima Addetia, Sirtaz Adatya, Nitasha Sarswat, Gene Kim, Takeyoshi Ota, Valluvan Jeevanandam, Nir Uriel, Roberto Lang, University of Chicago, Chicago, IL, USA

224 - E/e' > 15 Performs Poorly in Patients With Elevated Left Filling Pressures and Atrial Fibrillation/Flutter: A Simultaneous Doppler-Catheterization Study





William Miranda, Kashish Goel, Jae Oh, Rick Nishimura, Mayo Clinic, Rochester, MN, USA

225 - Effect of Blood Pressure Control on Left Ventricle Strain Using Speckle Tracking Imaging

Gurpreet Sodhi, Jannet Lewis, The George Washington University, Washington, DC, USA

226 - Prognostic Utility of Hand-Carried Ultrasound Compared to Clinical and Laboratory Assessment of Decongestion to Predict Outcomes in Hospitalized Patients With Heart Failure

Mohammad-Ali Jazayeri, Holly Rodin, Melissa Madsen, Steven Goldsmith, Bradley Bart, Gautam Shroff, University of Kansas Medical Center, Kansas City, KS, USA, Hennepin County Medical Center, Minneapolis, MN, USA

227 - Left Ventricular Systolic Recovery After ST-Segment Elevation Myocardial Infarction: Effect of Guideline-Based Therapy

Rachid Abou, Melissa Leung, Georgette Hoogslag, Martin Schalijs, Nina Ajmone Marsan, Jeroen Bax, Victoria Delgado, Leiden University Medical Center, Leiden, The Netherlands

228 - The Predictive Value of Microvascular Defects Observed During Demand Stress Myocardial Contrast Echocardiography and Quantitative Measurements of Stenosis and Microvascular Resistance Obtained During Invasive Hemodynamics

David Barton, Yiannis Chatzizisis, Feng Xie, Edward O'Leary, Gregory Pavlides, Thomas Porter, University of Nebraska Medical Center, Omaha, NE, USA

229 - Early Detection of Cardiac Involvement in Sarcoidosis With 2-Dimensional Speckle-Tracking Echocardiography

Elie Dan Schouwer, Pamela Mocer, Denis Doyen, Nathalie Tieulie, Viviane Queyrel, Delphine Baudouy, Pierre Cerboni, Sylvie Leroy, Emile Ferrari, Chu Pasteur, Nice, France

230 - Concordance of Conventional 2D-Doppler Versus Speckle Tracking Echocardiography-Based Classification of Left Ventricular Diastolic Function

Alaa Mabrouk Salem Omar, Allen Weiss, Sukrit Narula, Megan Cummins, Piedad Larena Saenz, Ahmad Mahmoud, Mohamed Abdel-Rahman, Osama Rifaie, Partho Sengupta, Icahn School of Medicine at Mount Sinai, New York, NY, USA, Ain Shams University Hospital and National Research Center, Cairo, Egypt

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions

#### Session #1198

#### Non Invasive Imaging: Coronary Calcium Scoring and CV Risk Assessment

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 / CNE Hours: 0.75

231 - Prognostic Value of Protein Biomarkers Predict Risk of Coronary Heart Disease Events: Results From Multi-Ethnic Study of Atherosclerosis (MESA)

Rine Nakanishi, Petra Bůžková, Douglas Harrington, Kazuhiro Osawa, Yanting Luo, Indre Ceponiene, Sina Rahmani, Negin Nezarat, Hong Qi, Matthew Budoff, Los Angeles Research Institute at Harbor UCLA Medical Center, Torrance, CA, USA

232 - Association of Total Testosterone With Progression of Carotid Atherosclerosis and Coronary Artery Calcium Score: The Multi-Ethnic Study of Atherosclerosis

Indre Ceponiene, Rebekah Young, Richard Kronmal, James Stein, Dhananjay Vaidya, Adam Gepner, Nathan Wong, Ronald S. Swerdlow, Christina Wang, Jonas Ceponis, Rine Nakanishi, Negin Nezarat, Mitsuru Kanisawa, Kazuhiro Osawa, Sina Rahmani, Matthew Tattersall, Claudia Korcarz, Matthew Budoff, Los Angeles Biomedical Research Institute, Torrance, CA, USA, Lithuanian University of Health Sciences, Kaunas, Lithuania

234 - Coronary Artery Calcium in the Elderly: Prevalence, Severity, and Association With All-Cause Mortality

Yoav Aronson, Alan Rozanski, Heidi Gransar, Sean Hayes, Yuka Otaki, Mhairi Doris, Frances Wang, John Friedman, Louise Thomson, Balaji Tamarappoo, Piotr Slomka, Damini Dey, Daniel Berman, Cedars-Sinai Medical Center, Los Angeles, CA, USA

235 - Smoking as a Key Predictor of CAD Among Asymptomatic and Extremely Low Coronary Artery Calcium Score Patients

Hyeon Ju Jeong, Hyung-Bok Park, Hyun-Jin Kim, Yong-Sung Seo, Yoon-Hyeong Cho, Tae-Young Choi, Eui-Seock Hwang, Deok-Kyu Cho, Division of Cardiology, Cardiovascular Center Myongji Hospital, Seonam University College of Medicine, Goyang, South Korea

236 - Coronary Artery Calcium and Estimated Cardiovascular Disease Risk in Five Racial/Ethnic Groups Living in the US: The Mediators of Atherosclerosis in South Asians Living in America (MASALA) Study and the Multi-Ethnic Study of Atherosclerosis (MESA)

Jaideep Patel, Zeina Dardari, Miguel Cainzos-Achirica, Parag Joshi, Namratha Kandula, Matthew Budoff, Joseph Yeboah, Moyses Szklo, Eliseo Guallar, Roger Blumenthal, Alka Kanaya, Michael Blaha, VCU Medical Center, Richmond, VA, USA, Johns Hopkins Hospital, Baltimore, MD, USA

237 - Coronary Calcium Characteristics as Predictors of Major Adverse Cardiac Events in Symptomatic Patients: Insights From the CORE320 Multinational Study

Mallory Lo-Kioeng-Shioe, Andrea Vavere, Armin Arbab-Zadeh, Joanne Schuijff, Carlos Rochitte, Marcus Chen, Matthias Rief, Klaus Kofoed, Melvin Clouse, Arthur Scholte, Julie Miller, Aisha Betoko, Michael Blaha, Christopher Cox, Jaap W. Deckers, Joao Lima, Johns Hopkins Hospital, Baltimore, MD, USA

233 - Association of Coronary Artery Calcium Progression With Coronary Plaque Progression Determined by Quantitative Coronary Artery Plaque Analysis

Indre Ceponiene, Rine Nakanishi, Kazuhiro Osawa, Mitsuru Kanisawa, Sina Rahmani, Negin Nezarat, Michael Kim, Eranthi Jayawardena, Alexander Broersen, Pieter Kitslaar, Matthew Budoff, Los Angeles Biomedical Research Institute, Torrance, CA, USA, Lithuanian University of Health Sciences, Kaunas, Lithuania

238 - Coronary Artery Calcium Scores for Atherosclerotic Cardiovascular Disease Risk Stratification in Smokers: MESA

John Leigh, John McEvoy, Veit Sandfort, Waqas Qureshi, John Carr, Elizabeth C. Oelsner, Matthew Budoff, David Herrington, Joseph Yeboah, Wake Forest School of Medicine, Winston-Salem, NC, USA

239 - The Utility of Minimal Coronary Artery Calcification for Predicting Carotid Artery Disease: Results From the Multi-Ethnic Study of Atherosclerosis (MESA)

Kazuhiro Osawa, Rine Nakanishi, Robyn McClelland, Ralph Sacco, Joseph Polak, Warrick Bishop, Negin Nezarat, Mitsuru Kanisawa, Sina Rahmani, Indre Ceponiene, Hong Qi, Matthew Budoff, LA Biomed, Torrance, CA, USA

240 - Determination of Calcium Score From CTA Contrast Images Using Standard Clinical Methods

Wing Hang Lau, Harjot Singh, Simcha Pollack, Alan Guerci, Nathaniel Reichek, The Research Department, St. Francis Hospital-The Heart Center, Roslyn, NY, USA, NYIT College of Osteopathic Medicine, Old Westbury, NY, USA

241 - Prospective Evaluation of Low-Dose Coronary Calcium Scoring With Reduced Tube Voltage

Christoph Gräni, Jan Vontobel, Dominik Benz, Sara Bacanovic, Beatrice Hirt Moch, Michael Messerli, Marvin Grossmann, Cathérine Gebhard, Aju Paul Pazhenkottil, Oliver Gaemperli, Philipp Kaufmann, Ronny Buechel, Department of Nuclear Medicine, Cardiac Imaging, University Hospital Zurich, Zurich, Switzerland



242 - Incremental Utility of Coronary Computed Tomographic Angiography Beyond Coronary Artery Calcium Scoring for Predicting Major Adverse Cardiac Events According to Impaired Renal Function: The CONFIRM Registry  
Ji Hyun Lee, Mahn Won Park, Brian O. Hartaigh, Asim Rizvi, Donghee Han, Hadi Mirhedayati Roudsari, Subhi Al'Aref, Khalil Anchouche, Ashley Beecy, Heidi Gransar, Hyung Bok Park, Jessica M. Peña, James Min, Fay Lin, on behalf of the CONFIRM Investigators, New York-Presbyterian Hospital and the Weill Cornell Medical College, New York, NY, USA

### Prevention - Poster Contributions

#### Session #1186

#### Toward Precision Medicine in the Treatment of Elevated Blood Pressure

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

033 - Toward Identifying Personalized Prognosis in Hypertension: Variation in Early Responses in the Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT)

Sanket Shishir Dhruva, Chenxi Huang, Erica Spatz, Andreas Coppi, Frederick Warner, Shu-Xia Li, Haiqun Lin, Xiao Xu, Curt Furberg, Barry Davis, Sara Pressel, Ronald Coifman, Harlan Krumholz, Yale School of Medicine, New Haven, CT, USA

034 - Coronary Artery Calcium and Incident Hypertension in a Population-Based Cohort: The Multi-Ethnic Study of Atherosclerosis

Amer I. Aladin, Mahmoud Al Rifai, Shereen H. Rasool, Zeina Dardari, Joseph Yeboah, Khurram Nasir, Matthew Budoff, Bruce M. Psaty, Roger Blumenthal, Michael Blaha, John W. McEvoy, Johns Hopkins School of Medicine, Ciccarone Center for the Prevention of Heart Disease, Baltimore, MD, USA

035 - Prognostic Importance of Blood Pressure and Heart Rate in Chronic Obstructive Pulmonary Disease: The SUMMIT Trial

James Brian Byrd, David E. Newby, Julie A. Anderson, Peter M. A. Calverley, Bartolome R. Celli, Nicholas J. Cowans, Courtney Crim, Fernando J. Martinez, Jørgen Vestbo, Julie Yates, Robert D. Brook, GSK, Research Triangle Park, NC, USA

036 - Left Atrial Function and Role in Prediction of Heart Failure

Satish Ramkumar, Hong Yang, Ying Wang, Mark Nolan, Kazuaki Negishi, Thomas Marwick, Baker IDI Heart and Diabetes Institute, Melbourne, Australia, Menzies Research Institute, Hobart, Australia

037 - Left Ventricular Mass Versus Pulse Wave Velocity as Predictors of Coronary Artery Disease in Patients With Essential Hypertension: Data From a Greek 6-Year-Follow-Up Study

Kyriakos Dimitriadis, Konstantinos Tsioufis, Dimitris Konstantinidis, E. Andrikou, Theodoros Kalos, Alexandros Kasiakogias, Ioanna Severi, Konstantinos Konstantinou, Ioannis Kallikazaros, Dimitris Tousoulis, First Cardiology Clinic, National and Kapodistrian University of Athens, Hippokration Hospital, Athens, Greece

038 - Joint Effect of Maternal Plasma Homocysteine and Prepregnancy Obesity on Child Blood Pressure: A Prospective Birth Cohort Study

Hongjian Wang, Benjamin P. Xu, Richard B. Xu, Sheila Walker, Guoying Wang, Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD, USA, Fuwai Hospital, National Center for Cardiovascular Diseases, Beijing, People's Republic of China

039 - Heart-Femoral Pulse Wave Velocity Is a Stronger Marker of Arterial Aging Than Carotid-Femoral Pulse Wave Velocity

Timothy S. Phan, Amer Ahmed Syed, Harry Garrett Oldland, Nicolas Sanchez, Zeba Hashmath, Scott R. Akers, Julio A. Chirinos, University of Pennsylvania, Philadelphia, PA, USA

040 - Predictors of New-Onset Atrial Fibrillation in Essential Hypertensives

Dimitris Konstantinidis, Konstantinos Tsioufis, Kyriakos Dimitriadis, Dimitris Tsiachris, Alexandros Kasiakogias, Velissaris Antonakis, E. Andrikou, Dimitrios Aragianis, Dimitrios Tousoulis, First Cardiology Clinic, University of Athens, Hippokration Hospital, Athens, Greece

041 - Serum Homocysteine Lowering by Long-Term Low-Dose Folic Acid: New Insight on *MTHFR* Gene-Folate Interaction From China Stroke Primary Prevention Trial

Xiao Huang, Hong Wang, Xianhui Qin, Wenbin Yang, Shanqun Jiang, Lishun Liu, Yun Song, Min Zhao, Yu Wang, Yan Zhang, Jianping Li, Huihui Bao, Hai Su, Ping Li, Renqiang Yang, Yanqing Wu, Kui Hong, Qinhua Wu, Genfu Tang, Binyan Wang, Fanfan Hou, Yong Huo, Xiaobin Wang, Xiaoshu Cheng, Department of Population, Family and Reproductive Health, Johns Hopkins University Bloomberg School, Baltimore, MD, USA, Department of Cardiovascular Medicine, Second Affiliated Hospital of Nanchang University, Nanchang, People's Republic of China

042 - Triglyceride Glucose Index Is an Independent Risk Factor for Hypertension

Zhao Li, Xiaofan Guo, Yingxian Sun, Maria Roselle Abraham, The First Hospital of China Medical University, Shenyang, People's Republic of China, Johns Hopkins University, Baltimore, MD, USA

043 - The Impact of Diet-Induced Weight Loss on Non-Dipping Circadian Blood Pressure Patterns

Arijun Pandey, Cambridge Cardiac Care Centre, Cambridge, Canada

044 - Pulse Pressure as a Predictor of Renal Function Progression Over 3-Year Follow-Up in African American Population

Wasawat Vutthikraivit, Pattara Rattanawong, Possawat Vutthikraivit, Prabhakorn Kitbhoka, Nattachai Suwachittanon, Tepsiri Chongkairatanakul, Carolina Diabetes and Kidney Center, Sumter, SC, USA, Faculty of Ramathibodi Hospital, Bangkok, Thailand

### Prevention - Poster Contributions

#### Session #1187

#### Updates on Risk Factors for Cardiovascular Disease

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

045 - Associations Between Exercise Prior to and Around the Time of Cancer Diagnosis and Subsequent Cardiovascular Events in Women With Breast Cancer: A Women's Health Initiative (WHI) Analysis

Andres Palomo, Roberta M. Ray, Lisa Johnson, Electra Paskett, Bette Caan, Lee Jones, Tochi Okwuosa, Rush University Medical Center, Chicago, IL, USA

046 - Association of Objectively Measured Sedentary Time, Physical Activity and Cardiorespiratory Fitness Levels with Cardiometabolic Risk Factors and Cardiac Structure and Function: Findings From the Dallas Heart Study  
Brad Peden, Ambarish Pandey, Colby Ayers, Jarrett Berry, University of Texas Southwestern, Dallas, TX, USA

047 - Declining Survival With Decreasing Exercise Time on Treadmill: Lessons From a 25-Year Cohort

Serge C. Harb, Yuping Wu, Leslie Cho, Carol Roupheal, Paul Cremer, Venu Menon, Wael Jaber, Cleveland Clinic, Cleveland, OH, USA

048 - Walking Pace Is Inversely Associated With Risk of Death and Cardiovascular Disease: The Physicians' Health Study

Tasnim F. Imran, Jiaying Chen, Senthil Selvaraj, Ariela Orkaby, J. Michael Gaziano, Luc Djousse, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

049 - Impact of Exercise and Pharmacologic Interventions on Changes in Visceral Adiposity: A Meta-Analysis of Randomized Controlled Trials



**Shreya Rao**, Ambarish Pandey, Sushil Garg, Bryan Park, Ian Neeland, UT Southwestern School of Medicine, Dallas, TX, USA

050 - Relationship Between High School Athletic Participation and Adult Fitness and Metabolic Health

Stephen Angeli, **Daniel Angeli**, Nicole Eichman, Michael Sielski, Michelle Amundson, Holy Name Medical Center, Teaneck, NJ, USA

051 - Retinopathy and Risk of Sudden Cardiac Death: The ARIC Study

**Sunil Kumar Agarwal**, Nona Sotoodehnia, Faye L. Norby, Kunihiro Matsushita, Lin Chen, Barbara Klein, Ronald Klein, Silvana Lawvere, Wayne Rosamond, Wong T. Yin, Jagat Narula, Aaron Folsom, Josef Coresh, Gerardo Heiss, Mount Sinai Hospital, New York, NY, USA

052 - Exposure to Particulate Matter in World Trade Center Law Enforcement and Its Relationship to Cardiovascular Risk

**Rupa L. Iyengar**, Cynara Maceda, Mary Ann McLaughlin, Icahn School of Medicine at Mount Sinai, New York, NY, USA

053 - Hospital Admissions for Chest Pain Associated With Cocaine use in the United States

**Alexis Rodriguez**, Vikas Singh, Ghanshyambhai Savani, Badal Thakkar, Nileshkumar Patel, Carlos Alfonso, Mauricio Cohen, Raul Mitrani, Juan Viles-Gonzalez, Jeffrey Goldberger, University of Miami, Miller School of Medicine, Miami, FL, USA

054 - A Vaccine-Based Strategy for Reducing Cardiovascular Disease Risk Factors

**Ingrid E. Lindquist**, Erin Crossey, Marcelo Amar, Alan Remaley, Bryce Chackerian, University of New Mexico School of Medicine, Albuquerque, NM, USA, National Heart Lung and Blood Institute, Bethesda, MD, USA

055 - Cannabis Use Predicts Risks of Heart Failure and Cerebrovascular Accidents: Results from the National Inpatient Sample

**Aditi Kalla**, Parasuram Krishnamoorthy, Akshaya Gopalakrishnan, Jalaj Garg, Vincent Figueredo, Einstein Medical Center, Philadelphia, PA, USA

056 - Frailty as a Risk Factor for Cardiovascular Versus Non-Cardiovascular Mortality in Elderly Men: Results From the Outcomes of Sleep Disorders in Older Men (MrOS Sleep) Study

**Selcuk Adabag**, Tien N. Vo, Brent C. Taylor, Lisa Langsetmo, John T. Schousboe, Allyson Kats, Peggy Cawthon, Katie L. Stone, Marcia L. Stefanick, James Shikany, Thuy-Tien L. Dam, Minneapolis VA Health Care System, Minneapolis, MN, USA, University of Minnesota, Minneapolis, MN, USA

057 - Walnut-Enriched Diet Reduces Lipids in Healthy Caucasian Subjects, Independent of Recommended Macronutrient Replacement

**Charlotte Bamberger**, Andreas Rossmeyer, Katharina Lechner, Liya Wu, Elisa Waldmann, Renee G. Stark, Julia Altenhofer, Kerstin Henze, Klaus Parhofer, Division of Endocrinology and Metabolism at Medical Department 2 University of Munich Medical Center, Munich, Germany

058 - Association of Anxious and Depressive Symptomatology With Cardiovascular Disease Among Patients From Different States in Mexico: REDECAR Study

**Fernando Petersen-Aranguren**, Aldo Suarez, Alejandra Almeida, Alvaro Camacho, Edilberto Peña de Leon, Mario Benavides Gonzalez, Manuel Barrera Bustillos, Ursulo Juarez-Herrera, Jorge Carrillo, Manuel de Los Rios Ibarra, Marco Alcocer Gamba, Cardiology, Centro de Investigación Cardiológica, Guadalajara, Jalisco, Mexico, Psychiatry, INCIDE, Mexico City, Mexico

059 - Levels of Obesity and Accuracy of the Atherosclerotic Cardiovascular Risk Equation in a Large Community-Based Cohort

**Jamal S. Rana**, Grace H. Tabada, Matthew Solomon, Joan C. Lo, Marc Jaffe, Sue Hee Sung, Alan S. Go, Kaiser Permanente Northern California, Oakland, CA, USA, University of California San Francisco, San Francisco, CA, USA

060 - Central Obesity Predicts Circulating Progenitor Cell Levels

**Jay Khambhati**, Pratik Sandesara, Ayman Samman Tahhan, Matthew Topel, Frank Corrigan, Heval Mohamad Kelli, Eric Stahl, Marc Allard-Ratick, Ayman Alkhoder, Hiroshi Aida, Mohamad Mazen Gafeer, Iraj Hesaroieh, Ernestine Mahar, Edmund Waller, Viola Vaccarino, Thomas R. Ziegler, Laurence Sperling, Kenneth Brigham, Greg Martin, Arshed Quyyumi, Emory University School of Medicine, Atlanta, GA, USA

061 - Prevalence of Abnormal Ankle Brachial Index in Obese and Non-Obese Subjects, and Association of Abnormal Ankle Brachial Index With All-Cause and Cardiovascular Mortality in These Groups: Results From National Health and Nutrition Examination Survey 1999-2000

**Salman Waheed**, Zubair Shah, James Vacek, Deepak Parashara, Buddhadeb Dawn, Kamal Gupta, University of Kansas School of Medicine, Kansas City, KS, USA, Kansas City VA Medical Center, Kansas City, KS, USA

062 - Bariatric Surgery Is Associated With Reduced Risk and Cost of Emergency Department Visits and Hospitalizations for Cardiovascular Disease  
**Yuichi J. Shimada**, Koichiro Gibo, Hiroyasu Iso, David Brown, Kohei Hasegawa, Massachusetts General Hospital, Boston, MA, USA

063 - Influence of Body Weight Changes on All-Cause and Cardiovascular Mortality in Middle-Aged Adults

**In-Jeong Cho**, Hyuk-Jae Chang, Ji Min Sung, Hyeon Chang Kim, Namsik Chung, Severance Hospital, Yonsei University College of Medicine, Seoul, South Korea

064 - Visceral but Not Subcutaneous Adipose Tissue Associates With Vascular Inflammation by 18-FDG PET/CT in Psoriasis

**Joshua P. Rivers**, Amit Dey, Abhishek Chaturvedi, Jonathan Chung, Mohammad Tarek Kabbany, Mark Ahlman, Justin Rodante, Aditya Joshi, Charlotte Harrington, Martin Playford, Jianhua Yao, Tiffany Powell-Wiley, Nehal Mehta, NIH, Bethesda, MD, USA

065 - Is There a Link Between Family History of Cardiometabolic Disease and Body Fat Profile?

**Bryan Wilner**, Colby Ayers, Ian Neeland, UT Southwestern Medical Center, Dallas, TX, USA

066 - Changes in Body Fat Distribution Is Associated With Oxidative Stress

Heval Mohamed Kelli, Frank Corrigan, **Robert Heini**, Devinder Dhindsa, Muhammad Hammadah, Ayman Samman-Tahhan, Pratik Sandesara, Talal Alghamdi, Ibhhar Al Mheid, Yi-An Ko, Thomas Ziegler, Laurence Sperling, Kenneth Brigham, Dean Jones, Viola Vaccarino, Greg Martin, Arshed Quyyumi, Emory University, Atlanta, GA, USA

067 - The Visceral Adiposity Index Predicts Cardiovascular Events Both in Coronary Artery Disease Patients With and in Coronary Artery Disease Patients Without Diabetes

Alexander Vonbank, **Christoph H. Saelly**, Philipp Rein, Andreas Leiberer, Daniela Zanolin, Heinz Drexel, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria

068 - Obstructive Sleep Apnea and Coronary Risk in Health Screening Clinic

**Yan Yi Cheung**, Bee-Choo Tai, Germaine Loo, See-Meng Khoo, Yin-Phoon Cheong, Ferran Barbe, Chi-Hang Lee, National University of Singapore, Singapore, Singapore

069 - Association Between Short and Long Sleep Duration and Cardiovascular Outcomes? A Systematic Review and Meta-Analysis

**Chayakrit Krittanawong**, Anusith Tunhasiriwet, Zhen Wang, Hongju Zhang, Larry J. Prokop, Sakkarin Chirapongsathorn, Mehmet Aydar, Tao Sun, Takeshi Kitai, Icahn School of Medicine at Mount Sinai, New York, NY, USA, Mayo Clinic, Rochester, MN, USA

070 - Carotid Plaque Area Is Increased in Patients With Acute Coronary Syndrome and Dysglycemia



Thorarinn Arni Bjarnason, Steinar Hafthorsson, Linda Kristinsdottir, Erna Óskarsdóttir, Thor Aspelund, Sigurdur Sigurdsson, Vilmundur Gudnason, Karl Andersen, Landspítali, The National University Hospital of Iceland, Reykjavik, Iceland, Icelandic Heart Association, Kopavogur, Iceland

### **Pulmonary Hypertension and Venous Thrombo-embolic Disease - Poster Contributions**

#### **Session #1181**

**Understanding Pulmonary Vascular Disease: From Bench to Bedside**  
Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

001 - Pulmonary Vascular Response to Nitric Oxide and Subsequent Response to Advanced Medical Therapy in Incident Patients With Pulmonary Hypertension

Richard A. Krasuski, Alexander J. Blood, Kishan Parikh, Rachel Elkin, Michael Zdradzinski, Thomas Bashore, Duke University Health System, Durham, NC, USA, The Cleveland Clinic, Cleveland, OH, USA

002 - Apelin-13 Co-Treatment With Umbilical Cord Blood-Derived Mesenchymal Stem Cells Improves Engrafted Cell Survival and Inhibits Macrophage Activation in Pulmonary Arterial Hypertension Murine Model  
Albert Jang, Seyeon Oh, Seungbum Choi, Sehyun Chae, Jeongsik Moon, Minsu Kim, Pyung Chun Oh, Kyunghoon Lee, Kuk Hui Son, Daehee Hwang, Kyunghee Byun, Wook-Jin Chung, Gachon Cardiovascular Research Institute, Incheon, South Korea

003 - Impact of Endothelial Fibroblast Growth Factors on Pulmonary Hypertension  
Kel Vin Woo, Carla Weinheimer, Attila Kovacs, David Ornitz, Washington University, Saint Louis, MO, USA

004 - New Insights and New Hope for Pulmonary Arterial Hypertension: Natriuretic Peptides Clearance Receptor as a Novel Therapeutic Target for a Complex Disease  
Emmanuel Egom, Tiam Feridooni, Rebabonye Pharithi, Vincent Maher, Yassine El Hiani, Kishore Pasumarthi, Hilaire Ribama, Tallaght Hospital, Dublin, Ireland

005 - Short-Term Intravenous Iloprost Treatment Improves Clinical Status and Neurohumoral Measures in Clinical Worsening Episodes of Precapillary Pulmonary Hypertension Regardless of the Background Treatments: Insights From Euphrates Study  
Cihangir Kaymaz, Ibrahim Halil Tanboga, Ozgur Y. Akbal, Hacer Ceren Tokgoz, Fatih Yilmaz, Aykun Hakgor, Nertila Poci, Canan Elif Yildiz, Sevim Turkday, Tugba Aktemur, Durmus Demir, Seda Tanyeri, Nihal Ozdemir, Kartal Kosuyolu Heart Education and Research Hospital, Istanbul, Turkey

006 - Potential Mediators of Right Heart Failure in Pulmonary Arterial Hypertension  
Elisa Bradley, John Daugherty, Emefah Loccoh, Faith Kline, Peter Mohler, The Ohio State University, Columbus, OH, USA

007 - The Impaired Endothelium-Dependent and Endothelium-Independent Systemic Arterial Vasodilatory Reserve in Pulmonary Hypertension Regardless of the Clinical Group  
Muhittin Demirel, Ozgur Akbal, Aykun Hakgor, Fatih Yilmaz, Canan Elif Yildiz, Hacer Ceren Tokgoz Demircan, Ibrahim Halil Tanboga, Sevim Turkday, Durmus Demir, Seda Tanyeri, Seda Tanyeri, Nihal Ozdemir, Cihangir Kaymaz, Kartal Kosuyolu Heart Education and Research Hospital, Istanbul, Turkey

008 - The In-Vitro Effect of Prostacyclin Analogues on Small Human Pulmonary Artery: Comparison With Phosphodiesterase Inhibitors  
Azar Hussain, Rob Bennett, Zaheer Tahir, Mubarak Chaudhry, Alyn Morice, Loubani Mahmoud, Castle Hill Hospital, Cottingham, United Kingdom

### **Special - Poster Contributions**

#### **Session #1206**

**FIT Clinical Decision Making: Arrhythmias and Electrophysiology**  
Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

364 - The Brugada Syndrome Mimicking an Acute Inferior ST Elevation Myocardial Infarction  
Scott Purga, Radmila Lyubarova, David Steckman, Albany Medical Center, Albany, NY, USA

365 - That Is Not a Seizure, It's VT: A Unique Presentation of Acquired Long QT Syndrome  
Marie Bulathsinghala, Nathaniel McConkey, Khushboo Parikh, Jason Imundo, Penn State Hershey Medical Center, Hershey, PA, USA

366 - Refractory Electrical Storm as the Initial Presentation of Presumed Cardiac Sarcoidosis Treated With Left Stellate Ganglion Block  
Matthew Crim, Raffay Khan, Boris Spektor, Preeti Narayan, Maan Jokhadar, Michael Lloyd, Emory University, Atlanta, GA, USA

367 - Risk Stratification of Sudden Cardiac Death in Hypertrophic Cardiomyopathy  
Michael Ghannam, Jessica Parsh, Hakan Oral, University of Michigan Health Systems, Ann Arbor, MI, USA

368 - An Exciting Wide Complex Tachycardia  
Muhammad Omer Zaman, Mohammad Mojadidi, Qalb Abbas Khan, Karandeep Bumrah, Sania Bashir, Nimesh Patel, Sandeep K. Sharma, Crozer-Chester Medical Center, Chester, PA, USA, University of Florida Health Shands Hospital, Gainesville, FL, USA

369 - Pitfalls in the Diagnosis of Arrhythmogenic Right Ventricular Cardiomyopathy: Importance of Epicardial Voltage Mapping  
Tara Shah, Jim Cheung, New York Presbyterian Hospital, New York, NY, USA, Weill Cornell Medicine, New York, NY, USA

370 - Genetic Testing for Diagnosis of Progressive Cardiac Conduction Disease  
Gustavo Guandalini, David Park, Stephen Pan, Chirag Barbhuiya, Leon Axel, Steven Fowler, Marina Cerrone, Larry Chinitz, New York University School of Medicine, New York, NY, USA

371 - Syncope in the Setting of Two Zebras  
Jared Bird, Christopher McLeod, Mayo Clinic, Rochester, MN, USA

372 - Successful Balloon Valvuloplasty for Subacute Unilateral Pleural Effusion in Ebstein Anomaly  
Aeshita Dwivedi, Dan Halpern, New York University Medical Center, New York, NY, USA

373 - Simple Atrial Flutter Ablation Causing Cardiogenic Shock, Mitral Regurgitation and Complete Heart Block  
Thein T. Aung, Kevin Kravitz, Samuel Roberto, Htun Latt, Good Samaritan Hospital, Dayton, OH, USA, University of Reno, School of Medicine, Reno, NV, USA

375 - Complete Heart Block on an Athlete's Screening ECG: Reason to Restrict?  
Chaitanya Madamanchi, Thomas Brickner, Eugene Chung, University of North Carolina Hospitals, Division of Cardiology, Chapel Hill, NC, USA

377 - Left Atrial Tachycardia Ablation During Pregnancy: A Successful Ablation With Near- Zero Fetal Radiation Exposure  
Andrew Williams, Zeshan Ahmad, Wilber Su, Banner University Medical Center - Phoenix, Phoenix, AZ, USA





379 - Unexpected Atrial Thrombus Discovered Post Intraoperative Maze Procedure: The Dilemma of Thrombus Screening Before Percutaneous Pulmonary Vein Isolation

Krittapoom Akrawinhawong, Krystyna Majkut, Scott Ferreira, Ali Mehdirad, St. Louis University School of Medicine, St. Louis, MO, USA

380 - Electroanatomic Characterization of Hypoplastic Left Heart Ventricular Tachycardia: Transaortic Transmembranous Ventricular Septal Approach via Magnetic Navigation

Andrew D. Beaser, Kelvin C. M. Chua, Michael Broman, Roderick Tung, University of Chicago Medical Center, Chicago, IL, USA

381 - Takotsubo Cardiomyopathy in the Setting of Complete Heart Block

Aasim Afzal, Jeffrey Schussler, Manish Assar, Baylor University Medical Center, Dallas, TX, USA

382 - A Case of Defibrillation Threshold Testing Failure With Subcutaneous Implantable Defibrillator Implantation in a Hypertrophic Cardiomyopathy Patient

Sonia Samtani, Hiro Kawata, Govind Rajan, Matthew Dolich, Anjan Batra, Teferi Mitiku, University of California, Irvine, Orange, CA, USA

383 - Ventricular Fibrillation Arrest From an Atrioesophageal Fistula: A Unique Clinical Presentation

Jonathan Michael Wong, Cindy Wang, Stephanie Hsiao, Sung Choi, Glenn Egrie, Richard Hongo, California Pacific Medical Center, San Francisco, CA, USA

384 - Device-Related Thrombus Following Left Atrial Appendage Closure: A Clinical Conundrum

Mohammad-Ali Jazayeri, Venkat Lakshmi Kishan Vuddanda, Madhu Reddy, Dhanunjaya Lakkireddy, University of Kansas Medical Center, Kansas City, KS, USA

386 - Stiff Left Atrial Syndrome Following Multiple Ablations Diagnosed With Invasive Hemodynamic Exercise Testing

Douglas Darden, Marcus Urey, Douglas Stoller, Mark H. Drazner, Satyam Sarma, Benjamin Levine, University of Texas Southwestern, Dallas, TX, USA

387 - Catecholaminergic Polymorphic Ventricular Tachycardia and Peripartum Cardiomyopathy: A Perfect Sympathetic Storm?

Ricardo M. Lugo, Jared O'Leary, Frank Fish, Vanderbilt University Medical Center, Nashville, TN, USA, Monroe Carell Jr. Children's Hospital at Vanderbilt, Nashville, TN, USA

388 - Sinus Node Dysfunction in Batten Disease: A Rare Manifestation of a Rare Disease

Amole Ojo, Prakash Harikrishnan, Odunayo Olorunfemi, Sei Iwai, Anoshia Raza, Tanya Dutta, Tonusri Nag, Jason Jacobson, Tasleem Katchi, Martin Cohen, Sohaib Tariq, Westchester Medical Center, Valhalla, NY, USA

389 - Keeping Pace: A Case of Ictal Asystole

Rola Khedraki, Hiro Kawata, Shuktika Nandkeolyar, Teferi Mitiku, University of California, Irvine, Orange, CA, USA

390 - Idiopathic Fascicular Left Ventricular Tachycardia and Dilated Cardiomyopathy: An Unusual Combination in a 19-Year-Old College Athlete

Sarah Goldberg, Roger Breitbart, Douglas Mah, Vassilios Bezzerides, Boston Children's Hospital, Boston, MA, USA

391 - Recurrent Syncope: An Unusual Presentation of Lymphoma

Amir Aghajanian, Shivanshu Madan, James Hummel, Xuming Dai, UNC School of Medicine, Department of Medicine, Division of Cardiology, Chapel Hill, NC, USA

392 - Mapping of the His Bundle to Recruit LBBB During Permanent Pacemaker Implantation: Insight Into the Site of LBBB

Hena Patel, Kristin Ellison, Parikshit Sharma, Richard Trohman, Rush University Medical Center, Chicago, IL, USA

393 - A Case of Unexplained Syncope and Type 1 Inducible Brugada Syndrome

Nashwa Abdulsalam, Nikhil Mehta, Mohan Rao, Rochester General Hospital, Rochester, NY, USA

394 - Right Sided Accessory Pathway Masquerading as LBBB with Cardiomyopathy: "Cure" With Catheter Ablation

Steven Deutsch, Ravi Sureddi, Ramdas Pai, Anthony Choy, Suneel Kumar, Austin Evans, University of California Riverside School of Medicine, Riverside, CA, USA, St. Bernardine Medical Center, San Bernardino, CA, USA

395 - Flecainide Toxicity

Stephen Awuor, Edward Lankford, Penn State Hershey, Hershey, PA, USA

396 - Challenges in Ibrutinib Associated Atrial Fibrillation

Sarij Ganatra, Arjun Majithia, Sachin Shah, Lahey Hospital & Medical Center, Burlington, MA, USA

397 - Atrio-Ventricular Pacing Dysynchrony Manifest as Pseudo-Pulsus Paradoxus

Alexis Z. Tumolo, Amber Khanna, University of Colorado, Aurora, CO, USA

398 - Rare Case of Saw Palmetto Induced Complete Heart Block

Daniel Jipescu, Aman Patel, Hema Bohra, Amanda Pientka, Plaza Medical Center of Fort Worth, Fort Worth, TX, USA

399 - Flecainide and Traumatic Syncope: Don't Forget It

Hetal H. Mehta, Vincent Nguyen, Michael Valentino, Reginald Ho, Gregory Marhefka, Thomas Jefferson University Hospital, Philadelphia, PA, USA

400 - A Case of Brugada Syndrome Presenting as Seizure Disorder

Abdel Anabtawi, Alice Kim, University of New Mexico, Albuquerque, NM, USA, Brigham and Women's Hospital, Boston, MA, USA

401 - A Rare Cause of Syncope

Pooja Sethi, Sukhdeep Bhogal, Murali Pappireddy, Yasir Taha, Vijay Ramu, Timir Paul, East Tennessee State University, Johnson City, TN, USA

402 - Phenytoin in Treatment of Methadone-Induced Torsades de Pointes

Zaid Altheeb, New York Medical College at Saint Joseph's, Paterson, NJ, USA

403 - Idiopathic Ventricular Tachycardia Arising From the Left Ventricular Summit Treated With Endocardial Catheter Ablation Followed by Cardiac Sympathectomy

Travis Dennis Richardson, Arvinth Kanagasundram, Vanderbilt Heart and Vascular Institute, Nashville, TN, USA

404 - Bidirectional Ventricular Tachycardia in Critically Ill Patients on Vasopressors

Ahmed Mahgoub, Emad Barsoum, Deepak Asti, Michel Chalhoub, James Lafferty, Staten Island University Hospital-Northwell Health System, Staten Island, NY, USA

405 - Searching for a Trigger in Resistant Ventricular Tachycardia in Post Acute Myocardial Infarction

Delphine Tang, Jason Feliberti, James Coromilas, Amardeep Saluja, Rutgers - Robert Wood Johnson University Hospital, New Brunswick, NJ, USA

406 - Syncope in Elderly: How About Checking Carotid Hypersensitivity???

Zachary Port, Sameer Chaudhari, Marc Roelke, Constantinos Costeas, RWJ Newark Beth Israel Medical Center, Newark, NJ, USA

407 - Transient Brugada Pattern in Diabetic Ketoacidosis

Nikhil Mehta, Pranjali Sharma, Nashwa Abdulsalam, Michael Schinlever, Rochester Regional Health, Rochester, NY, USA





409 - Recurrent Atrial Myxoma, Right Atriectomy and Sinus Node Dysfunction  
Erwin E. Argueta, Kelly Ratheal, Sofia Kennedy, Olusegun Oyenuga, Ralph Paone, Texas Tech University Health Sciences Center, Lubbock, TX, USA

410 - Syncope With Phenytoin: Sometimes It's Not a Seizure!  
Margaret Fuchs, Peter Brady, Mayo Clinic, Rochester, MN, USA

411 - Vagal Nerve Stimulator Therapy: An Unusual Cause of Symptomatic Bradycardia  
Amudhan Jyothidasan, Abhishek Garg, Arun Nagabandi, Robert Sorrentino, Medical College of Georgia, Augusta, GA, USA, University of Texas Medical Branch, Galveston, TX, USA

412 - Misleading Leads: Hemothorax From Very Late Spontaneous Coronary Sinus Lead Perforation 13 Years After CRT-D Implantation  
James Monaco, Jaret Tyler, Subha Raman, Ohio State University Medical Center, Columbus, OH, USA

413 - Intractable Ventricular Tachycardia Secondary to Right Ventricular Outflow Tract Embryonal Rhabdomyosarcoma  
Martin Miguel Inocencio Amor, Apoor Patel, Michael Graver, North Shore University Hospital, Manhasset, NY, USA

414 - Ventricular Tachycardia in a Patient With Coexisting Brugada Syndrome and Coronary Vasospasm  
Kunal M. Patel, Rahul Vasudev, Upamanyu Rampal, Hiten Patel, Hartaj Virk, Faye Shamo, Satish Tiyyagura, New York Medical College, Paterson, NJ, USA

415 - An Unusual Case of Far-Field P-Wave Oversensing Leading to Ventricular Overpacing and Undersensing of Sustained Ventricular Tachycardia  
Jason Hoff, Ingrid Mitchell, Dale Isaef, Ravi Mandapati, Tahmeed Contractor, Loma Linda University Medical Center, Loma Linda, CA, USA

416 - Drug Induced QT Prolongation With Arsenic Trioxide in the Treatment of Acute Promyelocytic Leukemia  
Benjamin B. Holmes, Kristopher Swiger, Juan Estrada, Vanderbilt Heart & Vascular Institute, Nashville, TN, USA

417 - So Excited He Just Can't Hide It: Acquired Fasciculoventricular Preexcitation in Danon Disease  
Shashank Behere, Joel Temple, Nemours/Alfred I. duPont Hospital for Children, Wilmington, DE, USA

408 - Treating Sustained Ventricular Tachycardia With Digoxin  
Nikhil Mehta, Abdul Wahab, Amr Salama, Gerald Ryan, Rochester Regional Health, Rochester, NY, USA

418 - Alternating Bundle Branch Block: Clinical Considerations  
Ankeet Bhatt, Sunil Rao, Margaret Infeld, Stephen Greene, Andrew Ambrosy, James Daubert, Duke University Medical Center, Durham, NC, USA

419 - Unusual Electrocardiographic Findings in an Infant With Extreme Hypercalcemia  
Pradeep Bangalore Prakash, Shashi Raj, University of Iowa Children's Hospital, Iowa City, IA, USA

420 - Myocardial Fragility in Ehlers Danlos Syndrome  
Vinisha Garg, Brian Rezvani, Malcolm Bersohn, Peyman Benharash, Janet Han, VA Greater Los Angeles Healthcare System, Los Angeles, CA, USA, UCLA, Los Angeles, CA, USA

421 - Torsades de Pointes Following Insulin Infusion in a Patient With Hyperosmolar Hyperglycemic State  
Justin Shipman, Aalap Narichania, Dan Sorajja, Mayo Clinic, Scottsdale, AZ, USA

422 - Ventricular Tachycardia Triggered by Loperamide and Famotidine Abuse  
Timothy R. Larsen, Jediah McMunn, Hala Ahmad, Soufian Almahameed, Virginia Tech Carilion School of Medicine, Roanoke, VA, USA

378 - Neurogenic Orthostatic Hypotension as an Unexpected Etiology of Recurrent Syncope Obscured by Atrial Flutter  
Krittapoom Akrawinhawong, Krystyna Majkut, Nauman Khalid, Scott Ferreira, Ali Mehdirad, St. Louis University School of Medicine, St. Louis, MO, USA

423 - Sarcoidosis Presenting as Complete Heart Block in a Young Morbidly Obese Patient With Severe Obstructive Sleep Apnea and on Beta Blocker  
Natrai Katta, Sandeep Gautam, Rachel Littrell, University of Missouri School of Medicine, Columbia, MO, USA

424 - Wide Complex Tachycardia in a 51-Year-Old Man: Ventricular Tachycardia Until Proven Otherwise?  
Junaid Ahmed Zaman, Sandeep Nair, Ali Sovari, Charles Swerdlow, Sumeet Chugh, Eugenio Cingolani, Michael Shehata, Xunzhang Wang, Ashkan Ehsaie, Eli Gang, Cedars Sinai Medical Center, Los Angeles, CA, USA

425 - Sudden Cardiac Arrest in a Patient With Thyroid Storm  
Gunjan Banga, Charlene Lai, Michael McCulloch, Anthony Gannon, Joel Temple, Nemours/Alfred I. duPont Hospital for Children, Wilmington, DE, USA

426 - Depression and Atrial Fibrillation: A Case-Report of Intentional Flecainide Overdose  
Mayank Sardana, David McManus, University of Massachusetts Medical School, Worcester, MA, USA

427 - Hiatal Hernia: An Unconventional but Potentially Curable Cause of Atrial Arrhythmias  
Manmohan Singh, Said Ashraf, Rajeev Sudhakar, Luis Afonso, Wayne State University, Detroit, MI, USA

428 - Hydroxychloroquine Overdose Presenting as Acquired QT Interval Prolongation and Torsade de Pointes  
Ifesinachi Ndukwu, Mehrdad Ghahramani, Penn State Hershey Medical Center, Hershey, PA, USA

374 - Sources of Inappropriate ICD Shocks, Look for Inside and Outside of the Heart  
Thein T. Aung, Atif Hassan, Abdul Wase, Samuel Roberto, Wright State University, Dayton, OH, USA

429 - T Wave Alternans and Torsade de Pointes: The Fatal Twist  
Olga Tarasova, Bipinpreet Nagra, Daniel Goldsmith, Capital Health, Trenton, NJ, USA

430 - Atrial Fibrillation Associated to Wpw Syndrome in a Patient With Concomitant Brugada Syndrome  
Dan Hu, Shaobo Shi, Tao Liu, Hector Barajas, Ryan Pfeiffer, Hong Jiang, Congxin Huang, Masonic Medical Research Laboratory, Utica, NY, USA

431 - Third Degree Heart Block as the Initial Presentation of Cardiac Sarcoidosis  
David Kim, Carl Musser, Carilion Clinic VTC, Roanoke, VA, USA

432 - A Case of Brugada Syndrome Diagnosed After Conversion of Seemingly Lone Atrial Fibrillation  
Nikolay Mironov, Evgeny Maykov, Nikolay Shlevkov, Vyacheslav Kiktev, Kirill Gruzdev, Vladislav Vlodzyanovsky, Sergey Bakalov, Sergey Golitsyn, Russian Cardiology Research Complex, Moscow, Russian Federation



### Special - Poster Contributions

#### Session #1207

#### Interdisciplinary Cardiovascular Team Collaboratives in Care

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

#### 443 - Complicated Mitral Valve Endocarditis

Fabio Chirillo, Federica Calabrò, Alessandro De Leo, Michele Fusaro, Alessandro Daniotti, Giuseppe Minniti, Piergiorgio Scotton, Zoran Olivari, Ca' Foncello Hospital, Treviso, Italy

#### 444 - Multidisciplinary Cardiovascular Team Review Captures Preclinical Disease

Mariam Kashani, Arn Eliasson, Elaine Walizer, Claire Fuller, Nancy Tschiltz, Ellen Turner, Marilyn Grunewald, Joy Halsey, Renata J. M. Engler, Todd Villines, Marina Vernalis, Walter Reed National Military Medical Center, Bethesda, MD, USA

#### 445 - Leveraging Our Strengths: Clinical Pharmacist Mediated PCSK9 Utilization

Vicki L. Groo, Amer Ardadi, JoAnn Stubbings, University of Illinois at Chicago, Chicago, IL, USA

#### 446 - Poor Adherence in Young Patients With Heart Failure

Karen Vuckovic, Vicki Groo, Rebecca Schuetz, Carolyn Dickens, Thomas Stamos, University of Illinois, Chicago, IL, USA

#### 447 - Management of Obesity in Patients With Diastolic Dysfunction

Dave L. Dixon, Cory Trankle, Leo Buckley, Salvatore Carbone, Antonio Abbate, Virginia Commonwealth University, Richmond, VA, USA, VCU Health Pauley Heart Center, Richmond, VA, USA

#### 448 - Multidisciplinary Heart Failure Transitional Care Team to Impact Readmissions

Robin Fortman, Michelle Fine, Amanda Vlcek, Paul Goetz, Josie Rhoades, Corrine Benacka, Raja Mutharasan, Northwestern University, Chicago, IL, USA

#### 449 - Intravenous Furosemide in the Ambulatory Setting for the Management of a Complex Heart Failure Patient

Cassandra D. Benge, Jessica Wallace, Henry Ooi, Deborah Cole, William Stone, VA Tennessee Valley Healthcare System, Nashville, TN, USA, Lipscomb University College of Pharmacy, Nashville, TN, USA

#### 450 - An Interdisciplinary Approach to a Successful Transition Home: Heart Failure Transitions Program

Kena J. Lanham, Barbara K. Hinch, Rush University Medical Center, Chicago, IL, USA

#### 451 - Heparin Induced Thrombocytopenia With Thrombosis: A Case Study

Eman Younis, Rayf S. Abualezz, Sahal I. Khoshhal, Prince Mohamed bin Abdulaziz Hospital, Al-Madinah Al-Munawarah, Saudi Arabia

### Special - Poster Contributions

#### Session #1051

#### ACC International Conferences Best Posters

Saturday, March 18, 2017, 9:30 a.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

9:30 a.m.

To view full abstracts of the ACC International Best Posters, please search for session 1050 in the ACC.17 App or Online Program Planner.

### Valvular Heart Disease - Poster Contributions

#### Session #1184

#### Valvular Heart Disease: Aortic Regurgitation

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

#### 025 - Identification of Human Aortic Valve Leaflet Genes Associated With Disruption of Homeostasis in Aortic Regurgitation and Aortic Stenosis Patients

Katsuhide Maeda, Xiaoyuan Ma, Christina L. Greene, Frank L. Hanley, R. Kirk Riemer, Stanford University, Stanford, CA, USA

#### 026 - Analysis of Diastolic Vortex Flow as a Marker of Ventricular Deterioration in Aortic Regurgitation

Eyal Ben-Assa, Giuseppe Di Labbio, Julio Garcia, Elazer R. Edelman, Lyes Kadem, Massachusetts Institute of Technology, Cambridge, MA, USA, Concordia University, Montreal, Canada

#### 027 - Etiology, Patient Characteristics and Surgical Outcomes of Acute Severe Aortic Regurgitation

Mohammad Maysara Asfari, Serge Harb, Yuping Wu, Andrew Higgins, Gosta Pettersson, Steve Gordon, Brian Griffin, Nabin Shrestha, Wael Jaber, Venu Menon, Cleveland Clinic, Cleveland, OH, USA

#### 028 - Left Ventricular Mechanical Properties in Patients With Severe Aortic Insufficiency and Normal Ejection Fraction: Impact on Survival

Akhil Narang, Noreen Nazir, Kirk Spencer, Victor Mor-Avi, Roberto Lang, Karima Addetia, University of Chicago, Chicago, IL, USA

### Valvular Heart Disease - Poster Contributions

#### Session #1185

#### Changing the Natural History of Valve Disease With Medical Therapy

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

#### 029 - Statins Use and Long Term Outcome Post Surgical Aortic Valve Replacement

Amer Hawatmeh, Mohammad Thawabi, Ahmad Abuarqoub, Ibrahim Khaddash, Sarah Studyvin, Mirette Habib, Faye Shamoon, Marc Cohen, Newark Beth Israel Medical Center, Newark, NJ, USA, St. Joseph Regional Medical Center, Paterson, NJ, USA

#### 030 - Zoledronic Acid Inhibits Aortic Valve Calcification: A PET/CT Study

Andreas Synetos, Konstantinos Toutouzias, Maria I. Drakopoulou, Konstantinos Stathogiannis, Georgios Benetos, Iosif Koutagiar, George Agrogiannis, Efratios Patsouris, Constantinos Anagnostopoulos, Dennis Cokkinos, Dimitris Tousoulis, First Department of Cardiology, University of Athens, Athens, Greece

#### 031 - Association of Blood Glucose and Hemoglobin A1C Level With Surgical Outcomes: Should Glycemic Control Be Modified?

Niv Ad, Sari Holmes, Stephen Clement, Cardiac Vascular & Thoracic Surgery Associates, Falls Church, VA, USA

#### 032 - Rates of Mechanical Valve Thrombosis After Discontinuation of Anticoagulation

Pratik Kanabur, Onyedika Ilonze, Timothy Ball, Virginia Tech Carilion School of Medicine, Roanoke, VA, USA



### Vascular Medicine - Poster Contributions

#### Session #1205

#### Cutting Edge Vascular Medicine

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

353 - A Novel Necroptosis Inhibitors (Necrosulfonamide and Necrostatin-1s) Demonstrate Therapeutic Potential for Myocardial Ischemia-Reperfusion Injury

Yuri Dmitriev, Sarkis Minasian, Valentina Bayrasheva, Elena Demchenko, Michael Galagudza, Federal Almazov North-West Medical Research Centre, Saint-Petersburg, Russian Federation

354 - Rap1 Mediates Thrombin-Induced Proliferation and Focal Adhesion Formation in Smooth Muscle Cells

Bo Jiang, Jianhua Huang, Alokumar Pathak, George Stouffer, University of North Carolina, Chapel Hill, NC, USA

355 - Proprotein Convertase Subtilisin Kexin Type 9 Protein Expression Is Increased in Lipid Rich Human Atherosclerotic Plaques Compared to Fibrous Plaques

Purushothaman K-Raman, Meerarani Purushothaman, Prakash Krishnan, Usman Baber, Urooz Zafar, Annapoorna Kini, Samin Sharma, Juan Badimon, Valentin Fuster, Pedro Moreno, Icahn School of Medicine at Mount Sinai, New York, NY, USA

356 - Transmural Macrophage Migration in Tissue Engineered Vascular Graft Promotes Extracellular Matrix Formation for Vascular Remodeling More Than Host Circulating Inflammatory Cell Migration

Hideki Miyachi, Shuhei Tara, Tadahisa Sugiura, Tai Yi, Yong-Ung Lee, Avion Y. Lee, Shinka Miyamoto, Toshihiro Shoji, Christopher K. Breuer, Toshiharu Shinoka, Nationwide Children's Hospital, Columbus, OH, USA, QOL Research Center Laboratory, Gunze Limited, Kyoto, Japan

357 - Colchicine Inhibits Platelet Aggregation *In Vitro* by Interfering With Cofilin and LIM Domain Kinase 1, the Main Kinases Involved in Cytoskeleton Rearrangement

Giovanni Cimmino, Stefano Conte, Andrea Morello, Grazia Pellegrino, Alberto Morello, Saverio D'Elia, Gaetano Cali, Bruno Trimarco, Paolo Golino, Plinio Cirillo, Department of Cardiothoracic and Respiratory Sciences, Second University of Naples, Naples, Italy, Department of Advanced Biosciences, Section of Cardiology, University of Naples "Federico II", Naples, Italy

358 - Vitamin D Attenuates Myocardial Injury Following Ischemia Reperfusion via Modulates Erk1-2 Signaling Pathway

Nasser Ghaly Yousif, Najah Hadi, Fadhil Al-Amran, Noor Alhabooby, Colorado University, Aurora, CO, USA, Kufa Medical School, Kufa, Iraq

359 - A Meta-Analysis of Bivalirudin Versus Argatroban for the Treatment of Heparin-Induced Thrombocytopenia

Harold Rivner, Rajiv Parmar, Rhanderson Cardoso, University of Miami/Jackson Memorial Hospital, Miami, FL, USA

360 - Atheroprotective Effects of Tumor Necrosis Factor-Stimulated Gene-6

Rena Watanabe, Yui Takahashi, Miho Kojima, Remina Shirai, Kengo Sato, Takuya Watanabe, Laboratory of Cardiovascular Medicine, Tokyo University of Pharmacy and Life Sciences, Tokyo, Japan

361 - Familial Combined Hyperlipidemia Is Characterized by Higher Arterial AND Hepatic Fluorodeoxyglucose Uptake Compared to Heterozygous Familial Hypercholesterolemia

Koutagiar Peter Iosif, Konstantinos Toutouzias, Georgios Benetos, Nikolettia Pianou, Ioannis Skoumas, Alexandros Georgakopoulos, Spyridon Galanakis, Pavlos Kafouris, Angeliki Rigatou, Andreas Synetos, George Spyrou, Eleftherios Tsiamis, Michael Peters, Constantinos Anagnostopoulos, Dimitris Tousoulis, First Department of Cardiology, Medical School, University of

Athens, Hippokration Hospital, Athens, Greece, Biomedical Research Foundation Academy of Athens, Athens, Greece

362 - Pro-Atherogenic Properties of Plasma From Patients With Type 1 Diabetes Mellitus: Effects on Macrophage Lipid Handling

Joshua R. DeLeon, Jorge Mejia Corletto, Siham Accacha, Iryna Voloshyna, Nicolle Siegart, Lora Kasselmann, Mariano Castro Magana, Allison Reiss, Winthrop-University Hospital, Mineola, NY, USA

### Acute and Stable Ischemic Heart Disease - Moderated Poster Contributions

#### Session #1217M

#### Blips, Tropes, and Chips: New Ways to Diagnose CAD

Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.

Acute and Stable Ischemic Heart Disease Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Maureen B. Julien

ACC Poster Moderator: Allan Jaffe

9:45 a.m.

Incremental Diagnostic Accuracy of High Frequency QRS Analysis Over ST-Analysis for Myocardial Ischemia: Multi-Center Prospective Cohort

Pelbreton Balfour, George Beller, Jamieson Bourque, University of Virginia, Charlottesville, VA, USA

9:55 a.m.

Question and Answer

10:00 a.m.

High-Sensitivity Cardiac Troponin I and the Diagnosis of Obstructive Coronary Artery Disease in Patients With Suspected Stable Angina

Philip D. Adamson, Amanda Hunter, Anoop Shah, David McAllister, Tania Pawade, Michelle Williams, Edwin Van Beek, Nicholas Mills, David Newby, University of Edinburgh, Edinburgh, United Kingdom

10:10 a.m.

Question and Answer

10:15 a.m.

Artificial Intelligence to Diagnose Acute Coronary Syndromes: Insights From a Meta-Analysis of Machine Learning

Thao Huynh, Patrick Iannatone, Xun Zhao, Philippe Minh Tri Nguyen, McGill Health University, Montreal, Canada

10:25 a.m.

Question and Answer

### Arrhythmias and Clinical EP - Moderated Poster Contributions

#### Session #1213M

#### ECG Screening and Risk Prediction

Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.

Arrhythmias and Clinical EP Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Francesco Fedele

ACC Poster Moderator: Sherry Saxonhouse

9:45 a.m.

ECG Screening of Young Adults for Sudden Cardiac Death Risk in Primary Care Offices

Joseph C. Marek, Kathleen A. Marek, Jeffrey M. Marek, Peter Liber, Frank Zimmerman, Victor Froelicher, Advocate Heart Institute, Downers Grove, IL, USA, YH4L, Oakbrook Terrace, IL, USA

9:55 a.m.

Question and Answer



10:00 a.m.

Wolff-Parkinson-White Pattern and Sudden Cardiac Death: A Retrospective Cohort Community Study From Olmsted County, Minnesota  
Karolain Garcia, Peter Brady, Thomas Munger, Virend Somers, Anwar Chahal, Mayo Clinic, Rochester, MN, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Cardiac Arrest and Non-Fatal Myocardial Injury Among Marathon Runners: 15 Years' Experience of the Hong Kong Standard Chartered Marathon  
Kit Chan, Kuang An Wan, Sai Chau Leung, Jessica Wai Ling Poon, Natalie Leung, Ngai Shing Mok, Yuk Kong Lau, Ruttonjee and Tang Shiu Kin Hospitals, Wan Chai, Hong Kong

10:25 a.m.

Question and Answer

### Heart Failure and Cardiomyopathies - Moderated Poster Contributions

#### Session #1216M

##### The Old and the New: Impact of Heart Failure Drug Therapies

Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Edo Y. Birati

ACC Poster Moderator: Akshay S. Desai

9:45 a.m.

Influence of Sacubitril/Valsartan on Glycemic Control in Patients With Type 2 Diabetes and Heart Failure With Reduced Ejection Fraction  
Jelena Seferovic, Sara Seidelmann, Brian Clagett, Milton Packer, Michael Zile, Jean Rouleau, Karl Swedberg, Martin Lefkowitz, Victor Shi, Akshay S. Desai, John J. V. McMurray, Scott Solomon, Brigham and Women's Hospital, Boston, MA, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Safety of Alpha Blockers in Patients With Heart Failure  
Alberta L. Warner, Zunera Ghaznavi, Lingyun Lu, Cynthia Jackevicius, VA Greater Los Angeles, Los Angeles, CA, USA, UCLA, Los Angeles, CA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Liraglutide and Weight Loss Among Patients With Advanced Heart Failure and a Reduced Ejection Fraction: Insights From the FIGHT Trial  
Andrew P. Ambrosy, Abhinav Sharma, Steven McNulty, Barry Borlaug, Thomas Cappola, Lauren Cooper, Adam DeVore, Shannon Dunlay, Anu Lala-Trindade, Kenneth Margulies, Robert Mentz, Eric Velazquez, Duke University Medical Center, Durham, NC, USA, Duke Clinical Research Institute, Durham, NY, USA

10:25 a.m.

Question and Answer

### Interventional Cardiology - Moderated Poster Contributions

#### Session #1214M

##### PCI Strategies and Outcomes Unique to Women

Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.

Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Alope V. Finn

ACC Poster Moderator: Connie Ng Hess

9:45 a.m.

Early Invasive Strategy Versus Initial Conservative Strategy in Women With Non-ST-Elevation Acute Coronary Syndrome: A Propensity Score Matched Nationwide Analysis  
Islam Elgendy, Ahmed Mahmoud, Hend Mansoor, Anthony Bavry, University of Florida, Gainesville, FL, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Postpartum and Pregnancy-Associated Spontaneous Coronary Artery Dissection: Presentation, Clinical Features and Outcomes  
Marysia S. Tweet, Sharonne Hayes, Elisabeth Codsí, Rajiv Gulati, Carl H. Rose, Patricia Best, Mayo Clinic, Rochester, MN, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Sex Differences in Outcomes After Stenting or Bypass Surgery for Unprotected Left Main Disease  
Gregg W. Stone, Rafael Cavalcante, Ari P. Kappetein, Joseph Sabik, Adrian Banning, David Taggart, Manel Sabate, Jose Polmar, Piet Boonstra, Nicholas Lembo, Charles Simonton, Yoshinobu Onuma, Patrick W. Serruys, Cardiovascular Research Foundation, New York, NY, USA

10:25 a.m.

Question and Answer

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Moderated Poster Contributions

#### Session #1215M

##### Advances in Imaging to Assess Cardiotoxicity

Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.

Non Invasive Imaging Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Monika J. Leja

ACC Poster Moderator: Marielle Scherrer-Crosbie

9:45 a.m.

Decreases in Left Ventricular Mass and Not Left Ventricular Ejection Fraction Are Associated With Heart Failure Symptoms in Cancer Patients Six Months After Potentially Cardiotoxic Chemotherapy  
Jennifer H. Jordan, Giselle Melendez, Cynthia Suerken, Ralph D'Agostino, W. Hundley, Wake Forest School of Medicine, Winston-Salem, NC, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Speckle-Tracking Strain Imaging in Breast Cancer Patients Treated With Newer Non-Anthracycline, Trastuzumab-Based Regimens  
Elizabeth Grier, Siri Kunchakarra, Sumeet Mitter, Nicholas Furiase, Nausheen Akhter, Northwestern University Feinberg School of Medicine, Division of Cardiology, Chicago, IL, USA



10:10 a.m.  
Question and Answer

10:15 a.m.  
<sup>99m</sup>Tc-Duramycin Imaging Detects Doxorubicin Cardiac Injury Before Onset of Ventricular Dysfunction  
Takehiro Nakahara, Artiom D. Petrov, Takashi Tanimoto, Nezam Haider, Navneet Narula, Farhan Chaudhry, Jeffrey A. Mattis, Brian D. Gray, Koon Yan Pak, Gagan Sahai, Anry Terersten, Aarti Bhardwaj, Partho Sengupta, Marc Dweck, Harry Strauss, Jagat Narula, Icahn School of Medicine at Mount Sinai, New York, NY, USA

10:25 a.m.  
Question and Answer

**Non-Certified Industry Events - Learning Destinations**  
**Session #4206**  
**Innovation Stage Presentation**  
Saturday, March 18, 2017, 9:45 a.m. - 10:15 a.m.  
Expo Hall 1357  
CME Hours: /CNE Hours:

9:45 a.m.  
Innovation Stage Presentation

**Non-Certified Industry Events - Learning Destinations**  
**Session #4115**  
**Identifying the nOH Patient in the Cardiology Clinic**  
Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.  
Expo Hall 413  
CME Hours: /CNE Hours:

9:45 a.m.  
Identifying the nOH Patient in the Cardiology Clinic

**Non-Certified Industry Events - Learning Destinations**  
**Session #4318**  
**CardioSmart Patient Engagement Presentation**  
Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.  
Expo Hall 1154  
CME Hours: /CNE Hours:

CardioSmart Patient Engagement Presentation

**Non-Certified Industry Events - Learning Destinations**  
**Session #4004**  
**Putting Guidelines Into Practice: New Recommendations for Optimal Treatment of Heart Failure With Reduced Ejection Fraction (HFrEF)**  
Saturday, March 18, 2017, 9:45 a.m. - 10:45 a.m.  
Expo Hall 1955  
CME Hours: /CNE Hours:

9:45 a.m.  
Putting Guidelines Into Practice: New Recommendations for Optimal Treatment of Heart Failure With Reduced Ejection Fraction (HFrEF)  
Richard F. Wright  
Santa Monica, CA

9:45 a.m.  
Putting Guidelines Into Practice: New Recommendations for Optimal Treatment of Heart Failure With Reduced Ejection Fraction (HFrEF)  
Alan L. Gass  
Valhalla, NY

9:45 a.m.  
Putting Guidelines Into Practice: New Recommendations for Optimal Treatment of Heart Failure With Reduced Ejection Fraction (HFrEF)  
Nancy M. Albert  
Chesterland, OH

**Non-Certified Industry Events - Learning Destinations**  
**Session #4012**  
**Industry-Expert Theater 2 Presentation**  
Saturday, March 18, 2017, 9:45 a.m. - 10:45 a.m.  
Expo Hall 2255  
CME Hours: /CNE Hours:

9:45 a.m.  
A Look at Interpreting CVOT Summaries  
Howard Weintraub  
New York, NY

**Prevention - Moderated Poster Contributions**  
**Session #1210M**  
**Physical Activity and Prevention of Cardiometabolic Disease: Exercise Is Medicine**  
Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.  
Prevention Moderated Poster Theater, Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Brendan Everett

9:45 a.m.  
Physical Activity Level Changes and the Occurrence of Non-Alcoholic Fatty-Liver Disease: A Prospective Longitudinal Follow Up Study  
Marcio Sommer Bittencourt, Raphael M. Ritti-Dias, Aline Gerage, Gabriel G. Cucato, Raquel Conceicao, Raul Santos, Hospital Israelita Albert Einstein, Sao Paulo, Brazil, Faculdade Israelita de Ciencias da Saude, Sao Paulo, Brazil

9:55 a.m.  
Question and Answer

10:00 a.m.  
Referral for Pharmacologic Testing, a Marker of Poor Exercise Capacity, Confers a Higher Risk of Short and Long Term Mortality Than Most Traditional Cardiac Risk Factors Except Age  
Serge C. Harb, Yuping Wu, Leslie Cho, Carol Rouphael, Paul Cremer, Venu Menon, Wael Jaber, Cleveland Clinic, Cleveland, OH, USA

10:10 a.m.  
Question and Answer

10:15 a.m.  
The Impact of Lifelong Exercise Training "Dose" on the Ventricular-Arterial Coupling  
Michinari Hieda, Erin Howden, Satyam Sarma, Takashi Tarumi, Dean Palmer, Justin Lawley, Christopher Hearon Jr., Ashley Hardin, Qi Fu, Rong Zhang, Benjamin D. Levine, UT Southwestern Medical Center, Institute for Exercise and Environmental Medicine, Dallas, TX, USA

10:25 a.m.  
Question and Answer

**Pulmonary Hypertension and Venous Thrombo-embolic Disease - Moderated Poster Contributions**  
**Session #1208M**  
**Bridge From the Basics: Translational Research in Pulmonary Hypertension**  
Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.  
Congenital Heart Disease and Pulmonary Hypertension Moderated Poster Theater, Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Lewis Rubin  
ACC Poster Moderator: Scott Visovatti

9:45 a.m.  
Platelet Derived Growth Factor Promotes the Warburg Effect in Pulmonary Arterial Smooth Muscle Cells via Activating the Phosphatidylinositol 3-Kinase Signaling Pathway and Hypoxia-Inducible Factor 1-Alpha





Yunbin Xiao, Hongyan Peng, Xuping Qin, Zhi Chen, Chenliang Hong, Xicheng Deng, Jinwen Luo, Department of Cardiology, Hunan Children's Hospital, Changsha, People's Republic of China, Institute of Pharmacy and Pharmacology, University of South China, Hengyang, People's Republic of China

9:55 a.m.

Question and Answer

10:00 a.m.

Role of Microtubule Cytoskeleton as a Novel Target Against Hypoxia Induced Pulmonary Hypertension

Gurdeep Atwal, Ying Sun, Jiwang Chen, Yulia Komarova, University of Illinois at Chicago, Chicago, IL, USA

10:10 a.m.

Question and Answer

10:15 a.m.

What Kind of Mesenchymal Stem Cell Is Promising in the Prevention of Pulmonary Arterial Hypertension in a Murine Model?

Seungbum Choi, Seyeon Oh, Sehyun Chae, Jeongsik Moon, Kyung-Hee Kim, Bo Ram Choi, Myeong Gun Kim, Sihun Kim, Minsu Kim, Youngwoo Jang, Daehee Hwang, Kyunghee Byun, Wook-Jin Chung, Gachon Cardiovascular Research Institute, Incheon, South Korea

10:25 a.m.

Question and Answer

### Special - Moderated Poster Contributions

#### Session #1219M

#### FIT Clinical Decision Making: Heart Failure and Cardiomyopathies

Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.

Spotlight on Special Categories Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Selim R. Krim

ACC Poster Moderator: Eldrin F. Lewis

9:45 a.m.

SynCardia Meets CardioMEMS: A Loeffler's Story

Priyanka Sen, Nadeen Faza, Roberta Bogaev, Leo Simpson, Masahiro Ono, Jeffrey Morgan, O. Howard Frazier, Francisco Arabia, Andrew Civitello, Ajith Nair, Texas Heart Institute at Baylor St. Luke's, Houston, TX, USA, Baylor College of Medicine, Houston, TX, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Cardiac Amyloidosis Masquerading as Hypertrophic Cardiomyopathy: The Importance of Multimodality Imaging

Dhruv Chawla, Omar Cheema, A. Jamil Tajik, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

10:10 a.m.

Question and Answer

10:15 a.m.

A Case of Familial Dilated Cardiomyopathy With a Reversible Phenotype: The Utility of Genetic Testing and Genotype-Specific Treatment

Victoria Mary Robinson, Omar Asghar, Luigi Venetucci, Sahrkaw Muhyaldein, Manchester Heart Centre, The Manchester Royal Infirmary, Manchester, United Kingdom, The University of Manchester, Manchester, United Kingdom

10:25 a.m.

Question and Answer

### Special - Gaming

#### Session #6004

#### Engage @ ACC.17 Studio: FIT Jeopardy Battle of the State Chapters III

Saturday, March 18, 2017, 9:45 a.m. - 11:45 a.m.

Engage @ ACC.17 Studio, Hall C

CME Hours: 2 /CNE Hours: 2

9:45 a.m.

FIT Jeopardy: Battle of the State Chapters: Semi-Finals

9:45 a.m.

Judge

Rajesh Janardhanan  
Tucson, AZ

9:45 a.m.

Moderator

Firas J. Al Badarin  
Kansas City, MO

10:15 a.m.

Moderator

Faisal Latif  
Oklahoma City, OK

10:45 a.m.

Moderator

Lorrel E. Brown  
Louisville, KY

11:15 a.m.

Moderator

Jordan Glanzman Safirstein  
Mountain Lakes, NJ

### Valvular Heart Disease - Moderated Poster Contributions

#### Session #1209M

#### Sex Disparity in VHD Outcomes

Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.

Valvular Heart Disease Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Elizabeth A. Jackson

ACC Poster Moderator: Kathryn Lindley

9:45 a.m.

The Impact of Gender on In-Hospital Clinical Outcomes Following Isolated Mitral or Aortic Heart Valve Surgery

Shing-Chiu Wong, Ilhwan Yeo, Luke Kim, Harsimran Singh, Robert Minutello, Jeffrey Bergman, Dmitry Feldman, Weill Cornell Medical College, New York, NY, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Gender Differences in Isolated Tricuspid Valve Surgery

Pranav Chandrashekar, Chad Zack, Erin Fender, Rick Nishimura, Mayo Clinic, Rochester, MN, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Contemporary Trends and Outcomes of Isolated Aortic Valve Replacement in Females in The United States: Understanding the Gender Gap

Fahad Alqahtani, Vinay Badhwar, Ahmed Almustafa, Sami Aljohani, Zakeih Chaker, Almoutassim Trabulsi, Ali Hama Amin, Mohammad Akram Kawsara,



Mohamad Alkhouli, West Virginia University Heart and Vascular Institute,  
Morgantown, WV, USA

10:25 a.m.  
Question and Answer

### Vascular Medicine - Moderated Poster Contributions

#### Session #1218M

#### Advances in Pathophysiology and Treatment of Thrombosis

Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.

Vascular Medicine Moderated Poster Theater, Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Joe F. Lau  
ACC Poster Moderator: Gregory Piazza

9:45 a.m.  
Comparative Study on Catheter-Directed Thrombolysis - Continuous Tissue  
Plasminogen Activator Versus Angiojet Catheter Power Pulse Spray Rheolytic  
Thrombectomy Outcome Study: Single-Center Experience  
Khalil Odeh, Rafath Ullah, Hani Hashim, Susan Olet, Tanvir Bajwa, Suhail  
Allaqaband, M. Fuad Jan, Aurora Cardiovascular Services, Aurora  
Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

9:55 a.m.  
Question and Answer

10:00 a.m.  
Risk of Cancer After Lower Limb Arterial Thrombosis: A Population-Based  
Cohort Study  
Jens Sundboll, Erzsébet Horváth-Puhó, Kasper Adelborg, Henrik Toft  
Sorensen, Aarhus University Hospital, Aarhus, Denmark

10:10 a.m.  
Question and Answer

10:15 a.m.  
Intracranial Hemorrhage in Patients Treated With Catheter Directed  
Thrombolysis  
Vladimir Lakhter, Chad Zack, Satyajit Reddy, Saurav Chatterjee, Vikas  
Aggarwal, Paul Katz, Riyaz Bashir, Temple University Hospital, Philadelphia,  
PA, USA

10:25 a.m.  
Question and Answer

### Non-Certified Industry Events - Learning Destinations

#### Session #4104

#### VAD Technology Workshop

Saturday, March 18, 2017, 10 a.m. - 10:45 a.m.

Expo Hall 1849

CME Hours: /CNE Hours:

10:00 a.m.  
VAD Technology Workshop

### Acute and Stable Ischemic Heart Disease - Scientific

#### Session #666

#### The Art and the Science of Decision Making in Coronary Artery Disease

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 143 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jacqueline Tamis-Holland  
Co-Chair: Harvey D. White Zealand  
Panelist: Emily Anastasia

10:45 a.m.  
The Decision Case Presentation: New-onset Atrial Fibrillation Following PCI  
with DES

Arpit Shah

10:50 a.m.  
The Science: Novel Anticoagulants in Patients with Coronary Artery Disease  
and Prior Stents  
Matthew Sherwood  
Durham, NC

11:05 a.m.  
The Art: Single, Dual, or Triple Therapy - What is Best?  
Christopher Granger  
Durham, NC

11:15 a.m.  
The Decision Case Presentation: Atypical Symptoms with Elevated High-  
sensitivity Troponin--ACS or not?  
Preethi William  
Tucson, AZ

11:20 a.m.  
The Science: High-sensitivity Troponin  
Allan Jaffe  
Rochester, MN

11:35 a.m.  
The Art: To Be or not to Be an MI? How Do I Define Thee?  
Joseph Alpert  
Tucson, AZ

11:45 a.m.  
The Decision Case Presentation: Low-intermediate Risk Chest Pain  
Joe Xie  
Atlanta, GA

11:50 a.m.  
The Science: Anatomic vs Functional Assessment of Coronary Artery Disease  
Melissa Daubert  
Durham, NC

12:05 p.m.  
The Art: The Beauty of a Test is in the Eye of the Beholder  
Leslee Shaw  
Atlanta, GA

### Acute and Stable Ischemic Heart Disease - Scientific Session #667

#### Logistical Challenges in STEMI

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 150 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mazen Abu-Fadel  
Co-Chair: Timothy Henry  
Panelist: Eric Bates  
Panelist: Peter Berger  
Panelist: Denise Busman  
Panelist: Ivan Rokos

10:45 a.m.  
Fit Case # 1: Post-Operative STEMI  
Bertrand Mukete  
New York, NY

10:50 a.m.  
Panel Discussion Including ARS Questions and Case Presentation Outcome

11:08 a.m.  
Fit Case #2: Cardiac Arrest Patient in A Hospital Without Primary PCI  
Capability



Richard Cheng  
Los Angeles, CA

11:13 a.m.  
Panel Discussion Including ARS Questions and Case Presentation Outcome

11:30 a.m.  
Fit Case #3: Patient Presenting with Simultaneous STEMI and CVA  
Carlos Calle Muller  
Detroit, MI

11:35 a.m.  
Panel Discussion Including ARS Questions and Case Presentation Outcome

11:52 a.m.  
Fit Case #4: Elderly Patient Presenting in Cardiogenic Shock without Reachable Family  
Mina Owlia  
New York, NY

11:57 a.m.  
Panel Discussion Including ARS Questions and Case Presentation Outcome

### Acute and Stable Ischemic Heart Disease - Core Curriculum

#### Session #809

##### Core Curriculum: ACS: What Would You Do?

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 151 A

CME Hours: 1.5 /CNE Hours: 1.5

Chair: Timothy A. Mixon

10:45 a.m.  
MI with Non-obstructive CAD: Management Strategies  
Harmony R. Reynolds  
New York, NY

11:10 a.m.  
Pharmacologic Options: Update on Antiplatelet Therapies in ACS  
Subhash Banerjee  
Dallas, TX

11:35 a.m.  
Cath Lab Nightmare Cases: When Time is of the Essence  
Paul Sorajja  
Minneapolis, MN

12:00 p.m.  
Question and Answer

### Arrhythmias and Clinical EP - Scientific

#### Session #664

##### Quickfire ECG for Experts

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Ballroom C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Peter Brady  
Co-Chair: William Stevenson  
Panelist: Kenneth A. Ellenbogen  
Panelist: N. A. Mark Estes, III  
Panelist: Sami Viskin  
Panelist: Paul Wang  
Panelist: Jeanne E. Poole

### Arrhythmias and Clinical EP - Scientific

#### Session #665

##### Tough Clinical Problems in Patients with Implantable Electronic Devices

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 146 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Andrew Grace  
Co-Chair: Sherry Saxonhouse

10:45 a.m.  
Clinical Implications from New Insights into CRT  
Mitchell Faddis

10:57 a.m.  
Question and Answer

11:07 a.m.  
His Bundle Pacing; The New Kid on the Block: Who, When and How  
Pugazhendhi Vijayaraman  
Wilkes-Barre, PA

11:19 a.m.  
Question and Answer

11:29 a.m.  
How to Do MRIs in Patients with Implantable Devices  
Saman Nazarian  
Bryn Mawr, PA

11:41 a.m.  
Question and Answer

11:51 a.m.  
Who Needs a Leadless Pacemaker?  
Yong-Mei Cha  
Rochester, MN

12:03 p.m.  
Question and Answer

### Congenital Heart Disease - Scientific

#### Session #668

##### Exercise in Congenital Heart Disease

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 146 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: W. Kay  
Co-Chair: Richard Williams

10:45 a.m.  
The 5 Most Controversial Changes in the AHA/ACC Guidelines for Exercise in Congenital Heart Disease  
Julianne K. Evangelista

11:00 a.m.  
A Practical Approach to Exercise Recommendations in Congenital Heart Disease  
Arwa Saidi  
Gainesville, FL

11:15 a.m.  
Weightlifting and Congenital Heart Disease: Getting the Pump Pumped Up  
Stephen Paridon  
Philadelphia, PA

11:30 a.m.  
US Military Service and Congenital Heart Disease: Who Can Serve in Uniform and Why



Chad Mao  
Atlanta, GA

11:45 a.m.  
Put Me in Coach: Playing Sports with Congenital Heart Disease  
Rachel Ennis  
Washington, DC

12:00 p.m.  
Question and Answer

**Heart Failure and Cardiomyopathies - Hands-on Skills Learning  
Session #1511**  
**Personalized Skills Center: Hands-On Simulation - Heart Failure and  
Valvular Heart Disease**  
Saturday, March 18, 2017, 10:45 a.m. - 11:45 a.m.  
Personalized Skills Center, East Salon AB  
CME Hours: /CNE Hours:

10:45 a.m.  
Heart Failure and Valvular Heart Disease  
Matthew W. Martinez  
Allentown, PA

**Heart Failure and Cardiomyopathies - Scientific  
Session #669**  
**Distinct Phenotypes in HFrEF: Beyond Ejection Fraction**  
Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.  
Room 144 A  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Anita Deswal  
Co-Chair: Paul J. Mather

10:45 a.m.  
Diagnostic Evaluation of Patients with Dyspnea and Normal LVEF  
John Gorcsan

10:57 a.m.  
The Challenge of ATTR Cardiac Amyloid: Is it Treatable?  
Mathew Maurer  
New York, NY

11:09 a.m.  
Management of patients with HFrEF and Pulmonary HTN  
Myung Park  
Houston, TX

11:21 a.m.  
Case Presentation  
Barry Borlaug  
Rochester, MN

11:26 a.m.  
Case Discussion

11:34 a.m.  
Case Presentation  
Mathew Maurer  
New York, NY

11:39 a.m.  
Case Discussion

11:47 a.m.  
Case Presentation  
Tina Shah  
Houston, TX

11:53 a.m.  
Case Discussion

12:01 p.m.  
Case Presentation  
Selma Mohammed  
Washington, DC

12:06 p.m.  
Case Discussion

**Heart Failure and Cardiomyopathies - Scientific  
Session #670**  
**Heart Failure Patient Care: Transitioning the Cost, Care and Context:  
Joint Heart Failure Society of America and American College of  
Cardiology**  
Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.  
Room 146 B  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Paul A. Heidenreich  
Co-Chair: Marvin A. Konstam

10:45 a.m.  
Evolving Cost Models of Care—Who Pays and for What  
10:45 a.m.  
CMS Bundled Payments Initiative and Network Agreements or CMS  
Viewpoint  
Karen Joynt  
Boston, MA

10:55 a.m.  
What Constitutes "value care" in Heart Failure?  
Paul A. Heidenreich  
Palo Alto, CA

11:05 a.m.  
Question and Answer

11:15 a.m.  
**The Heart Failure Clinic Revisited**

11:15 a.m.  
Who Pays for the Infrastructure?  
Raja Kannan Mutharasan  
Chicago, IL

11:25 a.m.  
New Technology: Who, When and How?  
Wai Hong Wilson Tang  
Cleveland, OH

11:35 a.m.  
Question and Answer

11:45 a.m.  
**Team Management: Practicalities and Pitfalls**

11:45 a.m.  
Managing the Minutiae: PCP, ANP, RN, HFMD Singing Kumbaya  
Lorraine Evangelista  
Irvine, CA

11:55 a.m.  
The Caregiver: What Do They Need From the Team?  
Eric D. Adler  
San Diego, CA

12:05 p.m.  
Question and Answer



### Interventional Cardiology - Late-Breaking Clinical Trials

#### Session #405

#### Late-Breaking Clinical Trials: Interventional

Saturday, March 18, 2017, 10:45 a.m. - 12 p.m.

Hall D (Main Tent)

CME Hours: 1.25 /CNE Hours: 1.25

Chair: Martin B. Leon

Co-Chair: Morton J. Kern

Panelist: Antonio Colombo

Panelist: William Fuller Fearon

Panelist: Nils P. Johnson

Panelist: David E. Kandzari

Panelist: Roxana Mehran

Panelist: Eric Van Belle

10:45 a.m.

FFR Guided Acute Complete Revascularization Versus Culprit Lesion Only Treatment in Patients Presenting With ST-Segment Elevation Myocardial Infarction and Multi Vessel Disease: The COMPARE-ACUTE Trial  
Pieter Smits, Elmir Omerovic, Gert Richardt, Mohamed Abdel-Wahab, Bianca Boxma-de Klerk, Franz-Josef Neumann, for the COMPARE-ACUTE investigators, Department of Cardiology Maasstad Ziekenhuis, Rotterdam, The Netherlands

10:55 a.m.

Panel Discussion

11:00 a.m.

Primary Results of DEFINE-FLAIR: A Multi-Centre, Prospective, International, Randomized, Blinded Comparison of Clinical Outcomes and Cost Efficiencies of iFR and FFR Decision-Making for Physiological Guided Coronary Revascularization

Justin E. Davies, Sayan Sen, Manesh Patel, Patrick Serruys, Javier Escaned, Imperial College, London, United Kingdom

11:10 a.m.

Panel Discussion

11:15 a.m.

Instantaneous Wave-Free Ratio Versus Fractional Flow Reserve Guided Intervention (IFR-SWEDEHEART): A Multicenter, Prospective, Registry-Based Randomized Clinical Trial

Matthias Götzberg, Evald Christiansen, Ingibjörg Gudmundsdottir, Lennart Sandhall, Elmir Omerovic, Stefan James, David Erlinge, Ole Frobert, Department of Cardiology, Lund University, Lund, Sweden, Department of Cardiology, Örebro University, Örebro, Sweden

11:25 a.m.

Panel Discussion

11:30 a.m.

Drug-Eluting Stent Versus Optimal Medical Therapy in Patients With Coronary Chronic Total Occlusion: DECISION CTO Randomized Trial  
Seung-Jung Park, Seung-Whan Lee, Jung-Min Ahn, Pil Hyung Lee, Duk-Woo Park, Sung-Cheol Yun, Soo-Jin Kang, Young-Hak Kim, Cheol Whan Lee, Seong-Wook Park, Seung Ho Hur, Seung-Woon Rha, Sung-Ho Her, Si Wan Choi, Bong-Ki Lee, Nae-Hee Lee, Jong-Young Lee, Sang-Sig Cheong, Moo Hyun Kim, Young-Keun Ahn, Shirish Hiremath, Teguh Santoso, Wasan Udayachalerm, Jun-Jack Cheng, Toshiya Muramatsu, Asan Medical Center, Seoul, South Korea

11:40 a.m.

Panel Discussion

11:45 a.m.

Everolimus-Eluting Bioresorbable Vascular Scaffolds in Patients With Coronary Artery Disease: Two-Year Outcomes From the ABSORB III Trial

Stephen Ellis, Dean Kereiakes, Gregg Stone, Cleveland Clinic, Cleveland, OH, USA

11:55 a.m.

Panel Discussion

### Interventional Cardiology - Scientific

#### Session #674

#### Complex PCI in 2017

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 202 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: George D. Dangas

Co-Chair: Dean J. Kereiakes

Panelist: Nicola Corvaja

Panelist: Philippe Genereux

Panelist: Evgenia Nikolsky

10:45 a.m.

Case Presentation: Illustrative CTO- History and Angiogram  
Minh Vo  
Winnipeg, Canada

10:50 a.m.

Case Discussion with Question and Answer

11:00 a.m.

CTO Update: Latest Developments

William L. Lombardi

Bellingham, WA

11:10 a.m.

Calcified Vessels: Techniques for Dealing with Calcium and Differences Between Devices

George D. Dangas

New York, NY

11:20 a.m.

Thrombus Removal: New Trials, New Guidelines, New Perspectives on Patient Selection

Giora Weisz

Jerusalem, Israel

11:30 a.m.

Case Presentation: Illustrative Bifurcation Calcific Case

Samin K. Sharma

New York, NY

11:35 a.m.

Case Discussion with Question and Answer

11:45 a.m.

Bifurcation PCI

Vladimir Dzavik

Toronto, Canada

11:55 a.m.

Developments in Lesion Assessment: FFR (Opsens, Assist); IVUS Optimization

Olivier F. Bertrand

Quebec, Canada

12:05 p.m.

Question and Answer





### Interventional Cardiology - Scientific

#### Session #675

#### PCI in the Era of Public Accountability: Managing Risks to Patients, Providers, and Institutions

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Ralph Brindis

Co-Chair: Robert W. Yeh

Panelist: Amit P. Amin

Panelist: David Alan Cox

Panelist: Frederic S. Resnic

10:45 a.m.

Contemporary External Challenges to Coronary Revascularization

Robert Yeh

Boston, MA

10:58 a.m.

Discussion with Question and Answer

11:08 a.m.

Staying on Top of Your Game: Maintaining Your Skillset in the Face of

Declining Volumes

David Alan Cox

Allentown, PA

11:20 a.m.

Discussion with Question and Answer

11:30 a.m.

How to (and How Not to) Practice PCI in a Public Reporting Environment

Frederic S. Resnic

Burlington, MA

11:42 a.m.

Discussion with Question and Answer

11:52 a.m.

Cath Lab Economics: Strategies to Improve the Value of Care for Increasingly Complex PCI Patients

Amit P. Amin

Chesterfield, MO

12:05 p.m.

Discussion with Question and Answer

### Interventional Cardiology - Scientific

#### Session #676

#### Imaging for TAVR: Homing in on the Real Issues

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 207 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Stephen Little

Co-Chair: John G. Webb

Panelist: Anthony A. Bavry

Panelist: Susheel K. Kodali

Panelist: Jonathon Leipsic

Panelist: Lauren Morris

10:45 a.m.

How to Ensure the Best Prosthesis-patient Match?

Jonathon Leipsic

Vancouver, BC

11:00 a.m.

Multimodality Imaging Footprints of High-Risk TAVR

Jeffrey J. Popma

Newton, MA

11:15 a.m.

TEE During TAVR: Is It Necessary or an Added Reassurance

Sreekanth Vemulapalli

Durham, NC

11:30 a.m.

Leaflet Thickening with Advanced Imaging Techniques: What Does it Mean?

Susheel K. Kodali

New York, NY

11:45 a.m.

Valve Selection When Measurements Are at the Margin

J. Kevin Harrison

Durham, NC

12:00 p.m.

Case Presentation: Bring Your Best Clinical Judgment- Identify Valve Position, Function and Immediate Complications After Deployment

Anthony A. Bavry

Gainesville, FL

12:05 p.m.

Case Discussion with Question and Answer

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - International

#### Session #519

#### Multimodality Imaging in Heart Diseases: International Perspectives From the Gulf Heart Association, Thai Heart Association, and American College of Cardiology

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 145 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair

Robert C. Hendel

Miami, FL

Co-Chair

Taworn Suithichaiyakul

Bangkok, Thailand

Co-Chair

Mohamed Zubaid

Safat, Kuwait

10:45 a.m.

Introduction to Session

Robert C. Hendel

Miami, FL

10:55 a.m.

What is the Role of Imaging in New Onset Cardiomyopathy?

Mouaz H. Al-Mallah

Riyadh, Saudi Arabia

11:06 a.m.

Imaging Patients With Chest Pain: A Multimodality Approach

Safaa M. Almohdar

Abu Dhabi, United Arab Emirates

11:17 a.m.

Imaging in Hypertrophic Cardiomyopathy

Christopher M. Kramer

Charlottesville, VA

11:28 a.m.

Cardiac MRI Registry for Iron Overload in Patients With Thalassemia

Rungroj Kittayaphong

Bangkok, Thailand



11:39 a.m.  
Cardiac MRI for Tissue Characterization in Patients With Congenital Heart Disease  
Tarinee Tangcharoen  
Bangkok, Thailand

11:50 a.m.  
Discussion

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific

#### Session #671

#### Imaging of Cancer-Treatment Associated CV Toxicity: Applying Guidelines to Clinical Practice

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 140 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Thomas H. Marwick  
Co-Chair: Marielle Scherrer-Crosbie  
Panelist: Jean-Bernard Durand  
Panelist: Monika J. Leja  
Panelist: Richard M. Steingart

10:45 a.m.  
Why Cardiologists Need to Engage - Epidemiology of Cancer Survivorship  
Ben Kenigsberg  
Washington, DC

10:57 a.m.  
Role for Echo in oncology patients. What to look for, how often and for how long?  
Bonnie Ky  
Philadelphia, PA

11:09 a.m.  
Nuclear Cardiology: A useful imaging modality in Cardio-Oncology  
Raymond Russell  
Providence, RI

11:21 a.m.  
Evidence for MRI imaging for detection of CV disease during and after cancer treatment  
W. Gregory Hundley  
Winston Salem, NC

11:33 a.m.  
Imaging LV dysfunction related to cancer therapy. It will be easy to reconcile the ASE/EACVI, NCCN and ASCO guidelines and recommendations.  
Juan Carlos Plana  
Houston, TX

11:45 a.m.  
Cancer-treatment related LV dysfunction in clinical practice.  
Ana Barac  
Washington, DC

11:57 a.m.  
Panel Discussion

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific

#### Session #672

#### PET Myocardial Perfusion Imaging: Practical Considerations- A Case-Based Discussion

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 147 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert Gropler  
Co-Chair: Thomas Schindler  
Panelist: Sharmila Dorbala  
Panelist: Marcelo F. Di Carli  
Panelist: Rob S. B. Beanlands  
Panelist: Gary V. Heller  
Panelist: Panithaya Chareonthaitawee

10:45 a.m.  
PET Myocardial Perfusion Imaging Cases  
Sharmila Dorbala  
Boston, MA

10:50 a.m.  
Panel Discussion

11:00 a.m.  
PET Myocardial Perfusion Imaging Cases  
Marcelo F. Di Carli  
Boston, MA

11:05 a.m.  
Panel Discussion

11:15 a.m.  
PET Myocardial Perfusion Imaging Cases  
Rob S. Beanlands  
Ottawa, Canada

11:20 a.m.  
Panel Discussion

11:30 a.m.  
PET Myocardial Perfusion Imaging Cases  
Gary Heller  
New Haven, CT

11:35 a.m.  
Panel Discussion

11:45 a.m.  
PET Myocardial Perfusion Imaging Cases  
Manuel Cerqueira  
Cleveland, OH

11:50 a.m.  
Panel Discussion

12:00 p.m.  
PET Myocardial Perfusion Imaging Cases  
Panithaya Chareonthaitawee  
Rochester, MN

12:05 p.m.  
Panel Discussion



### Non-Certified Industry Events - Learning Destinations

#### Session #4307

#### Cracking the Code: Reducing CVD Risk with Therapeutic Lifestyle Changes

Saturday, March 18, 2017, 10:45 a.m. - 11:30 a.m.

Expo Hall 1154

CME Hours: /CNE Hours:

10:45 a.m.

Cracking the Code: Reducing CVD Risk with Therapeutic Lifestyle Changes

Neil F. Gordon

Savannah, GA

### Prevention - Scientific

#### Session #678

#### Great Debates in Preventive Cardiology

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Ballroom B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Seth Martin

Co-Chair: Michael Shapiro

10:45 a.m.

Risk Assessment in Primary Prevention of ASCVD - Recommendations for Statin Therapy in Primary Prevention Should Be Based on the Pooled Cohort Equation

Neil Stone

10:55 a.m.

Risk Assessment in Primary Prevention of ASCVD - Optimal Risk Assessment Includes Coronary Artery Calcium Scoring

Michael Blaha

Baltimore, MD

11:05 a.m.

Question and Answer

11:15 a.m.

The Role of Aspirin in Primary Prevention - Aspirin Remains an Important Component of Primary Prevention

Amit Khera

Dallas, TX

11:25 a.m.

The role of Aspirin in Primary Prevention - not Anymore, Risks Outweigh Benefits

Vera Bittner

Birmingham, AL

11:35 a.m.

Question and Answer

11:45 a.m.

Fasting vs Non-fasting Lipid Testing - Fasting is Unnecessary for Lipid Testing

Samia Mora

Boston, MA

11:55 a.m.

Fasting vs Non-fasting Lipid Testing - not so Fast, We Still Need to Fast

Eliot Brinton

Salt Lake City, UT

12:05 p.m.

Question and Answer

### Pulmonary Hypertension and Venous Thrombo-embolic Disease - Scientific

#### Session #677

#### Deciphering Pulmonary Hypertension Due to Left Heart Disease:

#### Have Hope Oh Ye Who Enter

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 147 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Teresa De Marco

Co-Chair: Jean-Luc Vachiery

10:45 a.m.

Distinguishing Pulmonary Arterial Hypertension from Pulmonary Hypertension Due to Left Heart Disease: Hemodynamics or Phenotype- What is Important?

Stephan Rosenkranz

11:00 a.m.

Question and Answer

11:08 a.m.

Making Sense of the Sensor: Monitoring Options for Combined Post-and Precapillary Pulmonary Hypertension - So What?

Mardi Gombert-Maitland

Chicago, IL

11:23 a.m.

Question and Answer

11:31 a.m.

65 Year Old Referred with Combined Post and Precapillary Pulmonary Hypertension: What Next?

Jana Svetlichnaya

San Francisco, CA

11:36 a.m.

ARS Polling

11:39 a.m.

Debate: Combined Post- and Precapillary Pulmonary Hypertension Should Be Treated (Pro)

Marc J. Semigran

Boston, MA

11:53 a.m.

Debate: Combined Post- and Precapillary Pulmonary Hypertension Should Be Treated (Con)

Nazzareno Galié

Bologna, Italy

12:07 p.m.

Rebuttal (Pro)

12:10 p.m.

Rebuttal (Con)

12:12 p.m.

ARS Polling

### Special - Intensive

#### Session #54

#### Are We There Yet? The Long Journey to Health Equity: Part I

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 152 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Laurence Sperling

Co-Chair: Kim Allan Williams, Sr.

Panelist: Jonca Bull



Panelist: Sharonne Hayes  
Panelist: David Wood  
Panelist: Clyde W. Yancy

10:45 a.m.  
Case Presentation: Highlight and Foster the Discussion on CV Health Issues and Improved Health Outcomes Through a Lens of Health Equity  
Kim Allan Williams, Sr.  
Chicago, IL

10:50 a.m.  
Audience Question and Answer

10:55 a.m.  
ACC-Talk: Global Burden of Cardiovascular Disease - the Challenges to Achieving Health Equity  
David Wood  
London, United Kingdom

11:15 a.m.  
Cardiovascular Care and Health Disparities: The Magnitude of the Issue  
Clyde W. Yancy  
Chicago, IL

11:25 a.m.  
Disparities in CVD : Impact of Race , Ethnicity and Social Determinants  
Jonca Bull  
Silver Spring, MD

11:35 a.m.  
Disparities in CVD: Impact of Sex and Gender in CVD  
Sharonne Hayes  
Rochester, MN

11:45 a.m.  
Panel Discussion/Audience Question and Answer

12:10 p.m.  
Session Summary  
Laurence Sperling  
Atlanta, GA

### Special - Symposium Session #107

**Cardiovascular Update for the Clinician II: Chronic Coronary and Systemic Disease (A Symposium by Valentin Fuster)**  
Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.  
Ballroom A  
CME Hours: 1.5 /CNE Hours: 1.5

Chair: Valentin Fuster  
Panelist: Joseph C. Cleveland, Jr.  
Panelist: Pamela S. Douglas  
Panelist: Patrick T. O'Gara

10:45 a.m.  
Chest Pain Evaluation: No Test, Stress Test or CT Angio?  
Pamela S. Douglas  
Durham, NC

11:00 a.m.  
Complex Stable CAD -- Evolving Managements Anatomy (SYNTAX), Ischemic (FFR) and Microcirculation (PET, CT, MR)  
Valentin Fuster  
New York, NY

11:15 a.m.  
Four Challenges on Lipid Evaluation and Management. Familal LDL-C, ApoB, HDL Efflux Capacity and PCSK9Inhibitors

Sidney Smith, Jr.  
Chapel Hill, NC

11:30 a.m.  
Three Challenges on Hypertension (HBP) Identify those with HBP, Reduce Excess Salt and Personalize BP Target  
Patrick T. O'Gara  
Boston, MA

11:45 a.m.  
The Link Between Diabetes and Obesity: The Evolution and Positive Results of Bariatric Surgery  
Joseph C. Cleveland, Jr.  
Aurora, CO

12:00 p.m.  
Panel Discussion/Audience Question and Answer

### Special - Scientific Session #301

**FIT Forum: Acing the Transition: What FITs Need to Know to Launch A Successful Career**  
Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.  
Room 145 A  
CME Hours: /CNE Hours:

Co-Chair: Varsha Tanguturi  
Co-Chair: David McNeely

10:45 a.m.  
The Elevator Speech  
Quinn Wells

11:00 a.m.  
A Pragmatic Approach to Selecting the Right Professional Practice after Fellowship  
Doreen D. Yeh

11:15 a.m.  
Negotiating Contracts  
Brigid Dolan  
Chicago, IL

11:30 a.m.  
Financial Planning for Future Cardiologists  
Michael F. Merrill  
Portland, OR

11:45 a.m.  
What Makes a New Hire Valuable  
Jagmeet Singh  
Boston, MA

12:00 p.m.  
Question and Answer

### Valvular Heart Disease - Scientific Session #679

**Structural Heart Disease: Difficult Choices for the Heart Team**  
Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.  
Room 204 A  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: James McClurken  
Co-Chair: Amy Simone  
Panelist: Daniel Forman  
Panelist: Raj Makkar  
Panelist: Michael Rich



10:45 a.m.

AI - Failing Homograft/'Eggshell' Full Root Replacement, Cr 2.9 ... Options ...  
Anybody???

David Jones  
Philadelphia, PA

10:55 a.m.

Speed Bumps for TAVR: Warning, Warning! Heavy Calcium in LVOT/Severe  
MAC, Low Cor Ht  
Mathew Williams  
New York, NY

11:05 a.m.

Severe AS and Mod-Sev MR, Comorbid pt - Can We Predict When SAVR/TAVR  
Will Be Enough?  
Judy Hung  
Boston, MA

11:15 a.m.

Very Low EF, Severe MR - Repair, Replace, Transplant, +/-MCS ... Transfer?  
Oh My!  
Michael Acker  
Philadelphia, PA

11:25 a.m.

Panel Discussion

11:35 a.m.

Older adults with VHD, Comorbidity: Predictive Markers for Both Favorable  
and Futile Procedural Outcomes  
Jonathan Afilalo  
Montreal, Canada

11:45 a.m.

Valve-in-valve: Deciding if Possible; Approach and Which Valve to Choose  
Danny Dvir  
Vancouver, Canada

11:55 a.m.

Lead Off Case Conclusion - Decisions, Procedure, Outcome  
Matthew Williams  
Philadelphia, PA

12:05 p.m.

Panel Discussion

### Vascular Medicine - Scientific

#### Session #680

#### Maximally Effective Vascular Care: Vascular Collaborative Team Care in Action

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 209 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Geoffrey D. Barnes

Co-Chair: Heather L. Gornik

10:45 a.m.

Anticoagulation Clinics to Improve Outcomes and the Patient Experience

10:45 a.m.

Case Presentation #1: A 63-Year-Old Man with a Second Iliofemoral DVT  
Jeremy Van't Hof

10:45 a.m.

Case Presentation #1: Panel Discussion Moderator  
Geoffrey D. Barnes  
Ann Arbor, MI

10:45 a.m.

Case Presentation #1: Panelist: John Fanikos

10:45 a.m.

Case Presentation #1: Panelist  
Tracy E. Macaulay  
Lexington, KY

10:45 a.m.

Case Presentation #1: Panel Discussion with Audience Question and Answer

11:07 a.m.

Claudication Programs to Improve PAD Outcomes and the Patient Experience

11:07 a.m.

Case Presentation #2: A 48 Year Old Man with Right Calf Claudication  
Jorge Chiquie Borges  
Boston, MA

11:07 a.m.

Case Presentation #2: Panel Discussion Moderator  
Alan T. Hirsch  
Minneapolis, MN

11:07 a.m.

Case Presentation #2: Panelist  
Mark Bakken  
Minneapolis, MN

11:07 a.m.

Case Presentation #2: Panelist  
Elizabeth A. Jackson  
Ann Arbor, MI

11:07 a.m.

Case Presentation #2: Panelist  
Matthew T. Menard  
Boston, MA

11:07 a.m.

Case Presentation #2: Panel Discussion with Audience Question and Answer

11:30 a.m.

Descending Aortic Dissection Care Teams

11:30 a.m.

Case Presentation #3: A 55 Year Old Woman with an Acute Type B Dissection,  
4 cm AAA, and Atypical Back Pain  
Noreen Kelly  
Boston, MA

11:30 a.m.

Case Presentation #3: Panel Discussion Moderator  
Rumi Faizer  
Minneapolis, MN

11:30 a.m.

Case Presentation #3: Panelist: Santi Trimarchi

11:30 a.m.

Case Presentation #3: Panelist: Marc Bonaca

11:30 a.m.

Case Presentation #3: Panel Discussion with Audience Question and Answer

11:52 a.m.

Multidisciplinary PAD Programs

11:52 a.m.

Case Presentation #4: 47-year-old Diabetic Smoker with Great Toe Gangrene





Aaron W. Aday  
Boston, MA

11:52 a.m.  
Case Presentation #4: Panel Discussion Moderator  
Heather L. Gornik  
Cleveland, OH

11:52 a.m.  
Case Presentation #4: Panelist: Tony Das

11:52 a.m.  
Case Presentation #4: Panelist: Nicholas Leeper

11:52 a.m.  
Case Presentation #4: Panelist  
Matthew T. Menard  
Boston, MA

11:52 a.m.  
Case Presentation #4: Panel Discussion with Audience Question and Answer

### Non-Certified Industry Events - Learning Destinations

#### Session #4308

#### Patient Access to Cardiovascular Care: Perspectives from the Cardiovascular Team

Saturday, March 18, 2017, 11:45 a.m. - 12:30 p.m.

Expo Hall 1154

CME Hours: /CNE Hours:

11:45 a.m.  
Patient Access to Cardiovascular Care: Perspectives from the Cardiovascular Team  
Dave L. Dixon  
Richmond, VA

11:45 a.m.  
Patient Access to Cardiovascular Care: Perspectives from the Cardiovascular Team  
Lynne Braun  
Chicago, IL

11:45 a.m.  
Patient Access to Cardiovascular Care: Perspectives from the Cardiovascular Team  
Linda L. Tavares Hart  
Midlothian, VA

11:45 a.m.  
Patient Access to Cardiovascular Care: Perspectives from the Cardiovascular Team  
John Bucheit  
Henrico, VA

### Special - Events and Meetings

#### Session #5011

#### Federal Cardiology Section Meeting

Saturday, March 18, 2017, 12 p.m. - 2 p.m.

Marriott Marquis, Marquis Ballroom Salon 7

CME Hours: /CNE Hours:

12:00 p.m.  
Federal Cardiology Section Meeting

### Congenital Heart Disease - Special

#### Session #6005

#### Engage @ ACC.17 Studio: Simulation I -- Congenital Heart Disease

Saturday, March 18, 2017, 12:15 p.m. - 1:30 p.m.

Engage @ ACC.17 Studio, Hall C

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Michael W. Cullen  
Co-Chair: Scott M. Lilly

12:15 p.m.  
Simulation Faculty  
Anne Marie Valente

12:15 p.m.  
Simulation Faculty  
Keri Shafer  
Boston, MA

### Acute and Stable Ischemic Heart Disease - Hands-on Skills Learning Session #1512

#### Personalized Skills Center: Hands-On Simulation - Acute Coronary Syndrome

Saturday, March 18, 2017, 12:30 p.m. - 1:30 p.m.

Personalized Skills Center, East Salon AB

CME Hours: /CNE Hours:

12:30 p.m.  
Acute Coronary Syndrome  
Suraj Kapa  
Rochester, MN

### Acute and Stable Ischemic Heart Disease - Scientific

#### Session #683

#### STEMI Dilemmas: You Be the Judge

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Room 143 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Henry Kim  
Co-Chair: Debabrata Mukherjee

12:30 p.m.  
Case Presentation: Performing Primary PCI on Patients with Active NOAC Therapy: A Trapeze Act?  
Jaya Chandrasekhar

12:35 p.m.  
Performing Primary PCI on Patients with Active NOAC Therapy: A Trapeze Act?  
Roxana Mehran  
New York, NY

12:40 p.m.  
Panel Discussion/Audience Question and Answer

12:45 p.m.  
Case Presentation: Fast and Furious - Antiplatelet Choices in STEMI Patients with Expected E2B Time < 30 Minutes  
Francesco Franchi  
Jacksonville, FL

12:50 p.m.  
Fast and Furious: Antiplatelet Choices in STEMI Patients with Expected E2B < 30 Minutes  
Dominick Angiolillo  
Jacksonville, FL

12:55 p.m.  
Panel Discussion/Audience Question and Answer



1:00 p.m.

Case Presentation: Smoke but No Fire - STEMI Presentation with Non Obstructive Disease by Angiography  
Nathaniel R. Smilowitz  
New York, NY

1:05 p.m.

Smoke but no Fire: STEMI Presentation with non Obstructive Disease by Angiography  
Harmony Reynolds  
New York, NY

1:10 p.m.

Panel Discussion/Audience Question and Answer

1:15 p.m.

Case Presentation: Winning the Battle, Losing the War? Management of Patient Who Develops Acute Shock Following Successful PCI for Inferior Wall MI  
David Berg  
Boston, MA

1:20 p.m.

Winning the Battle, Losing the War? Management of Patient who Develops Acute Shock Following Successful PCI for Inferior Wall MI  
David Morrow  
Boston, MA

1:25 p.m.

Panel Discussion/Audience Question and Answer

1:30 p.m.

Case Presentation: Advanced Age/Advanced Dementia Presenting with STEMI - Is There a Golden Rule for the Golden Years?  
Ajar Kochar  
Durham, NC

1:35 p.m.

Advanced Age/Advanced Dementia Presenting with STEMI: Is There a Golden Rule for the Golden Years?  
Karen Alexander  
Durham, NC

1:40 p.m.

Panel Discussion/Audience Question and Answer

### Acute and Stable Ischemic Heart Disease - Scientific Session #684

#### Angina in the Absence of Obstructive CAD. What Do We Do With These Patients?

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Room 150 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Margo Minissian

Co-Chair: Jennifer Tremmel

12:30 p.m.

Introduction: Overview and Complexities of Angina in the Absence of Obstructive CAD  
John Beltrame

12:32 p.m.

Case Presentation: Microvascular Dysfunction  
Odayme Quesada  
Sausalito, CA

12:37 p.m.

Expert Review: Evaluating for and Treating Microvascular Dysfunction

C. Noel Bairey Merz  
Los Angeles, CA

12:41 p.m.

Panel Discussion/Question and Answer

12:46 p.m.

Case Presentation: Coronary Vasospasm  
Ameera Ahmed  
Los Angeles, CA

12:51 p.m.

Expert Review: Evaluating for and Treating Coronary Vasospasm  
Janet Wei  
Los Angeles, CA

12:57 p.m.

Panel Discussion/Question and Answer

1:02 p.m.

Case Presentation: Myocardial Bridge  
Vedant Pargaonkar  
Stanford, CA

1:08 p.m.

Expert Review: Evaluating for and Treating Myocardial Bridges  
Jennifer Tremmel  
Palo Alto, CA

1:13 p.m.

Panel Discussion/Question and Answer

12:46 p.m.

Case Presentation: Endothelial Dysfunction  
Ahmed Al-Badri  
Los Angeles, CA

1:24 p.m.

Expert Review: Evaluating for and Treating Endothelial Dysfunction  
Puja Mehta  
Atlanta, GA

1:29 p.m.

Panel Discussion/Question and Answer

### Acute and Stable Ischemic Heart Disease - Moderated Poster Contributions

#### Session #1227M

#### Anti-Platelet Therapies: Always a Sticky Topic

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Acute and Stable Ischemic Heart Disease Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: David P. Lee

ACC Poster Moderator: Binita Shah

12:30 p.m.

Chewing Versus Traditional Swallowing of Ticagrelor to Accelerate Platelet Inhibition in ST Elevation Myocardial Infarction: The CHEERS-STEMI Study  
Elad Asher, Shir Tal, Israel Mazin, Moshe Katz, Avi Sabbag, Ehud Regev, Victor Guetta, Amit Segev, Dan Elian, Israel Barbash, Paul Fefer, Roy Beigel, Shlomi Matetzky, Sheba Medical Center, Ramat-Gan, Israel, Tel-Aviv University, Tel-Aviv, Israel

12:40 p.m.

Question and Answer



12:45 p.m.

Implications of the Dual-Antiplatelet Therapy (DAPT) Trial in the Real World: Insights From the NCDR Research to Practice Initiative  
Amneet Sandhu, Patrick Stewart, Steven Bradley, Robert Yeh, John Messenger, James A. de Lemos, Michael Ho, Javier Valle, Gregory Hess, John Rumsfeld, Frederick Masoudi, Thomas Maddox, University of Colorado, Aurora, CO, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Influence of Sex on Platelet Response to Aspirin and Ticagrelor  
Kevin Friede, Margaret Infeld, Ru-San Tan, Rachel Myers, Deepak Voora, Duke University, Durham, NC, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Antiplatelet Therapy Changes for MI Patients With Recurrent Ischemic Events: Insights Into Contemporary Practice From the TRANSLATE-ACS Study  
Alexander C. Fanaroff, Lisa A. Kaltenbach, Eric Peterson, Mohammed Akhter, Mark B. Effron, Timothy Henry, Tracy Wang, Duke Clinical Research Institute, Durham, NC, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Ischemic Events Occur Early in Patients Undergoing PCI and Are Reduced With Cangrelor: Findings From CHAMPION PHOENIX  
Matthew Cavender, Robert Harrington, Gregg Stone, Efthymios Deliargyris, Philippe Steg, C. Michael Gibson, Christian Hamm, Matthew Price, Jayne Prats, Kenneth Mahaffey, Harvey White, Deepak Bhatt, University of North Carolina, Chapel Hill, NC, USA, Brigham and Women's Hospital, Boston, MA, USA

1:40 p.m.

Question and Answer

### Acute and Stable Ischemic Heart Disease - Scientific Session #811

**Case Studies from the Guidelines for Clinicians**  
Saturday, March 18, 2017, 12:30 p.m. - 3 p.m.

East Salon C

CME Hours: 2.5 /CNE Hours: 2.5

Co-Chair: Jane A. Linderbaum

Co-Chair: John P. Erwin, III

12:30 p.m.

Congenital Heart Disease Cases  
William Miranda

12:30 p.m.

Aortic Stenosis and Catheter Therapy Cases  
Patricia Keegan  
Atlanta, GA

12:30 p.m.

Top 10 Cardiac Medication Blunders  
Rhonda Cooper-DeHoff  
Gainesville, FL

12:30 p.m.

Cases in General Cardiology  
Eileen M. Handberg  
Gainesville, FL

12:30 p.m.

Structural Heart Disease Cases  
Jane A. Linderbaum  
Rochester, MN

12:30 p.m.

ACS Clinical Cases  
John P. Erwin, III  
Temple, TX

### Arrhythmias and Clinical EP - Scientific

#### Session #681

#### Controversies in Atrial Fibrillation Management

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Ballroom C

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Kenneth A. Ellenbogen

Co-Chair: Peter Kowey

12:30 p.m.

What I do with the CHADS-VASc 1 Patient? To Anticoagulate or not Anticoagulate  
Elaine Hylek

12:38 p.m.

ARS Questions/Question and Answer

12:48 p.m.

Who and When to Implant an ILR in A Stroke Patient and What to do with the Data  
Carlos A. Morillo  
Hamilton, Canada

12:56 p.m.

ARS Questions/Question and Answer

1:06 p.m.

Anticoagulation and Stroke Prevention After Catheter Ablation of Atrial Fibrillation  
Sanjay Dixit  
Wynnewood, PA

1:14 p.m.

ARS Questions/Question and Answer

1:24 p.m.

Should Every Patient with AF Who Cannot Take Anticoagulants Get a WATCHMAN  
Srinivas Dukkipati  
New York, NY

1:32 p.m.

ARS Questions/Question and Answer

### Arrhythmias and Clinical EP - Scientific

#### Session #682

#### Controversies in Device Therapy

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Room 146 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: John Fisher

Co-Chair: Peter A. Brady

12:30 p.m.

What Should I do with This Patient Who Has a non Functional Lead?  
Andrew E. Epstein



12:36 p.m.  
ARS Polling and Discussion

12:49 p.m.  
Does a Patient with an LVAD Ever Need an ICD  
Jordana Kron  
Richmond, VA

12:55 p.m.  
ARS Polling with Discussion

1:08 p.m.  
Should This Patient Receive a Subcutaneous ICD for Primary Prevention  
Jeanne Poole  
Seattle, WA

1:13 p.m.  
ARS Polling with Discussion

1:26 p.m.  
Should This Patient with AF Discovered on Pacemaker be Anti Coagulated?  
Andrea M. Russo  
Moorestown, NJ

1:32 p.m.  
ARS Polling with Discussion

**Arrhythmias and Clinical EP - Moderated Poster Contributions**  
**Session #1223M**  
**Stroke and AF: Thinking About the Heart**  
**Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.**  
**Arrhythmias and Clinical EP Moderated Poster Theater, Poster Hall, Hall C**  
**CME Hours: 1.25 /CNE Hours: 1.25**

ACC Poster Moderator: Bulent Gorenek  
ACC Poster Moderator: Malini Madhavan

12:30 p.m.  
Efficacy and Safety of Edoxaban in Patients With Atrial Fibrillation and Active Malignancy: An Analysis of ENGAGE AF - Timi 48 Randomized Clinical Trial  
Christina Fanola, Christian Ruff, Sabina Murphy, James Jin, Anil Duggal, Michele Mercuri, Elliott Antman, Eugene Braunwald, Robert Giugliano, TIMI Study Group, Brigham and Women's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

12:40 p.m.  
Question and Answer

12:45 p.m.  
The Prescribing of Antiplatelet Therapy Only in Patients With Nonvalvular Atrial Fibrillation: Results From the GARFIELD-AF Registry  
Freek W. A. A. Verheugt, Wael Al Mahmeed, Giuseppe Ambrosio, Pantep Anchaisuksiri, Dan Atar, Jean-Pierre Bassand, A. John Camm, Frank Cools, John W. Eikelboom, Haiyan Gao, Gloria Kayani, Toon Wei Lim, Frank Misselwitz, Martin van Eickels, Ajay Kakkar, GARFIELD-AF Investigators, Thrombosis Research Institute, London, United Kingdom

12:55 p.m.  
Question and Answer

1:00 p.m.  
Risk of Stroke in Women and Men With Atrial Fibrillation and Only One Additional CHA2DS2-VASc Risk Factor  
Maria Tomasdottir, Leif Friberg, Ziad Hijazi, Johan Lindbäck, Jonas Oldgren, Uppsala Clinical Research Center Uppsala University, Uppsala, Sweden

1:10 p.m.  
Question and Answer

1:15 p.m.  
Predictors of Incident Atrial Fibrillation in Patients With Ischemic Stroke: A Nationwide Cohort Study  
Laurent Fauchier, Arnaud Bisson, Denis Angoulvant, Nicolas Clementy, Dominique Babuty, Gregory Lip, Centre Hospitalier Universitaire Trousseau, Tours, France

1:25 p.m.  
Question and Answer

1:30 p.m.  
Outcomes of Patients With Atrial Fibrillation and Left Atrial Thrombus Despite Continuous Non-Vitamin K Antagonist Anticoagulant and Warfarin Therapy: Insights Into Rates and Timing of Thrombus Resolution  
Jim W. Cheung, Salvatore A. D'Amato, Steven Markowitz, Christopher Liu, George Thomas, James E. Ip, Parmanand Singh, Bruce Lerman, Weill Cornell Medical College, New York, NY, USA

1:40 p.m.  
Question and Answer

**Congenital Heart Disease - Scientific**  
**Session #685**  
**Precision Medicine: It's Hot, But What Is It?**  
**Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.**  
**Room 146 C**  
**CME Hours: 1.25 /CNE Hours: 1.25**

Co-Chair: Tal Geva  
Co-Chair: Doff McElhinney  
Panelist: Piers C. A. Barker  
Panelist: Puneet Bhatla  
Panelist: Kanwal M. Farooqi  
Panelist: Bruce Gelb  
Panelist: Seema Mital

12:30 p.m.  
Introduction to Precision Medicine - as it Exists in the Current ERA  
Bruce Gelb  
New York, NY

12:41 p.m.  
Genetics Can Map the Way to Individualized Therapy in CHD  
Seema Mital  
Toronto, Canada

12:52 p.m.  
Can Computational Fluid Dynamic Assessment Impact Management of Anomalous Coronary Arteries?  
Piers Barker  
Durham, NC

1:03 p.m.  
Panel Discussion with Audience Question and Answer

1:13 p.m.  
Can Finite Element Modelling Impact Transcatheter Interventions?  
Puneet Bhatla  
NY, NY

1:24 p.m.  
Can Segmental Computational Modeling impact Assessment of VAD Placement and Transplant Assessment in Patients with CHD?  
Kanwal Farooqi  
New York, NY

1:35 p.m.  
Panel Discussion with Audience Question and Answer





### **Congenital Heart Disease - Moderated Poster Contributions** **Session #1220M**

#### **Therapeutic Advances in Congenital Heart Disease**

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

**Congenital Heart Disease and Pulmonary Hypertension Moderated**  
Poster Theater, Poster Hall, Hall C  
CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: Kevin D. Hill  
ACC Poster Moderator: Luciana T. Young

12:30 p.m.

Stable Incidence of Endocarditis in Pediatric Patients Before and After the  
2007 Endocarditis Prophylaxis Guidelines

Stephen Dolgner, Titus Chan, Seattle Children's Hospital, Seattle, WA, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Safety of Enalapril in Infants: Data From the Pediatric Heart Network Infant  
With Single Ventricle Trial

Kanika Mathur, Jacqueline Lamour, Daphne Hsu, Scott I. Aydin, Children's  
Hospital at Montefiore, Bronx, NY, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Association of Fractures With Furosemide Therapy in Pediatric Medicaid  
Patients With Congenital Heart Disease

Ji Haeng Heo, Karen L. Rascati, Keila Lopez, Brady Moffett, The University of  
Texas at Austin, Austin, TX, USA, Texas Children's Hospital, Houston, TX, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Effect of Obesity and Underweight Status on Perioperative Outcomes in  
Patients With Congenital Heart Disease: An Analysis of Data From the Society  
of Thoracic Surgeons Congenital Heart Surgery Database

Michael L. O'Byrne, Sunghee Kim, Christoph Hornik, Babatunde Yerokun,  
Roland Matsouaka, Jeffrey Jacobs, Marshall Jacobs, Richard Jonas, Children's  
National Medical Center, Washington, DC, USA, Duke University School of  
Medicine, Durham, NC, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Improved Exercise Performance in Pediatric Fontan Patients After Cardiac  
Rehabilitation

Samuel G. Wittekind, Wayne Mays, Yvette Gerdes, Sandra Knecht, John  
Hambrook, William Border, John Jefferies, Cincinnati Children's Hospital  
Medical Center, Cincinnati, OH, USA

1:40 p.m.

Question and Answer

### **Heart Failure and Cardiomyopathies - International** **Session #521**

**Systemic Organ Involvement in Heart Failure: International  
Perspectives From the German Cardiac Society, Hellenic Society of  
Cardiology, and American College of Cardiology**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Room 145 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Paul J. Mather  
Co-Chair: Stefanos Foussas  
Co-Chair: Benny J. Levenson

12:30 p.m.

Introduction to Session

Paul J. Mather  
Philadelphia, PA

12:35 p.m.

Anemia in Cardiorenal Syndrome: From Pathophysiology to Therapeutic  
Considerations

Kyriakos Yiangou  
Nicosia, Cyprus

12:46 p.m.

Biomarkers in Heart Failure: Beyond Natriuretic Peptides

Hugo A. Katus  
Heidelberg, Germany

12:57 p.m.

Co-morbidities in Heart Failure

Michael Boehm  
Homburg / Saar, Germany

1:08 p.m.

Worsening Renal Function in Acute Heart Failure: Is it Really Bad?

Konstantinos P. Tsioufis  
Penteli, Greece

1:19 p.m.

Discussion

### **Heart Failure and Cardiomyopathies - Scientific** **Session #686**

**The Heavy Heart: Practicing Heart Failure Cardiology in an Obesity  
Epidemic**

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Room 144 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Carl Lavie  
Panelist: Luc Djousse  
Panelist: Tamara Horwich  
Panelist: Javed Butler  
Panelist: Amanda Vest  
Panelist: Peter A. McCullough

12:30 p.m.

The Epidemiology of Heart Failure and Obesity

Luc Djousse  
Boston, MA

12:40 p.m.

Panel Discussion

12:45 p.m.

Adipokines and Gut Hormones: Mediators of the Obesity-Heart Failure  
Relationship

Tamara Horwich  
Los Angeles, CA



12:55 p.m.  
Panel Discussion

1:00 p.m.  
Should We Advise Obese Patients with Heart Failure to Lose Weight  
Javed Butler  
Stony Brook, NY

1:10 p.m.  
Panel Discussion

1:15 p.m.  
Medical and Lifestyle Strategies for Weight Loss in Heart Failure  
Amanda Vest  
Boston, MA

1:25 p.m.  
Panel Discussion

1:30 p.m.  
Is There a Role for Bariatric Surgery in Heart Failure Patients with Obesity?  
Peter A. McCullough  
Dallas, TX

1:40 p.m.  
Panel Discussion

**Heart Failure and Cardiomyopathies - Scientific Session #687**  
**Meeting of the Minds: HF and EP Decision Making for Complex Patients**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Room 146 B  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Jason Katz  
Co-Chair: Bradley Knight  
Panelist: Francis Marchlinski  
Panelist: Mandeep Mehra  
Panelist: Vivek Yerrapu Reddy  
Panelist: Erica Zado  
Panelist: Forum Kamdar

12:30 p.m.  
A High Risk Patient for Atrial Fibrillation Ablation  
David Frankel  
Philadelphia, PA

12:40 p.m.  
Panel Discussion

12:48 p.m.  
Who Is the High Risk Patient in the EP Lab?  
Gregory Supple  
Philadelphia, PA

12:58 p.m.  
Panel Discussion

1:06 p.m.  
Percutaneous Hemodynamic Support in the EP Lab  
Vivek Yerrapu Reddy  
New York, NY

1:16 p.m.  
Panel Discussion

1:24 p.m.  
LVAD versus High Risk VT Ablation

Forum Kamdar  
Minneapolis, MN

1:34 p.m.  
Panel Discussion

**Heart Failure and Cardiomyopathies - Moderated Poster Contributions**  
**Session #1226M**  
**Put Your Codon! Genetic Insights Into Heart Failure**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall C  
CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: Eric D. Adler  
ACC Poster Moderator: Ali Nsair

12:30 p.m.  
Genetics of Heart Rate Observational Study (GenHRate)  
Kaleigh L. Evans, Heidi Wirtz, Jia Li, Ruicong She, Juan Maya, Christophe Depre, Andrew Hamer, David Lanfear, Henry Ford Hospital, Detroit, MI, USA, Amgen, Thousand Oaks, CA, USA

12:40 p.m.  
Question and Answer

12:45 p.m.  
G-Protein Receptor Kinase 5 Polymorphisms and Outcomes in the African American Heart Failure Trial: Results From the Genetic Risk Assessment of Heart Failure in African-Americans Sub-Study  
Amber E. Johnson, Karen Hanley-Yanez, Clyde Yancy, Anne Taylor, Arthur Feldman, Dennis McNamara, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

12:55 p.m.  
Question and Answer

1:00 p.m.  
A Human Fetal Up-Regulated lncRNA Triggers Endogenous Heart Regeneration by Dephosphorylation of Mitotic Centromere-Associated Kinesin  
Yanmei Chen, Xinzhong Li, Guojun Chen, Lintao Zhong, Xiang He, Chixiong Huang, Bing Li, Hairui Li, Shifei Wang, Yuanwen Jing, Jianping Bin, Department of Cardiology, Nanfang Hospital, Southern Medical University, Guangzhou, People's Republic of China

1:10 p.m.  
Question and Answer

1:15 p.m.  
Paricalcitol Effects on Heart Failure in Experimental Metabolic Syndrome: New Pathways Discovered Using Next Generation Sequencing  
Ragesh Panikkath, Chep Yego, Rao Kottapalli, Sharma Prabhakar, Texas Tech University Health Sciences Center, Lubbock, TX, USA, Texas Tech University, Lubbock, TX, USA

1:25 p.m.  
Question and Answer

1:30 p.m.  
Circulating Free and Exosomal MicroRNAs as Biomarkers of Systemic Response to Heart Failure  
Faheemullah Beg, Ruizhong Wang, Zeb Saeed, Srikanth Devaraj, Masoor Kamalesh, Hari Krishna Nakshatri, Richard L. Roubush VAMC, Indianapolis, IN, USA, IU School of Medicine, Indianapolis, IN, USA

1:40 p.m.  
Question and Answer



### Interventional Cardiology - Live Cases

#### Session #203

#### Interventional Live Case Session IV: Complex Coronary Transmission from St. Vincent Hospital (Indianapolis, IN)

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Hall D (Main Tent)

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Live Case Operator

James Bernard Hermiller

Indianapolis, IN

Co-Chair: David E. Kandzari

Co-Chair: Ajay J. Kirtane

Panelist: Alaide Chieffo

Panelist: Anthony Gershlick

Panelist: Christoph Hammerstingl

Panelist: Cindy L. Grines

Panelist: Charles J. Davidson

Panelist: Robert Pyo

### Interventional Cardiology - Late-Breaking Clinical Trials

#### Session #408

#### Featured Clinical Research II: Interventional

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Room 201

CME Hours: /CNE Hours:

Chair: Robert A. Harrington

Co-Chair: Gregg W. Stone

Panelist: Megan Coylewright

Panelist: Howard C. Herrmann

Panelist: Francesco Maisano

Panelist: Sunil V. Rao

Panelist: Alan Zajarias

12:30 p.m.

Real-World Comparative Effectiveness of Transcatheter Versus Surgical Aortic Valve Replacement in the United States: An Analysis From Two US Registries Linked to Medicare Data

J. Matthew Brennan, David Cohen, David Shahian, Dadi (David) Dai, Laine Thomas, Alice Wang, Michael Mack, David Holmes, Fred Edwards, Zvi Frankel, Suzanne Baron, John Carroll, Vinod Thourani, E. Murat Tuzcu, Suzanne Arnold, Roberta Cohn, Todd Maser, Sean O'Brien, Felicia Graham, Roland Matsouaka, Michael Pencina, Eric Peterson, Duke Clinical Research Institute, Durham, NC, USA

12:40 p.m.

Panel Discussion

12:45 p.m.

Comparison of In-Hospital and 1-Year Outcomes of Transcatheter Aortic Valve Replacement for Failed Surgical Bioprosthesis Versus Native Aortic Stenosis From the STS/ACC TVT Registry

E. Murat Tuzcu, Samir Kapadia, Michael Mack, David Holmes, John Carroll, Vinod Thourani, Frederick Grover, Rakesh Suri, Lars Svensson, J. Matthew Brennan, Sreekanth Vemulapalli, Cleveland Clinic, Cleveland, OH, USA

12:55 p.m.

Panel Discussion

1:00 p.m.

Procedural and Clinical Outcomes in Transcatheter Aortic Valve Replacement for Bicuspid Versus Tricuspid Aortic Valve Stenosis

Sung-Han Yoon, Victoria Delgado, Ole De Backer, Gidon Perlman, Danny Dvir, Azeem Latib, Marco Barbanti, Erik Holy, Yohei Ohno, Philipp Blanke, Rahul Sharma, Yigal Abramowitz, Tarun Chakravarty, Fabian Nietlispach, David Hildick-Smith, Mohamed Abdel-Wahab, Thierry Lefevre, Seung-Jung Park,

Jeroen Bax, Susheel Kodali, Martin Leon, Sabine Bleiziffer, John Webb, Lars Sondergaard, Raj Makkar, Cedars Sinai Medical Center, Los Angeles, CA, USA

1:10 p.m.

Panel Discussion

1:15 p.m.

Radiation Exposure and Vascular Access in Acute Coronary Syndromes: The RAD Matrix Study

Alessandro Sciahbasi, Enrico Frigoli, Alessandro Sarandrea, Martina Rothenbuhler, paolo calabrò, Alessandro Lupi, Francesco Tomassini, Bernardo cortese, stefano rigattieri, Enrico Cerrato, Dennis Zavalloni, Zingarelli Antonio, Paolo Calabria, paolo rubartelli, Gennaro Sardella, Matteo Tebaldi, Stephan Windecker, Peter Juni, Dik Heg, Marco Valgimigli, Swiss Cardiovascular Center, Bern, Switzerland, Sandro Pertini Hospital - ASL RM2, Rome, Italy

1:25 p.m.

Panel Discussion

1:30 p.m.

Clinical Outcomes at 1-Year After Commercial Transcatheter Mitral Valve Repair in the United States

Paul Sorajja, Paul Sorajja, Ted Feldman, Sreekanth Vemulapalli, Saibal Kar, David Holmes, Amanda Stebbins, Vinod Thourani, Michael Mack, Gorav Ailawadi, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

1:40 p.m.

Panel Discussion

### Interventional Cardiology - International

#### Session #520

#### New Perspectives and Updates in STEMI Care: Joint Symposium of the Chinese Society of Cardiology and American College of Cardiology

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Room 145 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: C. Michael Valentine

Co-Chair: Junbo Ge

Co-Chair: Yong Huo

12:30 p.m.

Introduction to Session

C. Michael Valentine

Lynchburg, VA

12:30 p.m.

Introduction to Session

Junbo Ge

Shanghai, China

12:30 p.m.

Introduction to Session

Yong Huo

Beijing, China

12:35 p.m.

Current Situation of China Chest Pain Center

Dingcheng Xiang

Guangzhou, China

12:50 p.m.

STEMI Care in the U.S.: 10 Years of Intense Focus

Aaron D. Kugelmass

Springfield, MA

1:05 p.m.

STEMI Rescue Status in China



Wang Yan  
Xiamen, China

1:20 p.m.  
FFR to Prevent Inappropriate Coronary Revascularization: Can Data  
Rehabilitate the Zealous Stake Holders?  
Brian O'Murchu  
Philadelphia, PA

1:35 p.m.  
Discussion

### Interventional Cardiology - Scientific

**Session #691**  
**Overuse, Underuse or Just Right? Fundamental Debates in High Risk  
PCI in 2017**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Room 202 B  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: David J. Cohen  
Co-Chair: Robert W. Yeh

12:30 p.m.  
Part I: High Risk PCI in 2017

12:30 p.m.  
Stop Taking Futile Cases to the Cath Lab! Sometimes It Is Right to Say No  
Alice K. Jacobs

12:40 p.m.  
Take More High Risk Cases to the Cath Lab! Physician Risk Aversion is  
Harming Patients  
Duane S. Pinto  
Boston, MA

12:50 p.m.  
Question and Answer

12:55 p.m.  
Part II: Chronic Total Occlusion PCI in 2017

12:55 p.m.  
Chronic Total Occlusion PCI: Just Because We Can, Doesn't Mean We Should  
Kirk N. Garratt  
Newark, DE

1:05 p.m.  
Chronic Total Occlusion PCI: Underused, Underappreciated  
William L. Lombardi  
Bellingham, WA

1:15 p.m.  
Question and Answer

1:20 p.m.  
Part III: Hemodynamic Support in 2017

1:20 p.m.  
Hemodynamic Support for High Risk PCI: Stop the Madness- Expensive and  
Data-free  
Frederick G.P. Welt  
Salt Lake City, UT

1:30 p.m.  
Hemodynamic Support for High Risk PCI: Critical for Patients and Providers  
William W. O'Neill  
Detroit, MI

1:40 p.m.  
Question and Answer

### Interventional Cardiology - Scientific Session #692

**Imaging Transcatheter Mitral Valve Repair and Replacement**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Room 206  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Paul Sorajja  
Co-Chair: Christian Spies  
Panelist: Vasilis C. Babaliaros  
Panelist: Ignacio Inglessis  
Panelist: Sreekanth Vemulapalli

12:30 p.m.  
Overview of Current Transcatheter Mitral Valve Repair and Replacement  
Strategies  
Jason Rogers  
Sacramento, CA

12:40 p.m.  
Case Presentation: Complex Mitraclip and Transcatheter Mitral Valve in Ring  
Christian Spies  
Honolulu, HI

12:45 p.m.  
Case Discussion

12:55 p.m.  
Case Presentation: Mitral Valve in Valve and Native Percutaneous Mitral  
Valve Replacement  
Paul Sorajja  
Minneapolis, MN

1:00 p.m.  
Case Discussion

1:10 p.m.  
Mitraclip: TEE Essentials for an Effective Screening and Patient Selection  
Robert J. Siegel  
Los Angeles, CA

1:16 p.m.  
Post-Procedural Echocardiography to Judge Mitraclip Results  
Chari Hart  
Honolulu, HI

1:22 p.m.  
Mitral Valve in Native Mitral Valve: How to Avoid LVOT Obstruction  
Mayra E. Guerrero  
Evanston, IL

1:28 p.m.  
How to Maintain Outcomes and Quality with Increasingly Performed TMVR  
Therapies: Imaging Options  
Eric Velazquez  
Durham, NC

1:34 p.m.  
Question and Answer

### Interventional Cardiology - Scientific Session #693

**Contemporary Role of Intracoronary Imaging: Candid Conversation  
with Peers**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Room 207 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Ziad Ali  
Co-Chair: Subhash Banerjee



Panelist: Khaldoun Alaswad  
Panelist: Emmanouil Brilakis  
Panelist: Gary S. Mintz

12:30 p.m.  
The Value Proposition of Intracoronary Imaging in Contemporary Practice  
Ehrin Armstrong  
Denver, CO

12:38 p.m.  
Intracoronary Imaging During Primary PCI  
Emmanouil Brilakis  
Dallas, TX

12:46 p.m.  
Case Presentation: Incomplete Stent Apposition versus Inadequate Stent Expansion  
Hiram Bezerra  
Cleveland, OH

12:51 p.m.  
Panel Discussion with Question and Answer

12:55 p.m.  
OCT Guided PCI - Precision Stenting  
Khaldoun Alaswad  
Detroit, MI

1:03 p.m.  
Intracoronary Imaging to Determine the Causes of isR and ST  
Ziad Ali  
New York, NY

1:11 p.m.  
Case Presentation: Coronary Dissection and Subintimal Hematoma  
Gautam Kumar  
Decatur, GA

1:16 p.m.  
Panel Discussion with Question and Answer

1:20 p.m.  
Is Intracoronary Imaging to Identify Vulnerable Plaque Still Relevant?  
Gary S. Mintz  
Washington, DC

1:28 p.m.  
FFR, IVUS, NIRS or OCT: Selecting One for My Lab or Should I Have It All  
Subhash Banerjee  
Dallas, TX

1:36 p.m.  
Case Presentation: Plaque Prolapse and Clinical Consequences  
Mazen S. Abu-Fadel  
Oklahoma City, OK

1:41 p.m.  
Panel Discussion with Question and Answer

**Interventional Cardiology - Moderated Poster Contributions**  
**Session #1224M**  
**Refining TAVR Outcomes**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall C  
CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: Daniel Howard Steinberg  
ACC Poster Moderator: Molly Szerlip

12:30 p.m.  
Significant Reduction of Cerebral Ischemic Events With the Sentinel Cerebral Emboli Protection Device in Patients With Transcatheter Aortic Valve Replacement  
Julia Seeger, Birgid Gonska, Wolfgang Rottbauer, Jochen Woehrle, University of Ulm, Ulm, Germany

12:40 p.m.  
Question and Answer

12:45 p.m.  
Frame Geometry and Hemodynamic Findings of Sapien 3 Transcatheter Heart Valve in Patients With Bicuspid Aortic Valve Disease  
Hiroyuki Kawamori, Sunghan Yoon, Tarun Chakravarty, Yoshio Maeno, Mohammad Kashif, Yigal Abramowitz, Geeteshwar Mangat, Sharjeel Israr, Masaki Miyasaka, Tanya Rami, Hasan Jilaihawi, Wen Cheng, Rahul Sharma, Raj Makkar, Cedars Sinai Medical Center, Los Angeles, CA, USA

12:55 p.m.  
Question and Answer

1:00 p.m.  
The Association of Coronary Artery Disease Severity and Pre Procedural Completeness of Revascularization on Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement  
Guy Witberg, Ehud Regev, Shmuel Chen, Abid Assali, Issi Barbash, David Planer, Hana Vaknin Assa, Victor Guetta, Vicky Zeniou, Katia Orvin, Haim Danenberg, Amit Segev, Ran Kornowski, Rabin Medical Center, Petach-Tikva, Israel

1:10 p.m.  
Question and Answer

1:15 p.m.  
Concentric Left Ventricular Remodeling Is Associated With Low-Flow Severe Aortic Stenosis and Less Reverse Remodeling After TAVR: A Partner 2 Trial Analysis  
Zachary Gertz, Philippe Pibarot, Robert Hodson, Rebecca Hahn, Neil Weissman, Pamela S. Douglas, Sammy Elmariah, Brian Lindman, Marie-Annick Clavel, Stamatis Lerakis, Amr Abbas, Vinod Thourani, Susheel Kodali, Samir Kapadia, Rakesh Suri, Raj Makkar, Michael Mack, Martin Leon, Howard Herrmann, Virginia Commonwealth University, Richmond, VA, USA, University of Pennsylvania, Philadelphia, PA, USA

1:25 p.m.  
Question and Answer

1:30 p.m.  
Incidence and Outcomes of Patients Requiring Surgical Bail-Out During Transcatheter Aortic Valve Replacement: A Report From the NCDR® STS/ACC Transcatheter Valve Therapy (TVT) Registry  
Andres M. Pineda Maldonado, J. Kevin Harrison, Neal Kleiman, Charanjit Rihal, Susheel Kodali, Ajay Kirtane, Martin Leon, Pratik Manandhar, Sreekanth Vemulapalli, Nirat Beohar, Duke University Medical Center, Durham, NC, USA

1:40 p.m.  
Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific**  
**Session #688**  
**Patient-Centered Imaging: Quality of Cardiac CT Evidence**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Room 140 B  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Mouaz Al-Mallah Arabia  
Co-Chair: William Weigold





12:30 p.m.

Current Randomized Trials Driving CT-Guided Care  
Todd Villines

12:45 p.m.

Value-Based CT: Cost-Effectiveness and Resource Utilization after Cardiovascular CT  
Leslee Shaw  
Atlanta, GA

1:00 p.m.

CT-FFR and CT-Perfusion: Ready for Widespread Utilization?  
Bjarne Norgaard  
Aarhus, Denmark

1:15 p.m.

Coverage and Reimbursement for Cardiac CT: Current Status  
Ahmad M. Slim  
New Orleans, LA

1:30 p.m.

Panel Questions and Answer

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific

#### Session #689

**Structural Heart Interventions: What Does the Imager Need to know**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Room 147 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Linda Gillam

Co-Chair: Neil Weissman

12:30 p.m.

Evolving Role of Imaging in TAVR  
Petros Nihoyannopoulos Kingdom

12:42 p.m.

Imaging in Peri-valvular Leak Interventions: Tips and Tricks  
Vera Rigolin  
Chicago, IL

12:54 p.m.

Imaging in Mitral Valve Interventions: E-clip and Beyond...  
Muhammed Saric  
New York, NY

1:06 p.m.

Emerging Structural Interventions: Lessons for the Imager (Valve in Valve, Tricuspid Valve, Watchman)  
Konstantinos Koulogiannis  
Morristown, NJ

1:18 p.m.

Identifying Complications with Imaging During Structural Heart Interventions  
Federico Asch  
Washington, DC

1:30 p.m.

Question and Answer

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific

#### Session #690

**Molecular Imaging in Heart Failure**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Room 147 B  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Albert Sinusas

Co-Chair: David Sosnovik

12:30 p.m.

Imaging of Myocardial Innervation  
John Canty

12:45 p.m.

Imaging of Myocardial Inflammation  
David Sosnovik  
Charlestown, MA

1:00 p.m.

Imaging of Hypoxia and ROS  
Robert Gropler  
Saint Louis, MO

1:15 p.m.

Imaging of Myocardial Remodeling  
Albert Sinusas  
New Haven, CT

1:30 p.m.

Question and Answer

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Moderated Poster Contributions

#### Session #1225M

**Hearts and Soles: Multimodality Imaging in Athletes**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

**Non Invasive Imaging Moderated Poster Theater, Poster Hall, Hall C**  
CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: Claudio Gil Araujo

12:30 p.m.

Ascending Aortic Dimensions in Former National Football League Athletes  
James L. Gentry, David Carruthers, Christopher Maroules, Parag Joshi, Colby Ayers, Philip Aagaard, Rory Hachamovitch, Reginald Dunn, Andrew Lincoln, Andrew Tucker, Kezia Alexander, Dermot Phelan, Heart and Vascular Institute at the Cleveland Clinic, Cleveland, OH, USA, University of Texas Southwestern Medical Center, Dallas, TX, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Temporal Sequence of Athlete's Heart Regression During Prescribed Exercise Detraining: *Diagnostic Implications*  
Charles Pedlar, Marcel Brown, James Otto, Aimee Drane, Jennifer Michaud Finch, Miranda Contursi, Robert Shave, Meagan Wasfy, Adolph Hutter, Aaron Baggish, Cardiovascular Performance Program, Massachusetts General Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Assessment of Coronary Atherosclerosis Using Calcium Scores in Short and Long Distance Runners



Omar Jafar, Jason Friedman, Ian Bogdanowicz, Aamir Muneer, Julie Ling, Anthony Messina, Michael Yen, Ian Portelli, Pranav Varanasi, Kamran Haleem, Vassar Brothers Medical Center, Poughkeepsie, NY, USA

1:10 p.m.  
Question and Answer

1:15 p.m.  
The Mixed Race Athlete's ECG: Not So Black and White  
Aneil Malhotra, Prashant Rao, Harshil Dhutia, Sabiha Gati, Tee Joo Yeo, Rajit Khosla, Vivek Prasad, Michael Papadakis, Sanjay Sharma, St. George's University of London, London, United Kingdom

1:25 p.m.  
Question and Answer

1:30 p.m.  
Global & Basal Longitudinal Strain in NFL Combine Participants  
Dmitry Blumenkrants, Mark Berlacher, Reginald E. Dunn, Richard Kovacs, Harvey Feigenbaum, Andrew Tucker, Andrew Lincoln, Michael Scott Emery, Krannert Institute of Cardiology, Indianapolis, IN, USA

1:40 p.m.  
Question and Answer

### Non-Certified Industry Events - Learning Destinations

**Session #4207**  
**Know Your Patient Goals: Understanding the Goal-Oriented Approach in PAH (WHO Group 1)**  
Saturday, March 18, 2017, 12:30 p.m. - 1 p.m.  
Expo Hall 1357  
CME Hours: /CNE Hours:

12:30 p.m.  
Know Your Patient Goals: Understanding the Goal-Oriented Approach in PAH (WHO Group 1)  
Hunter Clay Champion  
Columbus, GA

### Non-Certified Industry Events - Learning Destinations

**Session #4116**  
**Orthostatics: What, Where, How (Allied HCPs)**  
Saturday, March 18, 2017, 12:30 p.m. - 1:15 p.m.  
Expo Hall 413  
CME Hours: /CNE Hours:

12:30 p.m.  
Orthostatics: What, Where, How (Allied HCPs)

### Prevention - Scientific

**Session #694**  
**Coming to Consensus in a New Era: The Role of Non-statin Therapies in ASCVD Risk Reduction**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Ballroom B  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Pamela Morris  
Co-Chair: Sidney Smith  
Panelist: Christie M. Ballantyne  
Panelist: Alan S. Brown  
Panelist: Carl E. Orringer

12:30 p.m.  
Improving Outcomes in ACS  
Akshay Pendyal  
Portland, OR

12:35 p.m.  
Panel Discussion

12:45 p.m.  
Question and Answer

12:55 p.m.  
Blurred Lines: The High-risk Patient with Subclinical Atherosclerosis  
Gregory Jackson  
Charleston, SC

1:00 p.m.  
Panel Discussion

1:10 p.m.  
Question and Answer

1:20 p.m.  
ASCVD Risk in DiaBetes: not So Sweet  
Justin Fongemie  
MA

1:25 p.m.  
Panel Discussion

1:35 p.m.  
Question and Answer

### Prevention - Moderated Poster Contributions

**Session #1222M**  
**The Intersection of Diabetes and ASCVD**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Prevention Moderated Poster Theater, Poster Hall, Hall C  
CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: Luis Afonso  
ACC Poster Moderator: Henry Ginsberg

12:30 p.m.  
Effects of Canagliflozin Versus Glimepiride on Inflammatory Biomarkers and Chemokines in Patients With Type 2 Diabetes Mellitus  
Luc Van Gaal, Tim Garvey, Lawrence Leiter, Ujjwala Vijapurkar, James List, Robert Cuddihy, Jimmy Ren, Michael Davies, Janssen Scientific Affairs, LLC, Raritan, NJ, USA

12:40 p.m.  
Question and Answer

12:45 p.m.  
Remnant Cholesterol Predicts the Development of Type 2 Diabetes Mellitus in Patients With Established Coronary Artery Disease  
Christoph H. Saely, Philipp Rein, Andreas Leihner, Alexander Vonbank, Daniela Zanolin, Heinz Drexel, Voralberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria

12:55 p.m.  
Question and Answer

1:00 p.m.  
Alirocumab Safety in Individuals With and Without Diabetes Mellitus: Pooled Data From 14 ODYSSEY Trials  
Lawrence Leiter, Francisco J. Tinahones, Dean Karalis, Maja Bujas-Bobanovic, Alexia Letierce, Rita Samuel, Peter Jones, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Paris, France

1:10 p.m.  
Question and Answer

1:15 p.m.  
Anti-Diabetic Agents and Cardiovascular Outcomes in the Era of Novel Glucose-Lowering Drugs  
Xiaodong Zhuang, Xin He, Daya Yang, Zhimin Du, Xinxue Liao, First Affiliated Hospital, Sun Yat-Sen University, Guangzhou, People's Republic of China



1:25 p.m.

Question and Answer

1:30 p.m.

Average Clinician Measured Blood Pressure Predict Cardiovascular Outcomes in Patients With Type 2 Diabetes Following Acute Coronary Syndromes in the EXAMINE Trial

William B. White, William Cushman, Stuart Kupfer, George Bakris, Richard Bergenstal, Simon Heller, Cyrus Mehta, Steven Nissen, Faiez Zannad, Yuyin Liu, Christopher Cannon, University of Connecticut School of Medicine, Farmington, CT, USA, Harvard Clinical Research Institute, Boston, MA, USA

1:40 p.m.

Question and Answer

### Special - Intensive

#### Session #55

#### Are We There Yet? The Long Journey to Health Equity: Part II

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Room 152 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Jennifer Mieres

Co-Chair: Harlan M. Krumholz

12:30 p.m.

Case Presentation: Highlight the Importance of Culture, Language and Health Literacy in Shared Decision-making and Medication and Treatment Adherence in Improving CV Outcomes

Icilda Veronica Fergus  
New York, NY

12:35 p.m.

Audience Question and Answer

12:40 p.m.

ACC-Talk: Race, Risk, Resilience: The 3R's of Health Disparities

Herman A. Taylor, Jr.  
Atlanta, GA

12:55 p.m.

Patient and Audience Interactive Panel Discussion: Social Determinants of Health; What Matters to the Patient with CVD; Creating a Transdisciplinary Center to Reduce CV Health Disparities

12:55 p.m.

Moderator: Patient and Audience Interactive Panel Discussion

Harlan M. Krumholz  
New Haven, CT

Panelist: Icilda Veronica Fergus

Panelist: Karol Harshaw-Ellis

Panelist: Kimberly Dawn Wisdom

Panelist - The Patient Perspective

James L. Young, II  
Detroit, MI

1:35 p.m.

Session Summary

Jennifer Mieres  
Lake Success, NY

### Special - Symposium

#### Session #108

#### Cardiovascular Update for the Clinician III: Cardio-Pulmonary Failure in 2017 (A Symposium by Valentin Fuster)

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Ballroom A

CME Hours: 1.25 /CNE Hours: 1.25

Chair: Valentin Fuster

Panelist: G. William Dec, JR

Panelist: Christopher M. Kramer

Panelist: Donna M. Mancini

12:30 p.m.

Imaging Diagnostic /Prognostic Approaches to Six Cardiomyopathies:

Myocarditis, Dilated, Amyloid, Sarcoid, Hypertrophic, Noncompaction

Christopher M. Kramer

Charlottesville, VA

12:45 p.m.

Systolic Dysfunction -- Early Diagnosis and Therapeutic Advances. Neprilysin inhibitors and Follow-up

G. William Dec, JR

Boston, MA

1:00 p.m.

Clinical / Therapeutic Approaches to Three Specific Cardiomyopathies:

Acute/Subacute Myocarditis, AL/TTR Amyloid, Non-Compaction

G. William Dec, JR

Boston, MA

1:15 p.m.

Recent Advances in LVADs and Myocardial Recovery An Evolving Alternative to Heart Transplantation

Donna M. Mancini

New York, NY

1:30 p.m.

Panel Discussion/Audience Question and Answer

### Special - Moderated Poster Contributions

#### Session #1229M

#### Interdisciplinary Cardiovascular Team Care Delivery: Quality, Safety, and Satisfaction

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Spotlight on Special Categories Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: George P. Rodgers

ACC Poster Moderator: Janet Fredal Wyman

12:30 p.m.

An Interventional Role for Clinical Pharmacists in Pulmonary Arterial

Hypertension Pharmacotherapy

Lisa N. Nguyen, Joan Wei-Ormond, Peter I. Chuang, Kaiser Permanente  
Washington, Renton, WA, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Patient Navigator Team Approach Successfully Reduces 30-Day Heart Failure Readmission Rate

Katherine DiPalo, Manaf Assafin, Wanda Mojica, Ileana Pina, Montefiore  
Medical Center, Bronx, NY, USA

12:55 p.m.

Question and Answer



1:00 p.m.

See You in 7: An Advanced Practice Provider Post PCI Clinic Improving Transition of Care

Kristin Doster, Charlene Shallow, Donita Schrey, John Gill, Katie Gaudian, Prairie Cardiovascular Consultants, Springfield, IL, USA, HSHS St. John's Hospital, Springfield, IL, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Homelessness and Heart Failure: A Novel Prescription

Carolyn Dickens, Stephen Brown, Rebecca Schuetz, Vicki Groo, Karen Vuckovic, Thomas Stamos, University of Illinois and Chicago, Chicago, IL, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Heart Failure Hotline as an Innovation to Address Medication Issues

Vicki L. Groo, Rebecca Schuetz, Carolyn Dickens, Karen Vuckovic, Christopher Gans, Thomas Stamos, University of Illinois at Chicago, Chicago, IL, USA

1:40 p.m.

Question and Answer

### Valvular Heart Disease - Scientific

#### Session #695

#### Innovations in Valvular Heart Disease Diagnosis and Treatment

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Room 204 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Stephen Little

Co-Chair: Natesa Pandian

12:30 p.m.

New Biomarkers for Valvular Heart Disease Assessment

Brian Lindman

12:38 p.m.

Question and Answer

12:42 p.m.

Assessment of Regurgitant Volume: 3D Flow with Echo

Mani Vannan

Atlanta, GA

12:50 p.m.

Question and Answer

12:54 p.m.

CT and CMR: New Imaging Tools for Advanced Valvular Assessment

Jonathon Leipsic

Vancouver, Canada

1:02 p.m.

Question and Answer

1:06 p.m.

3D Bioprinting for Valvular Heart Disease and Individualized Interventions

Stephen Little

Houston, TX

1:14 p.m.

Question and Answer

1:19 p.m.

Heart Valve Engineering: The Next Frontier

Arash Kheradvar

Pasadena, CA

1:27 p.m.

Question and Answer

1:31 p.m.

Improving QoL Prediction Post-TAVR?

Suzanne Arnold

Kansas City, MO

1:39 p.m.

Question and Answer

### Valvular Heart Disease - Moderated Poster Contributions

#### Session #1221M

#### TAVR Outcomes Prognostication

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Valvular Heart Disease Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: Adnan Chhatriwalla

ACC Poster Moderator: Tom C. Nguyen

12:30 p.m.

Prognostic Value of Right Ventricle-Pulmonary Artery Coupling in TAVR

Patients: Time to Integrate the Right Side Unit

Joao Cavalcante, Islam Abdelkarim, Michael Sharbaugh, Andrew Althouse,

Jeffrey Xu, Wei Han, William Katz, Frederick Crock, Matthew Harinstein,

Dustin Kliner, Forozan Navid, Joon Lee, John Schindler, Thomas Gleason,

University of Pittsburgh, Pittsburgh, PA, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Predictors and Clinical Outcomes of Next-Day Discharge After Transcatheter Aortic Valve Replacement

Norihiko Kamioka, John Wells, Stamatios Lerakis, Frank Corrigan, Jose

Condado Contreras, Hope Caughron, Andy Dong, Patricia Keegan, Amy

Simone, Jose Binongo, Bradley Leshnower, Chandan M. Devireddy, Kreton

Mavromatis, Robert Guyton, Vinod Thourani, Peter Block, Vasilis Babaliaros,

Emory University, Atlanta, GA, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Cardiac Plasticity Predicts Outcome After Transcatheter Aortic Valve

Replacement in Patients With Severe Aortic Stenosis

Kimi Sato, Arnav Kumar, Brandon Jones, Stephanie Mick, Amar

Krishnaswamy, Richard Grimm, Milind Y. Desai, Brian Griffin, L. Leonardo

Rodriguez, Samir Kapadia, Zoran Popovic, Cleveland Clinic, Cleveland, OH,

USA

1:10 p.m.

Question and Answer

1:15 p.m.

High Baseline Valvuloarterial Impedance Predicts Worse 1-Year Outcomes After Transcatheter Aortic Valve Replacement

Cheng-Han Chen, Matthew Brinkman, Omar Khaliq, Tamim Nazif, Torsten

Vahl, Isaac George, Amisha Patel, Pablo Codner, Remi Kouz, Juan Terre,

Jennifer Jantz, Ming Liao, Martin Leon, Susheel Kodali, Rebecca Hahn,

Columbia University Medical Center, New York, NY, USA

1:25 p.m.

Question and Answer



1:30 p.m.

Geriatric Assessment Tools and Outcome Prediction in Transcatheter Aortic Valve Replacement

Clara Kwan, Melvyn Hecht, Sunday Olatunde, Antigone Hatzimihailis, Peter Homel, Paul Saunders, Gregory Crooke, Greg Ribakove, Robert Frankel, Jacob Shani, Maimonides Medical Center, Brooklyn, NY, USA

1:40 p.m.

Question and Answer

### Vascular Medicine - Scientific

#### Session #696

**Vasculo-Oncology: What You Need to Know About Vascular and Thrombotic Complications of Cancer and Cancer Therapeutics**

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Room 209 C

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Umberto Campia

Co-Chair: Javid Moslehi

12:30 p.m.

Endothelial Dysfunction and Atherosclerosis Related to Cancer Therapies: How is it Relevant in Clinical Practice?

Joshua Beckman

12:38 p.m.

What is New in the Management of Radiation-Induced Vascular Disease

John Groarke

Boston, MA

12:46 p.m.

Debate: Optimal Treatment Approaches to Cancer-Induced Thrombosis: VKA vs LMWH vs DOACs: Pro-VKA

Joe Lau

Manhasset, NY

12:52 p.m.

Debate: Optimal Treatment Approaches to Cancer-Induced Thrombosis: VKA vs LMWH vs DOACs: Pro-LMWH

Teresa Carmen

Cleveland, OH

12:58 p.m.

Debate: Optimal Treatment Approaches to Cancer-Induced Thrombosis: VKA vs LMWH vs DOACs: Pro-DOACs

Geoffrey Barnes

Ann Arbor, MI

1:04 p.m.

Anticoagulation Strategies in the Cancer Patient with Aggressive Thromboses (Includes Case Presentations)

James Froehlich

Ann Arbor, MI

1:12 p.m.

Chemotherapeutic-Associated Hypertension: Molecular Basis

Elie Mouhayar

Bellaire, TX

1:20 p.m.

Chemotherapeutic Associated Hypertension: Clinical Evaluation and Management

Ana Barac

Bethesda, MD

1:28 p.m.

Management of Edema in the Patient with Cancer

Steven M. Dean

Columbus, OH

1:36 p.m.

Panel Discussion with Audience Question and Answer

### Vascular Medicine - Core Curriculum

#### Session #810

**Core Curriculum: Head to Toe Catheter Based Interventions**

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Room 151 A

CME Hours: 1.25 /CNE Hours: 1.25

Chair: Herbert D. Aronow

12:30 p.m.

Carotid Artery Stenting: Preserve the Brain

Faisal Latif

Oklahoma City, OK

12:50 p.m.

Renal Artery Stenosis: Is There Evidence to Revascularize?

Anuj Gupta

New York, NY

1:10 p.m.

Limb Ischemia: Tales of Success in Saving Limbs

Mehdi H. Shishehbor

Cleveland, OH

1:30 p.m.

Question and Answer

### Vascular Medicine - Moderated Poster Contributions

#### Session #1228M

**Uncovering the Intricacies of Vascular Function**

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Vascular Medicine Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: Naomi Hamburg

ACC Poster Moderator: Soo Hyun (Esther) Kim

12:30 p.m.

Ticagrelor Improves Microvascular Function: Results of a Cross-Over Study  
Mistre Alemayehu, Richard Kim, Sabrina Wall, Sabrina D'Alfonso, Sara LeMay, Ronit Lavi, Inna Gong, Shahar Lavi, London Health Sciences Centre, London, Canada

12:40 p.m.

Question and Answer

12:45 p.m.

Atorvastatin Active Metabolite Inhibits Oxidation of ApoB-Containing Lipoprotein Particles of Different Sizes Measured *In Vitro* Under Hyperglycemic Conditions

R. Preston Mason, Samuel C. R. Sherratt, Robert F. Jacob, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

12:55 p.m.

Question and Answer

1:00 p.m.

The Impact of Natural Chios Mastic Supplementation on Endothelial Function and Arterial Stiffness in Smokers

Vasiliki Tsigkou, Gerasimos Siasos, Evangelos Oikonomou, Konstantinos Mourouzis, George-Angelo Papamikroulis, Eleni Kokkou, Georgia Vogiatzi, Nikolaos Gouliopoulos, Sotirios Tsalamandris, Nikolaos Papageorgiou, Savvas Mazaris, Manolis Vavuranakis, Christodoulos I. Stefanadis, Dimitris Tousoulis, National and Kapodistrian University of Athens, Athens, Greece

1:10 p.m.

Question and Answer





1:15 p.m.

Dapagliflozin Improves Arterial Stiffness in Patients With Type 2 Diabetes Mellitus

Camilo Fernandez-Alonso, Louise Roffidal, Gary Sander, Thomas Giles, Tulane University Health Sciences Center, New Orleans, LA, USA, HeartGEN Institute, Boston, MA, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Non-Coding RNAs Comprehensively Counteract Adverse Arterial Remodeling and Stiffening in Type 2 Diabetes

Uwe Raaz, Isabel Schellinger, Karin Mattern, Lena Mattes, Joshua Spin, Andreas Schuster, Lars Maegdefessel, Gerd Hasenfuss, Philip Tsao, Heart Center at the University Medical Center Goettingen, Goettingen, Germany

1:40 p.m.

Question and Answer

### Non-Certified Industry Events - Learning Destinations

#### Session #4309

**Stronger Hearts™ Best Practices Award Winner Highlights - Illuminating Community Programs Addressing Heart Failure**  
Saturday, March 18, 2017, 12:45 p.m. - 1:30 p.m.

Expo Hall 1154

CME Hours: /CNE Hours:

12:45 p.m.

Stronger Hearts™ Best Practices Award Winner Highlights - Illuminating Community Programs Addressing Heart Failure

John Clymer  
Washington, DC

12:45 p.m.

Stronger Hearts™ Best Practices Award Winner Highlights - Illuminating Community Programs Addressing Heart Failure

Clyde W. Yancy  
Chicago, IL

12:45 p.m.

Stronger Hearts™ Best Practices Award Winner Highlights - Illuminating Community Programs Addressing Heart Failure

Carolyn Koenig  
Washington, DC

12:45 p.m.

Stronger Hearts™ Best Practices Award Winner Highlights - Illuminating Community Programs Addressing Heart Failure

Marie Ann Bakitas  
Birmingham, AL

### Non-Certified Industry Events - Learning Destinations

#### Session #4013

**Repatha® (evolocumab): A Focused Clinical Review**  
Saturday, March 18, 2017, 12:45 p.m. - 1:45 p.m.

Expo Hall 2255

CME Hours: /CNE Hours:

12:45 p.m.

Repatha® (evolocumab): A Focused Clinical Review

Michael Davidson  
Chicago, IL

### Non-Certified Industry Events - Learning Destinations

#### Session #4005

**Johnson & Johnson's Commitment to Afib: Rhythm Management and Stroke Risk Reduction**

Saturday, March 18, 2017, 12:45 p.m. - 2 p.m.

Expo Hall 1955

CME Hours: /CNE Hours:

12:45 p.m.

Johnson & Johnson's Commitment to Afib: Rhythm Management and Stroke Risk Reduction

Scott S. Brehaut  
Utica, NY

12:45 p.m.

Johnson & Johnson's Commitment to Afib: Rhythm Management and Stroke Risk Reduction

Marcelo A. Jimenez  
Palm Beach, FL

### Non-Certified Industry Events - Learning Destinations

#### Session #4103

**Advanced Heart Failure and VAD Therapy**

Saturday, March 18, 2017, 1 p.m. - 1:45 p.m.

Expo Hall 1849

CME Hours: /CNE Hours:

1:00 p.m.

Advanced Heart Failure and VAD Therapy

Jeffrey Teuteberg  
Pittsburgh, PA

### Acute and Stable Ischemic Heart Disease - Poster Contributions

#### Session #1251

**Emerging Basic Science in Ischemic Heart Disease**

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

297 - Myocardial Hemorrhage After Coronary Ischemia-Reperfusion Leads to an Iron-Mediated, Self-Perpetuating Loop of Foam Cell and Ceroid Accumulation

Ivan Cokic, Kolja Wawrowsky, Avinash Kali, Hsin-Jung Yang, Richard Tang, Joseph Francis, Rohan Dharmakumar, Cedars-Sinai Medical Center, Los Angeles, CA, USA

298 - Serum Prolydase Activity in Stable Coronary Artery Disease and Acute Myocardial Infarction

Adnan Sultan, Yuting Zheng, Patrick J. Trainor, Siow Yong, Alok R. Amraotkar, Bradford G. Hill, Andrew P. DeFilippis, University of Louisville, Louisville, KY, USA

299 - DPP4 Inhibition by Linagliptin Prevents Cardiac Dysfunction and Inflammation by Targeting the Nlrp300 - Platelet Aggregability, Coagulation, Fibrinolysis and Inflammation in Patients With Coronary Artery Disease and Previous Cerebrovascular Ischemic Event

Carlos José Dornas Gonçalves Barbosa, Renata Barreiros, Andre Franci, Remo Furtado, Flavia Arantes, Célia Strunz, Rocha Tania, Jose Antonio F. Ramires, Roberto Kalil-Filho, Jose Nicolau, Heart Institute, University of São Paulo, São Paulo, Brazil

301 - Imbalance Between E-NOS and MRP4 Gene Expression in Type 2 Diabetes Mellitus May Explain the Higher Risk of NSTEMI in Diabetic Subjects  
Luigi M. Biasucci, Giulio La Rosa, Claudia Mandolini, Maria Chiara Grimaldi, Filippo Crea, Catholic University, Rome, Italy

302 - Thrombolysis in Coronary Micro-Circulation Occlusion by Dodecafluoropentane Acoustic Vaporizable Nano-Droplet With Ultrasound Irradiation



**Bo Hu**, Nan Jiang, Qing Zhou, Jin-Ling Chen, Sheng Cao, Jing-Jing Cui, Rui-Qiang Guo, Renmin Hospital of Wuhan University, Wuhan, People's Republic of China

### Acute and Stable Ischemic Heart Disease - Poster Contributions Session #1252

#### Antithrombotic Therapy in Ischemic Heart Disease

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

303 - Time-Trends in Antithrombotic Management of Patients With AF/Flutter Treated With Coronary Stents: An International Multicenter Retrospective Analysis

**Brian J. Potter**, Ricardo Ladeiras-Lopes, Giuseppe Ando', Giovanni Cimmino, Zied Frikah, Xinyue Chen, Joao Goncalves-Almeida, Vittorio Virga, A. John Camm, Keith Fox, Centre de Recherche du Centre Hospitalier de l'Université de Montréal, Montreal, Canada

304 - Shorter- Versus Longer-Duration Triple Antithrombotic Therapy for Patients With Coronary Stents Who Require Oral Anticoagulation: An Updated Comprehensive Meta-Analysis

**Mohamed Morsy**, Mark Heckle, Muhammad Shahreyar, Glenda Delgado, Kodangudi Ramanathan, Kelly Rogers, Rahman Shah, University of Tennessee, Memphis, TN, USA

305 - Bivalirudin and Unfractionated Heparin Have Equivalent Outcomes in Non-Acute Coronary Syndrome Patients

**Perwaiz M. Meraj**, Rajkumar Doshi, Bhavitha George, Amitkumar Patel, Rajiv Jauhar, Northwell Health, Manhasset, NY, USA

306 - Rivaroxaban Users Have Significantly Less Treatment Discontinuation Compared With Users of Other Oral Anticoagulants in Non-Valvular Atrial Fibrillation

Colleen McHorney, **Veronica Ashton**, François Laliberté, Guillaume Germain, Willy Wynant, Concetta Crivera, Jeffrey Schein, Patrick Lefebvre, Eric Peterson, Janssen Scientific Affairs, Raritan, NJ, USA, Groupe d'Analyse Ltée, Montreal, Canada

307 - Long-Term Outcome With Oral Anticoagulants With or Without Dual Antiplatelet Therapy After a.m.I.: The Fast-Mi 2010 Registry

**Tabassome Simon**, Etienne Puymirat, François Schiele, Guillaume Cayla, Loïc Belle, Gilles Lemesle, Bernard Jouve, Meyer Elbaz, Nicolas Danchin, APHP, Site Saint Antoine, Paris, France, APHP, HEGP, Paris, France

308 - Effects of Low Molecular Weight Heparin Versus Dabigatran on Platelet Aggregation in Patients With Stable Coronary Artery Disease

**Flavia Bittar Britto Arantes**, Fernando Menezes, Andre Franci, Carlos Barbosa, Talia F. Dalcoquoio, Carlos K. Nakashima, Aline Ferrari, Marco Scanavini Filho, Remo Furtado, Luciano Baracioli, Jose Ramires, Roberto Kalil-Filho, Jose Nicolau, Incor Heart Institute, São Paulo, Brazil

309 - Changes in Thrombotic Parameters in Patients With Refractory Angina and Raised Lipoprotein(a) Treated With Lipoprotein Apheresis

**Tina Z. Khan**, Mahmoud Barbir, Dudley J. Pennell, Diana A. Gorog, Royal Brompton and Harefield Hospital, London, United Kingdom, Imperial College London, London, United Kingdom

310 - Role of Anticoagulation Therapy After Anterior Wall ST-Elevation Myocardial Infarction in Preventing LV Thrombus: A Meta-Analysis and Meta-Regression

**Mohammed Makkiya**, Pedro Villablanca, Mohammed Algodi, David Briceno, Maday Gonzalez, Faraj Kargoli, Tanush Gupta, Sahil Agrawal, Arthur Omondi, Divyanshu Mohananey, Nirmanmoh Bhatia, Jose Wiley, Harish Ramakrishna, Mark Menegus, Anna Bortnick, Cynthia Taub, Mario Garcia, Montefiore Medical Center/Albert Einstein College of Medicine, Bronx, NY, USA

311 - Ticagrelor Adherence After Drug Eluting Stent Placement at a Large Academic Medical Center

**Kamal Shemisa**, Christopher Clark, Kristin Alvarez, Houman Khalili, Wanpen Vongpatanasin, Sandeep Das, University of Texas Southwestern, Dallas, TX, USA, Parkland Memorial Hospital, Dallas, TX, USA

312 - High-Dose Humanin Analogue Applied During Ischemia Provides Cardioprotection Against Ischemia-Reperfusion Injury Through Attenuating Mitochondrial Dysfunction

**Savitree Thummasorn**, Krekwit Shinlapawittayatorn, Siriporn Chattipakorn, Nipon Chattipakorn, Cardiac Electrophysiology Research and Training Center, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand, Department of Oral Biology and Diagnostic Sciences, Faculty of Dentistry, Chiang Mai University, Chiang Mai, Thailand

313 - Clopidogrel Is Not Commonly Used but Associated With Less Re-Hospitalization in Patients With Perioperative Myocardial Infarction Following CABG Surgery

**Alice Wang**, Angie Wu, Daniel Wojdyla, Renato Lopes, L. Kristin Newby, Mark Newman, Peter K. Smith, John Alexander, Duke University Medical Center, Durham, NC, USA

314 - Ticagrelor Versus Clopidogrel Is Associated With Better Recovery of LV Function After Acute Myocardial Infarction

**Min Gyu Kang**, Jong-Hwa Ahn, Jeong Yoon Jang, Hyun Woong Park, Jin-Sin Koh, Jeong-Rang Park, Yongwhi Park, Seok-Jae Hwang, Choong Hwan Kwak, Jin-Yong Hwang, Young-Hoon Jeong, Department of Internal Medicine, Gyeongsang National University Hospital, Jinju, South Korea, Cardiovascular Center, Gyeongsang National University Changwon Hospital, Changwon, South Korea

315 - Vitamin D Binding Protein Rs7041 Polymorphism and High-Residual Platelet Reactivity in Patients Receiving Dual Antiplatelet Therapy With Clopidogrel or Ticagrelor

**Monica Verdoia**, Veronica Daffara, Paolo Marino, Giuseppe De Luca, AOU Maggiore della Carità, Università del Piemonte Orientale, Novara, Italy

### Acute and Stable Ischemic Heart Disease - Poster Contributions Session #1253

#### Acute Coronary Syndromes, Diagnosis, Management and Outcomes

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

316 - Non ST-Segment Elevation Myocardial Infarction Patient Outcomes in Teaching Hospital: A Nationwide Analysis

**Farid Gholitabar**, Ankit Chothani, Angela Palazzo, Mount Sinai St. Luke's and Mount Sinai West Hospital, New York, NY, USA

317 - Adjusted Odds of Inpatient Mortality for Non-ST Elevation Myocardial Infarction Is Not Affected by Day of Admission: A Nationwide Analysis

**Farid Gholitabar**, Shawn Lee, Alejandro Lemor, Carlos Gongora, Abel Casso Dominguez, Eyal Herzog, Mount Sinai St. Luke's and Mount Sinai West Hospital, New York, NY, USA

318 - Association Between Asian Ethnicity and a Higher Rate of Blood Transfusion in ST-Elevation Myocardial Infarction

**Naoki Misumida**, Gbolahan Ogunbayo, Odunayo Olorunfemi, Ayman Elbadawi, Deola Saheed, Gill Heart Institute, University of Kentucky, Lexington, KY, USA

319 - Early Versus Delayed Invasive Intervention for Non-ST Segment Elevation Myocardial Infarction Patients: A Nationwide Analysis

**Abel Casso Dominguez**, Alejandro Lemor, Shawn Lee, Yasmin I. Herrera, Daniel Leal, Georges El-Hayek, Mount Sinai St. Luke's West Hospital Center, New York, NY, USA



**320 - Direct Comparison of Cardiac Myosin-Binding Protein C to Cardiac Troponins for the Early Diagnosis of Acute Myocardial Infarction**

Thomas Edward Kaier, Raphael Twerenbold, Christian Puelacher, Jack Marjot, Nazia Imambaccus, Jasper Boeddinghaus, Thomas Nestelberger, Karin Wildi, Maria Rubini, Tobias Reichlin, Michael Marber, Christian Mueller, King's College London BHF Centre, London, United Kingdom, Cardiovascular Research Institute Basel (CRIB), University Hospital Basel, Basel, Switzerland

**321 - Cardiac Myosin-Binding Protein C as Alternative to Cardiac Troponin T for the Diagnosis of Acute Myocardial Infarction in the Very Early Phase**

Thomas Edward Kaier, Carsten Stengaard, Jack Marjot, Jacob Sorensen, Stavroula Stavropoulou-Tatla, Christian Terkelsen, Kristian Thygesen, Michael Marber, Hans Botker, King's College London, London, United Kingdom, Aarhus University, Aarhus, Denmark

**322 - Burden of 30-Day Readmissions in Acute Myocardial Infarction and Heart Failure in the United States: A National Perspective**

Rohan Khara, Saket Girotra, Ambarish Pandey, Snigdha Jain, Colby Ayers, Sandeep Das, Jarett Berry, James A. de Lemos, Gregg Fonarow, UT Southwestern Medical Center, Dallas, TX, USA, University of Iowa, Iowa City, IA, USA

**323 - Steep Decrease in the Rate of Myocardial Infarction From 2000 to 2008**

Ehab Tuppo, Mihir Trivedi, Julian Daevmer, Javier Cabrera, William J. Kostis, John Pantazopoulos, John B. Kostis, George Rhoads, for the Myocardial Infarction Data Acquisition System (MIDAS) Study Group, The Cardiovascular Institute of New Jersey, New Brunswick, NJ, USA, Rutgers, The State University of New Jersey, New Brunswick, NJ, USA

**324 - Bleeding Risk Models in Acute Coronary Syndrome: Meta-Analysis of Performance**

Tom Kai Ming Wang, Yi-Wen Liao, Michael Tzu Min Wang, Ralph Stewart, Harvey White, Auckland City Hospital, Auckland, New Zealand, University of Auckland, Auckland, New Zealand

**325 - Medicare Reimbursement Associated With an a.m.I Hospitalization and 90-Days Post-Discharge**

Aaron D. Kugelmass, David Cohen, Phillip Brown, Matthew Reynolds, Marc Katz, Michael Schlosser, April Simon, Steven Culler, HealthTrust, Brentwood, TN, USA

**326 - The Presence of Fragmented QRS Complexes Early After Acute Myocardial Infarction Is Associated With Subsequent Lack of Favorable Left Ventricular Remodeling**

Derek Chew, Rozsa Sas, Haris Vaid, Katherine Kavanagh, Caroline Liong Eng Tan-Mesiatsowsky, Danielle Southern, Andrew Howarth, James White, Stephen Wilton, Derek V. Exner, Libin Cardiovascular Institute of Alberta, Calgary, Canada, University of Calgary, Calgary, Canada

**327 - 30-Day Unplanned Readmission Rates, Cost, Predictors, and Causes of Hospitalization in Acute Myocardial Infarction Patients**

Uvesh Mansuri, Smit Patel, Neel Patel, Rajvee Patel, Ronak Soni, Mohit Pahuja, Dhara Patel, Vinshi Naz Khan, Icahn School of Medicine at Mount Sinai, New York, NY, USA

**328 - Prediction of 30-Day Readmissions in Patients Admitted for Acute Myocardial Infarction (AMI)**

Michael Salerno, Nancy Fauber, Dorothy Wessels, Robert Case, Vertilio Cornielle Caamano, Mark Conaway, Ellen Keeley, University of Virginia Health System, Charlottesville, VA, USA

**329 - Statin Utilization Patterns During Inpatient Admissions for Acute Coronary Syndrome (ACS)**

Susan Boklage, Elisabetta Malangone-Monaco, Lorena Lopez-Gonzalez, Yao Ding, Caroline Henriques, Joseph Ellassal, Rishi Wadhwa, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Bridgewater, NJ, USA

**330 - Predictors of Ischemic Events Within and After 1 Year After an Acute Coronary Syndrome: Results From the EPICOR Registry**

Uwe Zeymer, Xavier Rossello, Stuart J. Pocock, Frans Van de Werf, Nicolas Danchin, Lieven Annemans, Jesús Medina, Héctor Bueno, Klinikum Ludwigshafen and Institut für Herzinfarktforschung Ludwigshafen, Ludwigshafen, Germany

**331 - Angiographic Healing of Spontaneous Coronary Artery Dissection**

Roshan Prakash, Andrew Starovoytov, Eve Aymong, Jacqueline Saw, Vancouver General Hospital, Vancouver, Canada

**332 - Time to Acute Care Among Patients With Acute Myocardial Infarction in China: A Report From China Patient-Centered Evaluative Assessment of Cardiac Events Prospective Study of Acute Myocardial Infarction**

Wenchi Guan, Arjun K. Venkatesh, Xueke Bai, Si Xuan, Jing Li, Xin Zheng, Li Xi, Haibo Zhang, Frederick Masoudi, John Spertus, Harlan Krumholz, Lixin Jiang, Fuwai Hospital, CAMS & PUMC, Beijing, People's Republic of China, National Center for Cardiovascular Diseases, Beijing, People's Republic of China

**333 - Incidence and Prognostic Implications of the Presence of Multiple Complex Plaques in Survivors of ST-Elevation Myocardial Infarction**

Jaclyn Carberry, David Carrick, Caroline Haig, Margaret McEntegart, Mark Petrie, M. Mitchell Lindsay, Stuart Hood, Stuart Watkins, Andrew Davie, Ahmad Mahrous, Aadil Shaukat, Ian Ford, Keith Oldroyd, Colin Berry, University of Glasgow, Glasgow, United Kingdom

**334 - Renal Replacement Therapy in Patients With Acute Myocardial Infarction: Rate of Use, Clinical Predictors and Relationship With In-Hospital Mortality**

Giancarlo Silvio Marenzi, Nicola Cosentino, Jeness Campodonico, Marco Moltrasio, Valentina Milazzo, Mara Rubino, Milena Cecere, Susanna Mosca, Monica De Metrio, Ivana Marana, Marco Grazi, Gianfranco Lauri, Antonio Bartorelli, Centro Cardiologico Monzino, IRCCS, Milan, Italy

**335 - Trends in the Use of High-Intensity Statin Therapy After Myocardial Infarction, 2011-2014**

Robert S. Rosenson, Michael Farkouh, Matthew Mefford, Vera Bittner, Todd Brown, Ben Taylor, Keri Monda, Hong Zhao, Yu Ling Dai, Paul Muntner, Icahn School of Medicine at Mount Sinai, New York, NY, USA

**336 - Incidence and Outcomes of Early Left Ventricular Thrombus Formation Following ST-Elevation Myocardial Infarction Treated With Primary Percutaneous Coronary Intervention**

Shafik Khoury, Sarit Carmon, Gilad Margolis, Gad Keren, Yacov Shacham, Sourasky Medical Center, Tel Aviv, Israel, Sackler Faculty of Medicine, Tel Aviv, Israel

**337 - A Direct Comparison of Accelerated Discharge Strategies Utilising a Single High Sensitivity Troponin T in Suspected Acute Coronary Syndromes: Prospective Cohort Study of Undetectable Troponin T Versus Low Risk Timi, Grace and Heart Scores (the Macros Study- Mersey Acute Coronary Syndrome Rule-Out Study)**

Aleem Khand, Pei Chew, Freddy Frost, Michael Fisher, Grainger Ruth, Khaled Albouaini, Heidar Zadeh, James Dodd, Billal Patel, Mullen Liam, University Hospital Aintree NHS Trust, Liverpool, United Kingdom, University of Liverpool, Liverpool, United Kingdom

**338 - Modified Heart Score Improves Early, Safe Discharge for Suspected Acute Coronary Syndromes: A Prospective Cohort Study With Recalibration of Risk Scores to Undetectable High Sensitivity Troponin T Limits**

Aleem Khand, Freddy Frost, Pei Chew, Michael Fisher, Liam Mullen, Ruth Grainger, Khaled Albouaini, Heidar Zadeh, Sarah Tong, James Dodd, University Hospital Aintree NHS Trust, Liverpool, United Kingdom, University of Liverpool, Liverpool, United Kingdom



339 - Age and the Effectiveness of Risk Stratification and Diagnostic Thresholds for Myocardial Infarction With High-Sensitivity Cardiac Troponin  
Atul Anand, Andrew Chapman, Anoop Shah, Philip Adamson, Amy Ferry, Dennis Sandeman, Fiona Strachan, David Newby, Nicholas Mills, BHF Centre for Cardiovascular Science, University of Edinburgh, Edinburgh, United Kingdom

340 - High-Sensitivity Cardiac Troponin T Levels and Long-Term Mortality in Patients With Chest Pain  
Andreas Roos, Nadia Bandstein, Magnus Lundbäck, Ola Hammarsten, Rickard Ljung, Martin Holzmann, Karolinska Institutet, Stockholm, Sweden

341 - Is It Safe to Use High-Sensitivity Cardiac Troponin T to Rule out Myocardial Infarction at Presentation?  
Dennis Sandeman, Anoop Shah, Lorraine Dinnel, Jack Andrews, Bappa Roy, Philip Wenham, Ken Campbell, Mary Jarvie, Atul Anand, Robert Cargill, Mark Francis, Andrew Chapman, Nicholas Mills, NHS Fife, Kirkcaldy, United Kingdom, University of Edinburgh, Edinburgh, United Kingdom

342 - Comparison of False Versus True ST Elevation Myocardial Infarction Activation Rates in Patients Having Pre-Activation Point of Care Troponin Levels  
Christina Dookhan, Abhijit Ghatak, Alejandro Mantero, Eduardo De Marchena, Ravi A. Patel, Cesar Mendoza, Alexandre Ferreira, University of Miami Miller School of Medicine, Miami, FL, USA

343 - Ventricular Arrhythmia at Primary PCI for ST-Elevation Myocardial Infarction Predicts 30-Day but Not Long-Term Mortality  
Bryan Har, George Veenhuizen, Diane Galbraith, Danielle Southern, Stephen Wilton, Merril Knudtson, APPROACH Investigators, Libin Cardiovascular Institute, Calgary, Canada

344 - Association Between Myocardial Infarction Hospital Process of Care Scores With Clinical Outcomes in a Statewide Study  
Georgia Barbayannis, Davit Sargsyan, Javier Cabrera, John B. Kostis, Nora M. Cosgrove, William J. Kostis, for the Myocardial Infarction Data Acquisition System (MIDAS) Study Group, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

345 - Health-Economics of Measuring High-Sensitive Cardiac Troponin at Different Cut-Offs in Non-ST Segment Elevation Myocardial Infarction Patients Within 6 Hours From Emergency Room Presentation  
Deepak Kumar Sahu, Giacomo Basadonna, Michal Raciborski, CMC Consulting Boston Inc., Framingham, MA, USA

346 - High-Sensitivity Cardiac Troponin and the Classification of Myocardial Infarction  
Andrew R. Chapman, Anoop Shah, Atul Anand, Philip Adamson, Dennis Sandeman, Amy Ferry, Fiona Strachan, David Newby, Nicholas Mills, University of Edinburgh, Edinburgh, United Kingdom

347 - Is Duration of Symptoms Predictive of Acute Myocardial Infarction?  
Robert Solomon, Richard Nowak, Michael Hudson, Michele Moyer, James McCord, Henry Ford Hospital, Detroit, MI, USA

348 - ST-Segment Elevation and Cardiac Magnetic Resonance Imaging Findings in Myocardial Infarction With Non-Obstructive Coronary Arteries  
Harmony R. Reynolds, Sivabaskari Pasupathy, Himali Gandhi, Rosanna Tavella, Leon Axel, John Beltrame, NYU School of Medicine, New York, NY, USA, University of Adelaide, Adelaide, Australia

349 - Bimodal Prognosis of Patients Hospitalized With Suspected Acute Coronary Syndrome in Whom the Diagnosis Is Not Confirmed  
Jose A. Barrabes, Alfredo Bardaji, Javier Jiménez-Candil, Vicente Bodí, Roman Freixa, Rafael Vazquez, Jesus-Gabriel Sánchez-Ramos, Andrés May, Maria-Jesús Rollán, Antonio Fernandez-Ortiz, DIOCLES Investigators, Hospital Universitari Vall d'Hebron, Barcelona, Spain

350 - Impact of Mild Obstructive Sleep Apnea on and Cardiovascular Events After Percutaneous Coronary Intervention  
Jeanne Ong, Chieh Yang Koo, Germaine Loo, Huay-Cheem Tan, Chi-Hang Lee, Sleep and Stent Study Investigators, National University Health System, Singapore, Singapore

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1236

#### Arrhythmias and Clinical EP: AF Miscellaneous and Surgical Issues

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

072 - Proteomics Discovery of Biomarkers for Atrial Fibrillation in Patients With Cardiovascular Disease

Aspasia Tzani, Ilias P. Doulamis, Asier Antoranz, George Samanidis, Vicky Pliaka, Anastasios Gkogkos, Panagiotis Konstantopoulos, Theodore Sakellaropoulos, Leonidas Alexopoulos, Konstantinos G. Perreas, Despina N. Perrea, Laboratory for Experimental Surgery and Surgical Research "N.S. Christeas", Medical School of Athens, Athens, Greece, Department of Mechanical Engineering, National Technical University of Athens, Athens, Greece

073 - Characteristics and Incidence of Atrial Fibrillation in US Veteran Centenarians

Raya Kheirbek, Ali Fokar, Hans Moore, VA Centenarian Study Collaborators, Washington DC VA Medical Center, Washington, DC, USA, George Washington University School of Medicine and Health Sciences, Washington, DC, USA

074 - CHADS2 Score Predicts Outcomes of Radiofrequency Catheter Ablation in Patients With Atrial Fibrillation

Madhu Reddy, Valay Parikh, M. Rizwan Afzal, Darbhamulla Nagarajan, Luigi Di Biase, Ajay Vallakati, John Burkhardt, Linda Umbarger, Sudharani Bommana, Prasanth Mohanty, Rodney Horton, Donita Atkins, James Vacek, Buddhadeb Dawn, Andrea Natale, Dhanunjaya Lakkireddy, The University of Kansas Hospital, Kansas City, KS, USA

075 - Influence of Beta-Blockers on Mortality in Chronic Heart Failure Patients With Atrial Fibrillation: Findings From the Gulf-Safe

Charbel Abi Khalil, Rajvir Singh, Wafa Rashed, Adel Khalifa, Mohammad Zubaid, Jassim Al Suwaidi, Gulf Survey of Atrial Fibrillation Events (Gulf SAFE), Weill Cornell Medicine-Qatar, Doha, Qatar, Heart Hospital-Hamad Medical Corporation, Doha, Qatar

076 - Improvement of CHA<sub>2</sub>DS<sub>2</sub>-VASC Risk Stratification of Stroke and Mortality Using the Intermountain Risk Score Among Atrial Fibrillation Patients Undergoing Cardiac Catheterization

Benjamin Davies Horne, T. Jared Bunch, Heidi May, Kirk Knowlton, Joseph B. Muhlestein, Kevin G. Graves, Victoria Jacobs, Donald Lappe, Intermountain Medical Center, Salt Lake City, UT, USA, University of Utah, Salt Lake City, UT, USA

082 - Risk of Atrial Fibrillation in Human Immunodeficiency Virus Infection in the Era of Antiretroviral Therapy

Chang Kim, Leben Tefera, Ben Alencherry, Ahmad Tarek Chami, Sadeer Al-Kindi, Christopher Longenecker, University Hospitals Cleveland Medical Center, Cleveland, OH, USA, School of Medicine, Case Western Reserve University, Cleveland, OH, USA

077 - Valvular Surgery With or Without Left Atrial Appendage Excision for Atrial Fibrillation: A CHA<sub>2</sub>DS<sub>2</sub>-VASC Matched Analysis of Thromboembolic Outcomes in a National Database

Ayman Elbadawi, Odunayo Olorunfemi, Gbolahan O. Ogunbayo, Deola Saheed, Amole Ojo, Rowlen Melduni, Rochester General Hospital, Rochester, NY, USA





**078 - Circulating MicroRNA Patterns Are Associated With Post-Ablation Recurrence of Atrial Fibrillation**

Oxana Galenko, Madisyn Taylor, Johnny Trang, Stacey Knight, Victoria Jacobs, Michael J. Cutler, Joseph B. Muhlestein, John Carlquist, Kirk Knowlton, T. Jared Bunch, Intermountain Medical Center, Murray, UT, USA

**079 - Impact of Treatment Crossovers on Clinical Outcomes in the Rate and Rhythm Control Strategies for Atrial Fibrillation: Insights From the AFFIRM (Atrial Fibrillation Follow-up Investigation of Rhythm Management) Trial**  
Fnu Abhishek, Zheng Zhang, Ziling Qin, Samuel C. Dudley Jr., Yanbing Wang, Kaustubh Dabhadkar, Marwan Refaat, Moussa Mansour, Jeremy Ruskin, Edwin Heist, Brown University, Providence, RI, USA

**080 - Association of Genetic Risk Score with Burden of Atrial Fibrillation: An ENGAGE AF-TIMI 48 Analysis**

Christian T. Ruff, Dov Shiffman, James Devlin, Robert Giugliano, Elliott Antman, Marco Trevisan, Francesco Nordio, Alexander Vandell, Michele Mercuri, Marc Sabatine, Brigham and Women's Hospital, Boston, MA, USA

**081 - Coronary Artery Bypass Graft Surgery With or Without Left Atrial Appendage (LAA) Excision for Atrial Fibrillation: A CHA2DS2VASc Matched Analysis of Thromboembolic Outcomes in a National Database**  
Odunayo Olorunfemi, Ayman Elbadawi, Gbolahan Ogunbayo, Oladimeji Akinboro, Rebecca Ojo, Deola Saheed, Amole Ojo, Rochester General Hospital, Rochester, NY, USA

**083 - Diabetes Mellitus and the Development of Atrial Fibrillation in Hispanics, Blacks and Whites**

Eric H. Shulman, Faraj Kargoli, Lynn Zaremski, Tina Shah, Luigi DiBiase, John Fisher, Kevin Ferrick, Andrew Krumerman, Montefiore Medical Center, Bronx, NY, USA

**087 - Is There a Role for Invasive Electrophysiology Studies in Patients With Conduction Abnormalities Following Transcatheter Aortic Valve Replacement?**

Ron Waksman, Toby Rogers, Mithun Devraj, Arie Steinvil, Edward Koifman, Michael Lipinski, Jiaxiang Gai, Rebecca Torguson, Petros Okubagzi, Lowell Satler, Augusto Pichard, MedStar Washington Hospital Center, Washington, DC, USA

**088 - Association Between Body Mass Index and Outcomes Among Patients With Prevalent Atrial Fibrillation: A Meta-Analysis**

Shah Bano, Usman Salahuddin, Sushil Garg, Nitin Kulkarni, Vidhu Anand, Helen Mayo, Shreya Rao, Ambarish Pandey, UT Southwestern, Dallas, TX, USA, Medstar Georgetown University Hospital, Washington, DC, USA

**089 - Incidence of Atrial Fibrillation in Black Patients Post Atrial Flutter Ablation**

Robert L. Percell, Jasmine E. Percell, Kevin Thomas, Bryan Heart Institute, Lincoln, NV, USA

**090 - Aortic Stenosis, but Not Mitral or Aortic Regurgitation, Is Associated With Adverse Outcomes With Atrial Fibrillation: Results From the ARISTOTLE Trial**

Alice Wang, John Alexander, Hillary Mulder, Renato Lopes, Petr Jansky, Basil Lewis, Bernard Gersh, Alvaro Avezum, Michael Hanna, Claes Held, Lars Wallentin, Christopher Granger, Dragos Vinereanu, Duke Clinical Research Institute, Duke University School of Medicine, Durham, NC, USA

**091 - Associations of Lipoprotein(a) Levels With Incident Atrial Fibrillation and Stroke Among Whites and Blacks: The Atherosclerosis Risk In Communities (ARIC) Study**

Konstantinos N. Aronis, Di Zhao, Ron Hoogeveen, Alvaro Alonso, Christie Ballantyne, Eliseo Guallar, Steven Jones, Seth Martin, Saman Nazarian, Salim Virani, Erin Michos, Johns Hopkins Hospital, Baltimore, MD, USA

**092 - Novel Approach for Risk Differentiation in Atrial Fibrillation Patients With Polypharmacy**

Stijn Van Vugt, Goaris Aarts, Jeroen Jaspers Focks, Lucie Bloem, Freek Verheugt, Marc Brouwer, Radboud University Medical Center, Nijmegen, The Netherlands, Thrombosis Service Arnhem/Nijmegen, Nijmegen, The Netherlands

**093 - Sex Differences in Atrial Structural Remodeling and Serum Markers of Fibrosis at Presentation for Catheter Ablation**

Jacqueline Denysiak, David Krummen, Hee-Kyung Chun, Taelor Getz, Meher N. Haque, Avinash Toom, Gregory Feld, Jonathan Hsu, Lori Daniels, UC San Diego Medical Center Division of Cardiovascular Medicine, San Diego, CA, USA

**094 - Left Atrial Appendage Ligation With Lariat Device: A Systematic Review and Meta-Analysis**

Mohit Turagam, Venkat Lakshmi Kishan Vuddanda, Valay Parikh, Poonam Velagapudi, Mohammad-Ali Jazayeri, Madhav Lavu, Donita Atkins, Sudharani Bommana, Andrea Natale, Luigi Di Biase, Madhu Reddy, Jie Cheng, Krzysztof Bartus, Randall Lee, Dhanunjaya Lakkireddy, University of Kansas Hospital, Kansas City, KS, USA

**Arrhythmias and Clinical EP - Poster Contributions**

**Session #1237**

**Innovative Approaches for Reducing Risk and Improving Outcomes With Ablation**

**Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.**

**Poster Hall, Hall C**

**CME Hours: 0.75 /CNE Hours: 0.75**

**095 - Gender Specific Comparative Effectiveness of Oral Anticoagulants in Elderly Medicare Patients With Newly Diagnosed Atrial Fibrillation: A Propensity Matched Analysis**

Ghanshyam Palamaner Subash Shantha, Prashant Bhawe, Saket Girotra, Denise Hodgson-Zingman, Alexander Mazur, Michael Giudici, Elizabeth Chrischilles, Mary Vaughan-Sarrazin, The University of Iowa Hospitals and Clinics, Iowa City, IA, USA

**096 - Efficacy of Catheter Ablation of Atrial Fibrillation in the Setting of Systolic Dysfunction: A Meta-Analysis of Randomized Control Trials**

Mohammad-Ali Jazayeri, Venkat Lakshmi Kishan Vuddanda, Valay Parikh, Madhav Lavu, Mohit Turagam, M. Rizwan Afzal, Donita Atkins, Sudharani Bommana, Luigi Di Biase, Andrea Natale, Madhu Reddy, Dhanunjaya Lakkireddy, The University of Kansas Hospital, Kansas City, KS, USA

**097 - Cardiovascular Magnetic Resonance in Survivors of Sudden Cardiac Arrest: 14 Year Experience From a Tertiary Referral Centre in the United Kingdom**

Amrit Lota, John Baksi, Adam Tsao, Florence Mouy, Rebecca Wassall, Brian Halliday, Upasana Tayal, Cemil Izgi, Francisco Alpendurada, Evangelia Nyktari, Ricardo Wage, Peter Gatehouse, Philip Kilner, Raad Mohiaddin, David Firmin, James Ware, John Cleland, Stuart Cook, Dudley Pennell, Sanjay Prasad, Royal Brompton Hospital NIHR Cardiovascular Biomedical Research Unit, London, United Kingdom, National Heart and Lung Institute, Imperial College London, London, United Kingdom

**099 - Watchman Device Associated Thrombi: A Novel Treatment Approach**  
Saifuldeen A. Al-Qaisi, Muna Ali, Akash Makkar, Vijay Swarup, Arizona Heart Rhythm Center, Phoenix, AZ, USA, SJHMC, Phoenix, AZ, USA

**101 - Complication Rates of Epicardial Ventricular Tachycardia Ablation: A Pooled Analysis**

Naga Venkata K. Pothineni, Anusha Shanbhag, Ajoe Kattoor, Swathi Kovelamudi, Ammar Killu, Siva Mulpuru, Suraj Kapa, Abhishek Deshmukh, University of Arkansas for Medical Sciences, Little Rock, AR, USA, Mayo Clinic, Rochester, MN, USA





102 - Outcomes of Remote Magnetic Navigation-Guided Catheter Ablation of Left Ventricular Summit Arrhythmias Accessible via the Coronary Venous System

Guillaume Bassil, Layth Saleh, Steven Markowitz, Christopher Liu, George Thomas, James Ip, Bruce Lerman, Jim Cheung, New York Presbyterian Hospital, Weill Cornell Medical College, New York, NY, USA

103 - Role of Ganglionic Plexus Ablation in Treatment of Atrial Fibrillation: A Systematic Review and Meta-Analysis

Nilshan Ariyaratna, Saurabh Kumar, Westmead Hospital, Westmead, Australia

104 - Endo-Epicardial Versus Endocardial-Only Approach for First Ventricular Tachycardia Ablation: A Systematic Review and Meta-Analysis of Safety and Efficacy Outcomes

Rhanderison Cardoso, Gilson Fernandes, Guilherme Nasi, Joao Braghiroli, Andre D'Avila, University of Miami, Jackson Memorial Hospital, Miami, FL, USA, Instituto de Pesquisa em Arritmia Cardiaca, Hospital Cardiologico, Florianopolis, Brazil

100 - Atrial Fibrillation Is Associated With Worse Outcomes in Patients With Cirrhosis

Subir Bhatia, Sravya Mallam, Vivek Singh, Kanishk Agnihotri, Shilpkumar Arora, Parshva Patel, Peter Noseworthy, Suraj Kapa, Sidakpal Panaich, Nileshkumar Patel, Apurva Badheka, Nilay Patel, Abhishek Deshmukh, Mayo Clinic, Rochester, MN, USA

105 - What Are the Differences in Oral Anticoagulant Treatment Persistence in Non-Valvular Atrial Fibrillation in Europe? Real-World Studies in Three European Countries

Laurent Fauchier, Shuk-Li Collings, Michelle Johnson, Gillian Stynes, David Evans, Virginie Vannier-Moreau, Guido Hack, Matthew Lumley, Andrew Maguire, Cinira Lefevre, Bristol-Myers Squibb, Rueil-Malmaison, France

106 - Incremental Value of Estimated Glomerular Filtration Rate in Improving Stroke Risk Stratification in Patients With and Without Atrial Fibrillation Considered to Be Low Risk by CHA<sub>2</sub>DS<sub>2</sub>VASc Score

Geetanjali Dang, Susan Olet, Muhammad Shahreyar, Nasir Sulemanjee, Khwaja Ammar, Indrajit Choudhuri, Imran Niazi, Jasbir Sra, A. Jamil Tajik, Arshad Jahangir, Aurora Health Care, Milwaukee, WI, USA, Medical College of Wisconsin, Milwaukee, WI, USA

107 - Does the Convergent Ablation Procedure Affect Left Atrial Contractile Function?

Kashif Chaudhry, Jonathan Silver, G. Muqtada Chaudhry, Bruce Hook, Matthew Reynolds, Sachin Shah, Mohammed Premjee, Lahey Hospital & Medical Center, Burlington, MA, USA

108 - Time in Therapeutic Range Predicts Mortality and Cerebrovascular Events in Atrial Fibrillation Patients Treated With Warfarin

Malini Madhavan, Suraj Kapa, Veronique Roger, Susan Weston, Jill M. Killian, Samuel Asirvatham, Bernard Gersh, Alanna Chamberlain, Mayo Clinic, Rochester, MN, USA

109 - Estimating Cancer Risk Associated With Ionizing Radiation Exposure During Atrial Fibrillation Ablation

Justin Vandermolen, Andrew Jeffrey Einstein, Igor Shuryak, Stephen Balter, Johanna Meulepas, Ryan King, Neil Mehta, David Brenner, Anil Gehi, University of North Carolina, Chapel Hill, NC, USA, Columbia University, New York, NY, USA

110 - Early Recurrence of Ventricular Tachycardia Predicts Increased Mortality Among Patients With Severe Heart Failure

Michael Cowherd, Peter Rothstein, Alexis Tumolo, Natasha Altman, Prateeti Khazanie, Amrut Ambardekar, Andreas Brieke, Eugene Wolfel, William Cornwell, Matthew Zipse, Duy Nguyen, Lucas Marzec, Ryan Aleong, Christine

Tompkins, Larry Allen, William Sauer, Wendy Tzou, University of Colorado Denver, Aurora, CO, USA

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1238

#### Arrhythmias and Clinical EP: Basic 4

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

111 - Efficacy of Scattergram Analysis for Classifying Subtypes of Atrial Fibrillation by Fourier Transform of Fibrillatory Waves

Sungsoo Kim, Sohee Kwon, Ira Blau, Junbeom Park, Moon-Hyoung Lee, Lindsey Krawchuk, Nicholas Meyers, Byung-II Choi, Medical College of Wisconsin, Milwaukee, WI, USA, Yonsei University College of Medicine, Seoul, South Korea

112 - Gut Microbes-Derived Metabolite Trimethylamine N-Oxide Facilitates the Progression of "Atrial Fibrillation Begets Atrial Fibrillation": A Potential Link Between Gut Microbes and Atrial Fibrillation

Lilei Yu, Guannan Meng, Bing Huang, Zhuo Wang, Songyun Wang, Menglong Wang, Xuefei Li, Liping Zhou, Shenxu Yuan, Yuhong Wang, Xiaoya Zhou, Hong Jiang, Renmin Hospital of Wuhan University, Wuhan, People's Republic of China

113 - Association of Non-Alcoholic Fatty Liver Disease With Heart Block: A Case Control Retrospective Study

Muhammad Asif Mangi, Abdul Manan, Hiba Rehman, Furqan Pathan, Hong Liang, Sary Beidas, Orange Park Medical Center, Orange Park, FL, USA

114 - Ganglionated Plexi Stimulation Induces Pulmonary Vein Triggers at Left Atrium-Pulmonary Vein Junction Changing Wave Dynamics: In Silico Modeling Study

Minki Hwang, Byoungyun Lim, Jun-Seop Song, Young-Seon Lee, Eun Bo Shim, Hui-Nam Pak, Yonsei University Health System, Seoul, South Korea

115 - External Cooling of the Myocardium Slows Electrical Conduction and Terminates Atrial Fibrillation

Chance M. Witt, Richard Sanders, Charles Rittriv, Steve Berhow, Doug Beinborn, Gregory J. Seifert, Chad Zack, Dorothy Ladewig, Joanne M. Powers, Scott Suddendorf, Samuel Asirvatham, Paul Friedman, Mayo Clinic, Rochester, MN, USA

116 - Deleterious Mutations in SCN10A Are Associated With Long QT Syndrome

Maen D. Abou Ziki, Sara Seidelmann, Emily Smith, Anand Narayanan, Gourg Atteya, Yuxin Jiang, Rodolfo Gil-Fernandez, Mark Marieb, Joseph Akar, Arya Mani, Yale University School of Medicine, New Haven, CT, USA

### Congenital Heart Disease - Poster Contributions

#### Session #1231

#### Congenital Heart Disease: New Diagnostic Approaches in Congenital Heart Disease

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

009 - Utility of Genetic Testing in Infants With Isolated Congenital Heart Disease

Kaitlin L'Italien, Sara Fitzgerald-Butt, Janet Simsic, Kim McBride, Jessica Bowman, Vidu Garg, Nationwide Children's Hospital, Columbus, OH, USA

010 - Exome Sequencing Reveals Novel Variants in *TMEM59L* and *KLHL26* Associated With a Familial Case of Ebstein's Anomaly and Left Ventricular Noncompaction

Lauren North, Donna Mahnke, Karl Stamm, Huan Ling Liang, Richard J. Willes, Michele Frommelt, Michael Mitchell, Aoy Tomita-Mitchell, Medical College of



Wisconsin, Milwaukee, WI, USA, Children's Hospital of Wisconsin, Milwaukee, WI, USA

011 - Modified Newborn Pulse Oximetry Screening for Out-of-Hospital Births  
Deyani Chowdhury, Katie Williams, Cardiology Care for Children, Lancaster, PA, USA, Clinic for Special Children, Strasburgh, PA, USA

012 - Variation in Prenatal Diagnosis of Congenital Heart Defects in a Population-Based Study in Southern China  
Yanqiu Ou, Jian Zhuang, Xiaoping Liu, Guangdong Cardiovascular Institute, Guangzhou, People's Republic of China, Guangdong General Hospital, Guangdong Academy of Medical Sciences, Guangzhou, People's Republic of China

013 - Impact of Maternal Diabetes on First & Early Second Trimester Fetal Cardiovascular Health  
Dora Gyenes, Jesus Serrano-Lomelin, Venu Jain, Claudine Bohun, Winnie Savard, Angela McBrien, Lisa Hornberger, University of Alberta, Edmonton, Canada

014 - The Incremental Benefit of Color Tissue Doppler Imaging in Fetal Rhythm Assessment  
Silvia Alvarez, Paul Brooks, Nee Sze Khoo, Timothy Colen, Lisa Hornberger, Stollery Children's Hospital, Edmonton, Canada

015 - Left Atrial Stiffness: A New Noninvasive Index That May Serve as a Surrogate Marker of Left Ventricular Diastolic Dysfunction in Children  
Jeremy Zuckerberg, Michael Quartermain, Stanford Ewing, Anirban Banerjee, University of Pennsylvania School of Medicine, Philadelphia, PA, USA

016 - Right Ventricular Contractile Reserve Is Reduced in Children and Adolescents With Tetralogy of Fallot: A Stress Echocardiographic Study  
Shivani M. Bhatt, Elizabeth Goldmuntz, Okan Elci, Michael McBride, Stephen Paridon, Laura Mercer-Rosa, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

017 - Mitral Valve Phase Contrast Imaging Is a More Reproducible Method of Determining Cardiac Rest Periods for Whole-Heart Coronary Magnetic Resonance Angiography in Congenital Heart Disease Than 4 Chamber Cine  
Maria Batsis, Gerald Greil, Animesh Tandon, Tarique Hussain, University of Texas Southwestern Medical Center, Dallas, TX, USA

018 - Short Axis Diastolic Ventricular Area Ratio as a New Index in Screening Patients With Repaired Tetralogy of Fallot  
Dala Zakaria, Sean Lang, Elijah Bolin, Jeffrey Gossett, Mallikarjuna Rao Rettiganti, Thomas Collins, University of Arkansas for Medical Sciences, Little Rock, AR, USA

019 - Feasibility of Rapidly Creating High Resolution Virtual Three-Dimensional Models of Anomalous Aortic Origin of Coronary Arteries  
Kelly Nicol, Anthony Costa, Shubhika Srivastava, Santosh Uppu, Mount Sinai School of Medicine, New York, NY, USA

020 - Cardiovascular Health of Offspring of Diabetic Mothers From the Fetus Through Late Infancy Stages  
Victor Do, Tina Ojala, Timothy Colen, Silvia Goncalves-Alvarez, Sandra Davidge, Jesus Serrano-Lomelin, Lisa Hornberger, University of Alberta, Edmonton, Canada

### Congenital Heart Disease - Poster Contributions Session #1232

#### Things That Begin With an "A" in Adult Congenital Heart Disease: What Is Aorta, Artery and Anomalous?

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

021 - Long-Term Cardiovascular Outcomes in Patients With Anomalous Coronary Arteries Visualized by Coronary CT Angiography: The CONFIRM (COronary CT Angiography EvaluationN For Clinical Outcomes: An International Multicenter) Registry

Subhi Al'Aref, Khalil Anchouche, Ashley Beecy, Heidi Gransar, Brian O. Hartaigh, Mahn Won Park, Asim Rizvi, Ji Hyun Lee, Donghee Han, Hadi Mirhedayati Roudsari, Daniel Berman, Tracy Callister, Augustin DeLago, Martin Hadamitzky, Joerg Hausleiter, Mouaz Al-Mallah, Matthew Budoff, Philipp Kaufmann, Gilbert Raff, Kavitha Chinnaiyan, Filippo Cademartiri, Erica Maffei, Todd Villines, Yong-Jin Kim, on behalf of the CONFIRM Investigators, Weill Cornell Medical College, New York, NY, USA

022 - Isolated Single Coronary Artery in Adult Population: A Contemporary Classification

Rajan Kumar, Archana Sinha, Jamshid Shirani, Saint Luke's University Health Network, Bethlehem, PA, USA

024 - The RAC Sign: Retroaortic Anomalous Coronary Artery Visualization by Transthoracic Echocardiography

Chance M. Witt, Leslie Elvert, Ewa Konik, Naser Ammash, David Foley, Thomas Foley, Mayo Clinic, Rochester, MN, USA

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1248

#### Heart Failure and Cardiomyopathies: What Next When All Else Is Failing?

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

243 - Impact of Cardiac Devices on Readmission and Short Term Mortality in Patients With Heart Failure With Reduced Ejection Fraction: A Nationwide Study

Varun Kumar, Byomesh Tripathi, Shilpkumar Arora, Prashant Patel, Sopan Lahewala, Chirag Savani, Nilay Patel, Harshil Shah, Umesh Gidwani, Apurva Badheka, Abhishek Deshmukh, Alan Rozanski, Radha Gopalan, Mount Sinai St. Luke's Roosevelt, New York, NY, USA, St. Peter's University Hospital, New Brunswick, NJ, USA

244 - The Cardiac Myosin Activator, Omecamtiv Mecarbil, Improves Left Ventricular Myocardial Deformation in Chronic Heart Failure (COSMIC-HF)  
Tor Biering-Sorensen, John Teerlink, G. Michael Felker, John McMurray, Fady Malik, Narimon Honarpour, Maria Laura Monsalvo, James Johnston, Scott D. Solomon, Division of Cardiology, Brigham & Women's Hospital and Harvard Medical School, Boston, MA, USA

245 - The Impact of Glucagon Like Peptide-1 Agonist Therapy on Heart Rate in Advanced Systolic Heart Failure: An Analysis From the Functional Impact of GLP-1 for Heart Failure Treatment Study

Amanda R. Vest, Seth N. Meltzer, Jie-Lena Sun, Steven McNulty, Kevin Anstrom, Gordon S. Huggins, Michael S. Kiernan, David DeNofrio, Marvin A. Konstam, Tufts Medical Center, Boston, MA, USA, Duke Clinical Research Institute, Durham, NC, USA

246 - Outcomes of Intra-Aortic Balloon Pump Use in Myocarditis Complicated by Cardiogenic Shock

Gbolahan Ogunbayo, Odunayo Olorunfemi, Ayman Elbadawi, Deola Saheed, Maya Guglin, University of Kentucky, Lexington, KY, USA, Rochester General Hospital, Rochester, NY, USA



247 - A Weaning Marker From Venous-Arterial Extra Corporeal Membrane Oxygenation Using a Novel Microcirculatory Imaging

Sakir Akin, Dinis dos Reis Miranda, Kadir Caliskan, Osama Soliman, Atila Kara, Ard Struijs, Robert J. van Thiel, L. S. D. Jewbali, Alex Lima, Diederik Gommers, Felix Zijlstra, Can Ince, Erasmus MC Rotterdam, Rotterdam, The Netherlands

248 - Impact of Left Ventricular Assist Devices on Acute Myocardial Infarction and Heart Failure Mortality and Readmission Measures

Eric Brandt, Nihar Desai, Yale University, New Haven, CT, USA

249 - The Role of Gender on Mesenchymal Stem Cell Therapy in Non-Ischemic Dilated Cardiomyopathy: A Sub-Analysis of the POSEIDON-DCM Trial

Victoria Florea, Ana M. Landin, Angela M. Castellanos, Makoto Natsumeda, Bryon A. Tompkins, Courtney Premer, Darcy L. Difede, Wayne Balkan, Ivonne H. Schulman, Joshua Hare, University of Miami School of Medicine, Interdisciplinary Stem Cell Institute, Miami, FL, USA

250 - Hemophagocytic Lymphohistiocytosis Associated With Implantation of Ventricular Assist Devices and Outcomes Following Subsequent Orthotopic Heart Transplantation (OHT)

Paul Cheng, Margot Davis, Richard Ha, Beth Martin, Dipanjan Banerjee, Stanford University, Stanford, CA, USA

251 - Evaluation of Changes in Weight as Part of Frailty Assessment in Patients With Advanced Heart Failure Receiving a Left Ventricular Assist Device

Margarita Chernovolenko, Omar Jimenez, Sergio Teruya, Stephen Helmke, Julissa Alvarez, Mathew Maurer, Columbia University, New York, NY, USA, Mount Sinai Beth Israel, New York, NY, USA

252 - Impact of Cardiogenic Shock with or without Mechanical Circulatory Support on Short-Term and Long-Term Survival in Heart Failure Hospitalizations

Lavone Smith, Anthony Peters, Paul Corotto, Travis Moss, Kenneth Bilchick, Sula Mazimba, University of Virginia, Charlottesville, VA, USA

254 - Impact of Surgical Bleeding on the Cost of Hospitalization for Left-Ventricular Assist Device Implantation

Katherine Lietz, Christopher Barreiro, Jonathan Philpott, Claudia Flink, Michael McGrath, John Herre, Sentara Heart Hospital, Norfolk, VA, USA, Sentara Cardiovascular Research Institute, Norfolk, VA, USA

253 - Etiology and Predictors of 30-Day Unplanned Readmission Rates After Left Ventricular Assist Device Placement

Shanti Patel, Priti Poojary, Sumeet Pawar, Aparna Saha, Achint Patel, Kinsuk Chauhan, Pratik Mondal, Jignesh Patel, Ashish Correa, Shiv Kumar Agarwal, Arjun Saradna, Ravikaran Patti, Girish Nadkarni, Vijay Shetty, Maimonides Medical Center, Brooklyn, NY, USA, Icahn School of Medicine at Mount Sinai, New York, NY, USA

255 - Preoperative Predictors of Surgical Bleeding With Implantation of Durable Mechanical Circulatory Support Devices

Katherine Lietz, Christopher Barreiro, Jonathan Philpott, Claudia Flink, Michael McGrath, John Herre, Sentara Heart Hospital, Norfolk, VA, USA, Sentara Cardiovascular Research Institute, Norfolk, VA, USA

256 - Spironolactone Therapy for Cardiomyopathy in Duchenne Muscular Dystrophy

Michelle Ploutz, Ryan Moore, Masatoshi Ashiki, Bethany Wisotzkey, BreAnn Taylor, Christopher Spurney, Michael Taylor, John Jefferies, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, Children's National Medical Center, Washington, DC, USA

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1249

#### Cardiac Fibrosis and Heart Failure: The Next Frontier

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

257 - Influence of Biomarkers of Inflammation, Myocardial Fibrosis, Catecholamines on the Survival of Congestive Heart Failure Patients Undergoing Cardiac Resynchronization Therapy

Vadim A. Kuznetsov, Tatiana Enina, Olga Nochrina, Tatiana Petelina, Anna Soldatova, Dmitriy Krinichkin, Alexandr Rychkov, Tyumen Cardiology Research Center, Tomsk National Research Medical Center, Tomsk, Russian Federation

258 - Impaired Autophagic Flux Contributes to the Accumulation of Ubiquitinated Proteins in a Mouse Model of Heart Failure

Justin Hartup, Abhinav Diwan, Philip Barger, Douglas Mann, Washington University School of Medicine, St. Louis, MO, USA

260 - The Cross-Talk of Salidroside on Tgf- $\beta$ /Smads and Wnt/ $\beta$ -catenin Signaling Pathway in the Myocardial Fibrosis After Acute Myocardial Infarction in Rats and Its Correlation With Galectin-3

Jie Ma, Lihong Ma, State Key Laboratory of Cardiovascular Disease, National Center for Cardiovascular Diseases, Beijing, People's Republic of China, Fuwai Hospital, Chinese Academy of Medical Science & Peking Union Medical College, Beijing, People's Republic of China

263 - Relations Between Fibrosis-Linked Micrnas (Mir-21, Mir-26, Mir-29, Mir-30 and Mir-133a) and Right Ventricular Morphology and Function in Dilated Cardiomyopathy

Pawel Rubis, Justyna Totoró-Żurańska, Sylwia Wisniewska-Smialek, Katarzyna Holcman, Paweł Wołkow, Ewa Wypasek, Joanna Natorka, Lucyna Rudnicka-Sosin, Agnieszka Pawlak, Artur Kozanecki, Piotr Podolec, Department of Cardiac and Vascular Diseases, John Paul II Hospital, Krakow, Poland

261 - T3 Peptide, an Active Fragment of Tumstatin, Stimulates Migration of Cardiac Fibroblasts and Exerts Cytoprotective Effect on H9c2 Cardiomyoblasts

Jumpei Yasuda, Kana Fukui, Muneyoshi Okada, Hideyuki Yamawaki, Laboratory of Veterinary Pharmacology, School of Veterinary Medicine, Kitasato University, Towada, Japan

262 - Associations Between Serum Markers of Extracellular Matrix Metabolism, Fibrosis-Linked Micrnas (Mir-21, Mir-26, Mir-29, Mir-30 And Mir-133a) and Right Ventricular Parameters in Dilated Cardiomyopathy  
Pawel Rubis, Justyna Totoró-Żurańska, Sylwia Wisniewska-Smialek, Katarzyna Holcman, Ewa Wypasek, Lucyna Rudnicka-Sosin, Maria Kołton-Wróz, Paweł Wołkow, Artur Kozanecki, Piotr Podolec, Department of Cardiac and Vascular Diseases, John Paul II Hospital, Krakow, Poland

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1250

#### Emerging Developments in HFpEF and Arrhythmias

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

264 - Left Ventricular Mechanical Properties Assessed by Single Beat Method in Early Stages of Diastolic Dysfunction/Heart Failure With Preserved Ejection Fraction

Himanshu Gupta, Oleg F. Sharifov, Chun S. Schiros, Jose Tallaj, Inmaculada Aban, Sumanth Prabhu, Louis J. Dell'Italia, Thomas Denney, University of Alabama at Birmingham, Birmingham, AL, USA

265 - The Role of Pulmonary Function Test in Patients With Heart Failure With Preserved Ejection Fraction: Looking Beyond Chronic Obstruction Pulmonary Disease



Wei Ming Huang, Hao-Min Cheng, Tsu-Hui Shiao, Chen-Huan Chen, Wen-Chung Yu, Shih-Hsien Sung, Taipei Veterans General Hospital, Taipei, Taiwan, ROC, National Yang-Ming University, Taipei, Taiwan, ROC

266 - The Role of Diastolic Stress Testing in the Evaluation for Heart Failure With Preserved Ejection Fraction: An Invasive-Echocardiographic Study  
Masaru Obokata, Garvan Kane, Yogesh Reddy, Thomas Olson, Vojtech Melenovsky, Barry Borlaug, Division of Cardiovascular Diseases, Mayo Clinic, Rochester, MN, USA

267 - Arterial Reserve Limitations in Heart Failure With Preserved Ejection Fraction and the Beneficial Effects of Sodium Nitrite  
Yogesh N. V. Reddy, Mads Andersen, Masaru Obokata, Katlyn Koepp Borlaug, Vojtech Melenovsky, Thomas Olson, Barry Borlaug, Mayo Clinic, Rochester, MN, USA

269 - Paradoxical Impact of Proportional Pulse Pressure on Mortality in Patients With Heart Failure With Preserved Ejection Fraction  
Takeshi Kitai, Justin Grodin, W. H. Wilson Tang, Cleveland Clinic, Cleveland, OH, USA

270 - Prevalence of Transthyretin Cardiac Amyloidosis in Patients With Heart Failure and Preserved Ejection Fraction Using the <sup>99m</sup>Tc-Pyrophosphate Scintigraphy  
Saberio Lo Presti, Sofia Horvath, Veronica McCloskey, Orlando Santana, The Columbia University Division of Cardiology at the Mount Sinai Heart Institute, Miami Beach, FL, USA, Department of Medicine at Mount Sinai Medical Center, Miami Beach, FL, USA

271 - Influence of Left Ventricular Ejection Fraction on Cause-Specific Mortality in Heart Failure With Preserved Ejection Fraction: The TOPCAT Trial  
Navkaranbir S. Bajaj, Brian Claggett, Eldrin Lewis, Akshay S. Desai, James Fang, Eileen Omeara, Sanjiv Shah, Nancy Sweitzer, Jerome Fleg, Bertram Pitt, Jean Rouleau, Peter Finn, Marc Pfeffer, Scott Solomon, Brigham and Women's Hospital, Boston, MA, USA

272 - Prognostic Significance of Left Ventricular Diastolic Dysfunction Progression in Patients With Heart Failure With Preserved Ejection Fraction: The I-PRESERVE Trial  
Cesare Russo, Chelsea Jin, Lin Tao, Kaushal Desai, Alice Goshorn, Mark Donovan, Agata Ptaszynska, Bristol-Myers Squibb, Princeton, NJ, USA

273 - Sex Differences in Risk Factors for Longitudinal Changes in Left Ventricular Diastolic Function: The Rotterdam Study

Oscar L. Rueda-Ochoa, Marco A. Smiderle Gelain, Jaap Deckers, Dimitris Rizopoulos, Klodian Dhana, Albert Hofman, Oscar H. Franco, Maryam Kavousi, Department of Epidemiology, Erasmus University Medical Center, Rotterdam, The Netherlands, School of Medicine Faculty of Health, Universidad Industrial de Santander, Bucaramanga, Colombia

274 - The Association of Thick Left Ventricular Hypertrophy With Cardiovascular Outcomes in Heart Failure With Preserved Ejection Fraction: Insights From the TOPCAT Trial  
Sonia Garg, Justin Grodin, Takeshi Kitai, Wai Hong Tang, Mark H. Drazner, University of Texas Southwestern Medical Center, Dallas, TX, USA, Cleveland Clinic, Cleveland, OH, USA

275 - Effect of Diabetes Mellitus on Pulsatile Arterial Load and Hemodynamics in HFpEF  
Julio A. Chirinos, Payman Zamani, Zeba Hashmath, Maheshwara Reddy Koppula, Amer Ahmed Syed, Priyanka Bhattacharya, Jugal Chahwala, Harry G. Oldland, Rachana Miller, Uzma Kewan, Swapna Varakantam, Ali Tariq, Timothy S. Phan, Scott Akers, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA, USA, Philadelphia VA Medical Center, Philadelphia, PA, USA

268 - Utility of Cardiopulmonary Exercise Testing to Diagnose and Phenotype Heart Failure With Preserved Ejection Fraction  
Yogesh N. V. Reddy, Thomas Olson, Masaru Obokata, Barry Borlaug, Mayo Clinic, Rochester, MN, USA

276 - Early Diastolic Mitral Annular Velocity at Peak Exercise Determines Peak Aerobic Exercise Capacity in Heart Failure With Preserved Ejection Fraction  
Cory Trankle, Justin Canada, Leo Buckley, Salvatore Carbone, Dave L. Dixon, Ross Arena, Benjamin Van Tassel, Antonio Abbate, Virginia Commonwealth University, Richmond, VA, USA, University of Illinois at Chicago, Chicago, IL, USA

277 - Serum Sodium Is Associated With Mortality in Heart Failure With Preserved Ejection Fraction in the U.S. Veteran Population  
Tasnim F. Imran, Katherine E. Kurgansky, Yash Patel, Ariela Orkaby, Robert McLean, Kelly Cho, David R. Gagnon, Yuk-Lam Ho, J. Michael Gaziano, Luc Djousse, Jacob Joseph, VA Boston Healthcare System, Boston, MA, USA, Brigham and Women's Hospital, Boston, MA, USA

278 - Impact of Serial Heart Failure Health Status on Clinical Outcomes in HFpEF: A Static or Dynamic Phenomenon?  
Yevgeniy Khariton, Yashashwi Pokharel, Michael Nassif, Yuanyuan Tang, Philip Jones, Suzanne Arnold, John Spertus, Saint Luke's Mid-America Heart Institute, Kansas City, MO, USA

279 - Hospitalization Burden of Diastolic Heart Failure in the United States: 2007-2012  
Sagar Mallikethi-Reddy, Faye Siddiqui, Alexandros Briassoulis, Naveen Trehan, Said Ashraf, Anupama Kottam, Shaun Cardozo, Luis Afonso, Melvyn Rubenfire, Cindy Grines, Division of Cardiology, Detroit Medical Center, Wayne State University School of Medicine, Detroit, MI, USA, University of Michigan Medical School, Ann Arbor, MI, USA

280 - Differences Between Ethnic Groups in Comorbidities Do Not Influence Readmission Risk in Patients With Heart Failure and Preserved Ejection Fraction  
Ruth Hsiao, Nghia Nguyen, Anya Narezkina, Barry Greenberg, UCSD, La Jolla, CA, USA

281 - Impact of Rv Dysfunction and End-Diastolic Pulmonary Artery Pressure Estimated From Analysis of Tricuspid Regurgitant Velocity Spectrum in Patients With Preserved Ejection Fraction  
Yan Topilsky, Udi Rothschild, Guy Baruch, Tel Aviv Medical Center, Tel Aviv, Israel

282 - Age Specific Hemodynamic Features in HFpEF: Implications for Therapy  
Shane Nanayakkara, Mark Haykowsky, Justin Mariani, Vanessa Van Empel, Micha Maeder, Donna Vizi, David Kaye, Alfred Hospital, Melbourne, Australia, Baker IDI Heart and Diabetes Institute, Melbourne, Australia

283 - Measures of Ventricular-Arterial Coupling and Incident Heart Failure Preserved Ejection Fraction: A Matched Case-Control Analysis  
Carolyn Lekavich, Debra Barksdale, Virginia Neelon, Jamie Crandell, Jia-Rong Wu, Eric Velazquez, Duke University, Durham, NC, USA, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

284 - Decreased Heart Rate Variability Is Associated With Increased Cardiac Iron Deposit Determined by Cardiac T2\* MRI and Decreased Left Ventricular Function in Transfusion Dependent Thalassemia Patients

Sintip Pattanakuhar, Arintaya Phrommintikul, Adisak Tantiworawit, Sasikarn Konginn, Somdej Srichairattanakool, Siriporn Chattipakorn, Nipon Chattipakorn, Chiang Mai University, Chiang Mai, Thailand

285 - Association Between CD4<sup>+</sup> Lymphocyte Count and Left Ventricular Diastolic Function and Geometry in Newly Diagnosed Highly Active Antiretroviral Therapy (HAART) Naive HIV/AIDS Patients Seen at University of Port Harcourt Teaching Hospital, Port Harcourt, Rivers State





Abaram Chesa Mankwe, Osaretan J. Odia, Federal Medical Centre, Yenagoa, Nigeria, University of Port Harcourt Teaching Hospital, Port Harcourt, Nigeria

286 - Atrial Fibrillation Link to Excess Mortality in Patients With Left Ventricular Dysfunction: Linked to Rapid Ventricular Response or Independent Prognostic Marker?

Giovanni Benfari, Clemence Antoine, Wayne Miller, Hector Michelena, Vuyisile Nkomo, Maurice Sarano, Mayo Clinic, Rochester, MN, USA

287 - Bleeding Risk of Direct Oral Anticoagulants Compared With Warfarin in Patients With Atrial Fibrillation and Heart Failure

Lingyun Lu, Alberta Warner, Zunera Ghaznavi, Donald Chang, Nikolas Tubert, Cynthia Jackevicius, California Northstate University College of Pharmacy, Elk Grove, CA, USA, VA Greater Los Angeles Healthcare System, Los Angeles, CA, USA

288 - Risk of Stroke and Thromboembolism for Heart Failure With and Without Atrial Fibrillation

Si-Hyuck Kang, Joonghee Kim, Jin-Joo Park, Il-Young Oh, Chang-Hwan Yoon, Kyuseok Kim, Dong-Ju Choi, Seoul National University Bundang Hospital, Seongnam-Si, South Korea

289 - Higher Ambulatory Heart Rates Predict Increased Long Term Mortality in Patients With HFref

Masoor Kamalesh, Tarek Ajam, Samer Ajam, Srikant Devaraj, VA Medical Center, Indiana University, Indianapolis, IN, USA

290 - Is Continuous Outpatient Milrinone Therapy Appropriate in Stage D Heart Failure Patients With Underlying Ventricular Tachycardia

Ahmed Harhash, James Cassuto, Ahmed Hussein, Emmanuel Achu, Marshall Rovner, Mark Zucker, Marc Goldschmidt, David Baran, Morristown Medical Center, Morristown, NJ, USA, Newark Beth Israel Medical Center, Newark, NJ, USA

291 - Implantable Cardioverter Defibrillators for the Prevention of Mortality in Patients With Non-Ischemic Cardiomyopathy: A Meta-Analysis of Randomized Control Trials

Wally A. Omar, Akhil Parashar, Rohan Khera, Ambarish Pandey, University of Texas Southwestern Medical Center, Dallas, TX, USA

292 - Prognostic Role of Ventricular-Arterial Coupling in Patients With Left Ventricular Dysfunction Submitted to Cardiac Resynchronization Therapy  
Federica De Vecchi, Eleonora Prenna, Enrico Boggio, Miriam Gravellone, Andrea Magnani, Eraldo Occhetta, Paolo Marino, Clinical Cardiology, AOU Maggiore della Carità, Novara, Italy

293 - Myocarditis, Heart Failure and Arrhythmias in Patients With Zika  
Karina Auristela Gonzalez Carta, Ivan Mendoza, Igoor Morr, Ivan Mendoza, Francesca Misticchio, Yolimar Meza, Vicente Finizola, Gerardo Chazzin, Juan Marques, Instituto de Medicina Tropical, Caracas, Venezuela

294 - Diagnostic Utility of Goldberger's Electrocardiographic Triad in Predicting Left Ventricular Dysfunction in Chagas' Heart Disease

Diego Araiza Garaygordobil, Edgar Alexander Illescas González, Luis Marroquin Donday, Aloha Meave, Erick Alexanderson Rosas, Gabriela Melendez Ramirez, Instituto Nacional de Cardiología "Ignacio Chávez", Ciudad de México, Mexico

296 - Left Ventricular Hypertrophy and Subsequent Cardiovascular Risk: Does It Matter How It Is Diagnosed?

Manan Pareek, Evan Fletcher, Muthiah Vaduganathan, Deepak L. Bhatt, Søren S. Petersen, Line R. Pedersen, Margrét Leósdóttir, Michael H. Olsen, Odense University Hospital, Odense C, Denmark, Brigham and Women's Hospital, Boston, MA, USA

295 - Effects of Age and Comorbidities on Outcomes in Patients With Heart Failure From HF-ACTION

Kishan S. Parikh, Daniel Forman, Daniel Wojdyla, Robert Mentz, Jerome Fleg, William Kraus, Dalane Kitzman, Duke Clinical Research Institute, Durham, NC, USA

### Interventional Cardiology - Poster Contributions

#### Session #1239

#### Interventional Cardiology: PCI and TAVR in Complex Patients

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 / CNE Hours: 0.75

117 - Long-Term Adverse Ischemic Outcomes After Percutaneous Coronary Intervention Among Patients With Versus Without Prior Coronary Artery Bypass Grafting: Analysis From 17 Randomized Trials

Jamie Elizabeth Diamond, Bjorn Redfors, Philippe Genereux, Mahesh Madhavan, Ajay Kirtane, Pieter Smits, Roxana Mehran, Rupa Caprihan, Ori Ben-Yehuda, Gregg Stone, The Cardiovascular Research Foundation, New York, NY, USA

118 - The Risk of Adverse Coronary Events Is Higher in Patients With Severe Obstructive Sleep Apnea Following Percutaneous Coronary Intervention

Amina Adil, Beneet Pandey, Tadele Mengesha, Zoe Heis, Samian Sulaiman, Sulaiman Sultan, Rafath Ullah, M. Fuad Jan, Suhail Allaqaband, Tanvir Bajwa, A. Jamil Tajik, Arshad Jahangir, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA, Center for Integrative Research on Cardiovascular Aging, Milwaukee, WI, USA

119 - Utilization of Heart Teams in the United States: Results From the Translating Outstanding Performance in Percutaneous Coronary Intervention (TOP PCI) Study

Mohammed Salim Al-Damluji, Karl Minges, Jeffrey Bruckel, Brahmajee Nallamothu, Jephtha Curtis, Yale University, New Haven, CT, USA

120 - Refining the Classification of Severe, Symptomatic Aortic Stenosis Using Flow and Gradient Measurements to Predict Outcomes Post-Transcatheter Aortic Valve Replacement

Matthew Brinkman, Amisha Patel, Cheng-Han Chen, Tamim Nazif, Omar Khalique, Ming Liao, Torsten Vahl, Isaac George, Pablo Codner, Remi Kouz, Juan Terre, Jennifer Jantz, Martin Leon, Susheel Kodali, Rebecca Hahn, Columbia University Medical Center, New York, NY, USA

121 - Calcification in the Basal Septum, but Not Membranous Septal Length, Predicts AV Conduction Disturbance and Pacemaker Implantation Following Transcatheter Aortic Valve Replacement With a Balloon-Expandable Valve (S3)

Brett Oestreich, Sergey Gurevich, Mackenzi Mbai, Rosemary Kelly, Stefan Bertog, Selcuk Adabag, Prabhjot Nijjar, Santiago Garcia, University of Minnesota Medical Center, Minneapolis, MN, USA, Minneapolis VA Medical Center, Minneapolis, MN, USA

122 - Effect of Bivalirudin Versus Unfractionated Heparin in Transcatheter Aortic Valve Replacement With Self-Expanding Valves: From the Bravo-3 Randomized Trial

Jaya Chandrasekhar, Axel Linke, Christian Hengstenberg, Serdar Farhan, Christophe Tron, Andreas Fach, Stephan Windecker, Raban Jeger, Gennaro Sardella, John Webb, Ulrich Schäfer, Thierry Lefevre, Christian Kupatt, Didier Tchetché, Nicolas Dumontel, Antonio Colombo, Efthymios Deliargyris, Usman Baber, Roxana Mehran, Prodomos Anthopoulos, George Dangas, Icahn School of Medicine at Mount Sinai, New York, NY, USA

123 - Comparison of Radiation Exposure Between Interventional and Noninvasive Cardiologist During Structural Cardiac Interventions

Jawad Chaudhry, David Sedaghat, Erik Altman, Azhar A. Supariwala, Southside Hospital, Northwell Health, Bay Shore, NY, USA

124 - Hemodynamic Assessment of Low Flow, Low Gradient Severe Aortic Stenosis With Preserved EF Using a Pressure Wire





Zaher Fanari, Prasad Gunasekaran, Arslan Shaukat, Jhapat Thapa, Kamleish Persad, Sumaya Hammami, Joseph West, Mark Wiley, Buddhadeb Dawn, William Weintraub, Peter Tadros, Andrew J. Doorey, University of Kansas, Kansas City, KS, USA, Christiana Care Health System, Newark, DE, USA

### 125 - Economic Implications of Late Discharge After Transcatheter Aortic Catheter Implantation

Sagar Mallikethi-Reddy, Emmanuel Akintoye, Alexandros Briasoulis, Naveen Trehan, Shanker Kundumadam, Anupama Kottam, Shaun Cardozo, Melvyn Rubenfire, Luis Afonso, Cindy Grines, Division of Cardiology, Detroit Medical Center, Wayne State University School of Medicine, Detroit, MI, USA, University of Michigan Medical School, Ann Arbor, MI, USA

### 126 - Predictors of Early Discharge Home After Transcatheter Aortic Valve Implantation

Sagar Mallikethi-Reddy, Naveen Trehan, Shanker Kundumadam, Aditya Sood, Rajeev Sudhakar, Melvyn Rubenfire, Mazhar Khan, Luis Afonso, Cindy Grines, Division of Cardiology, Detroit Medical Center, Wayne State University School of Medicine, Detroit, MI, USA, University of Michigan Medical School, Ann Arbor, MI, USA

### 127 - Non-Trans Femoral Trans Catheter Aortic Valve Replacement in Nonagenarians With Severe Aortic Stenosis: A Matched Case-Control Pilot Study

Alexis Okoh, Dhaval Chauhan, Nathan Kang, Nicky Haik, Bruce J. Haik, Chunguang Chen, Mark Russo, RWJ Barnabas Health, Newark Beth Israel Medical Center, Newark, NJ, USA

### 128 - Predicting Risk Factors for Permanent Pacemaker Placement Following Transcatheter Aortic Valve Replacement: A UTHealth Experience

Ijeoma Ananaba Ekeruo, Omar Hadidi, Yelin Zhao, Richard Smalling, Biswajit Kar, Pranav Loyalka, Daniel Ocazonez, Prakash Balan, McGovern Medical School at the University of Texas Health Sciences Center at Houston, Houston, TX, USA

### 129 - Timing and Algorithm of Permanent Pacemaker Implantation After TAVR

Ijeoma Ananaba Ekeruo, Michael Firstenberg, Roxana Mehran, David Fullerton, Vinod Thourani, Kyle Mitchell, Gina De La Guardia, Prakash Balan, Alistair Philips, Jodie Hurwitz, Tom Nguyen, McGovern Medical School at the University of Texas Health Sciences Center at Houston (UTHealth), Houston, TX, USA

### 130 - Management of Patients With Cardiac Arrest in New York Before and After Public Reporting Policy Changes

Jordan B. Strom, James McCabe, Stephen Waldo, Duane Pinto, Kevin Kennedy, Dmitriy Feldman, Robert Yeh, Beth Israel Deaconess Medical Center, Boston, MA, USA

## Interventional Cardiology - Poster Contributions

### Session #1240

#### Coronary Intervention: Drug Eluting Stent and Scaffolds

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

### 131 - Long-Term Outcomes of Absorb Bioreabsorbable Vascular Scaffold Versus Second Generation Des in Coronary Artery Disease: A Meta-Analysis

Ramez S. Nairooz, Marwan Saad, Partha Sardar, University of Arkansas for Medical Sciences, Little Rock, AR, USA

### 132 - Safety and Efficacy of Small Vessel Stenting With 2 mm Drug Eluting Stents in Real World Clinical Practice

Joshua Ping Yun Loh, Rajiv Ananthakrishna, Hui Wen Sim, Poay Huan Loh, Edgar Tay, Koo Chan, Mark Chan, Ronald C. H. Lee, Adrian Low, Huay-Cheem Tan, National University Heart Centre, Singapore, Singapore

### 133 - Efficacy and Safety of Everolimus-Eluting Stents Versus Slow-Release Zotarolimus-Eluting Stents: A Direct Comparison Meta-Analysis of 29,286 Patients - Years of Follow-Up From Randomized Controlled Trials

Chirag Bavishi, Habib Samady, Pedro Moreno, Gregg Stone, Mount Sinai St. Luke's & Mount Sinai West Hospitals, New York, NY, USA, The Cardiovascular Research Foundation, New York, NY, USA

### 135 - A Cost-Effective Analysis of Short Duration Dual Anti-Platelet Therapy (Dapt) With a Bioabsorbable Polymer Stent Platform Versus Longer Duration Dapt With a Durable Polymer Drug-Eluting Stent in a Patient Population Undergoing Elective Percutaneous Coronary Intervention

Benjamin Zev Galper, Matthew Reynolds, Eric Secemsky, Pallav Garg, David Cohen, Robert Yeh, Smith Center for Outcomes Research in Cardiology, Boston, MA, USA, Harvard Clinical Research Institute, Boston, MA, USA

### 136 - Efficacy and Safety of Patients Treated With 48mm Everolimus Eluting Stent at 1 Year

Chong Keat Tan, Mohd Kamal Mohd Arshad, Hee Hwa Ho, Fahim H. Jafary, Jason K. K. Loh, Timothy Watson, Paul J. L. Ong, Tan Tock Seng Hospital, Singapore, Singapore

### 137 - Early, Late and Very Late Incidence of Bioresorbable Scaffold Thrombosis: A Systematic Review and Meta-Analysis of Randomized Clinical Trials and Observational Registries

Carlos A. Collet, Patrick Serruys, Robbert de Winter, Taku Asano, Yoshinobu Onuma, Yosuke Miyazaki, Yohei Sotomi, Erhan Tenekecioglu, Rafael Cavalcante, Davide Capodanno, Academic Medical Center, Amsterdam, The Netherlands, Imperial College of London, London, United Kingdom

### 138 - Long-Term Pathological Result of Everolimus-Eluting Stent Versus Silolimus-Eluting Stent and Bare Metal Stent

Hirovoshi Mori, Dheeraj Atmakuri, Robert Kutys, Ryan Braumann, Sho Torii, Maria Romero, Emanuel Harari, Renu Virmani, Alope Finn, CVPath institute, Gaithersburg, MD, USA

## Interventional Cardiology - Poster Contributions

### Session #1241

#### Interventional Cardiology: Structural Heart Disease

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

### 140 - Physiological Effect of Transcatheter Left Atrial Appendage Occlusion on Atrial and Brain Natriuretic Peptides and Salt Water Homeostasis

Roberto Spina, David Muller, Brendan Gunalingam, Cardiac Catheterization Laboratories, St. Vincent's Hospital, Sydney, Australia

### 141 - Initial Results and Long-Term Follow-Up of Percutaneous Mitral Valvuloplasty in Patients With Pulmonary Hypertension

Rafael A. Meneguz-Moreno, Jose de Ribamar Costa, Auristela Ramos, Nisia Gomes, Zilda Meneghelo, Alfredo Ferreira Neto, Dimytri Siqueira, Sergio Braga, Cesar Esteves, Amanda Sousa, Alexandre Abizaid, Instituto Dante Pazzanese de Cardiologia, Sao Paulo, Brazil

### 142 - Effect of PFO Closure for Prevention of Recurrent Stroke or TIA in Highly Selected Patients With Cryptogenic Stroke

Minsu Kim, Woong Chol Kang, Jeonggeun Moon, Pyung Chun Oh, Yae Min Park, Wook-Jin Chung, Youngwoo Jang, Jongwook Yu, Taehoon Ahn, Gachon University Gil Medical Center, Incheon, South Korea

### 143 - Safety and Feasibility of Rotational Atherectomy in Elderly Patients With Severe Aortic Stenosis and Calcific Coronary Artery Disease Undergoing Evaluation for Transcatheter Aortic Valve Replacement

Matthew Lippmann, Jigar Patel, Jared Kvapil, Michael Pierpoline, Peter Tadros, Mark Wiley, Matthew Earnest, Ashwani Mehta, Eric Hockstad, Kamal Gupta, University of Kansas Medical Center, Kansas City, KS, USA, Mid-America Cardiology, Kansas City, KS, USA



144 - Transcatheter Mitral Valve-in-Ring Implantation After Failure of Surgical Mitral Ring Annuloplasty

Tarun Jain, Dee Dee Wang, Marvin H. Eng, Michael Isley, Gaetano Paone, Adam Greenbaum, William O'Neill, Henry Ford Hospital, Detroit, MI, USA

145 - Long-Term Durability of Percutaneous Mitral Valve Repair Using MitraClip System: 8-Year Follow-Up

Yoshifumi Nakajima, Krissada Meemook, Mamoo Nakamura, Asma Hussaini, Saibal Kar, Heart Institute, Ceders-Sinai Medical Center, Los Angeles, CA, USA

146 - The Impact of Transaortic Gradient and Transaortic Flow on the Discrepancy Between Echocardiographic and Cardiac Catheterization Evaluation of Severe Aortic Stenosis With Preserved Ejection Fraction  
Zaher Fanari, Prasad Gunasekaran, Jhapat Thapa, Arslan Shaukat, Kamleish Persad, Sumaya Hammami, Mark Wiley, Buddhadeb Dawn, Joseph West, William Weintraub, Andrew J. Doorey, Peter Tadros, University of Kansas, Kansas City, KS, USA, Christiana Care Health System, Newark, DE, USA

147 - Outcomes of Early Versus Delayed Transcatheter Closure of Post-Myocardial Infarction Ventricular Septal Defect

Mark Heckle, Jeremy Brooksbank, Manyoo Agarwal, Rohan Goswami, Uzoma Ibebuogu, University of Tennessee Health Science Center, Memphis, TN, USA

148 - Syntax Score II in Patients With Coronary Artery Disease Undergoing Mitraclip: A New Approach to Risk Stratification

Slayman Nabih Obeid, Fabian Nietlispach, Adrian Attinger-Toller, Hector Rodriguez, Maurizio Taramasso, Francesco Maisano, University Hospital of Zurich, Zurich Heart Center, Zurich, Switzerland

### Interventional Cardiology - Poster Contributions Session #1242

**Timely Topics in Acute Coronary Syndromes**  
Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 / CNE Hours: 0.75

149 - Health Insurance Related Disparities in Reperfusion and Mortality for Patients With ST Segment Elevation Myocardial Infarction in Sergipe, Brazil  
Jose A. S. Barreto F. H., Laís Costa Souza Oliveira, Jeferson Cunha Oliveira, Ikaro Daniel de Carvalho Barreto, Larissa Andreline Maia Arcelino, José Eduardo Pereira Ferreira, José Teles de Mendonça, Rafael Barreto, Enilson Moraes, Thiago Nascimento, Luiz Flávio Prado, Fabio Silveira, Marcos Antônio Almeida Santos, Antônio Carlos Sobral Sousa, Jussiel Cunha Oliveira, Universidade Federal de Sergipe, Aracaju, Brazil

150 - Outcome and Characteristics of Shockable Versus Non-Shockable Cardiac Arrest in ST Elevation Myocardial Infarction at a Regional Transfer Center

Benjamin Johnson, Claire Donovan, Ross Garberich, John Hibbs, David Larson, Timothy Henry, Scott Sharkey, Minneapolis Heart Institute, Minneapolis, MN, USA, Hennepin County Medical Center, Minneapolis, MN, USA

151 - Effect of Coronary Dominance on 2-Year Outcomes After Percutaneous Coronary Intervention in Patients With Acute Coronary Syndrome  
He Chen, Jin-Qing Yuan, Xu Bo, Department of Cardiology, State Key Laboratory of Cardiovascular Disease, Fuwai Hospital, Beijing, People's Republic of China

153 - Emergency Room Evaluation of Patients With Cardiac Complaints and New Left Bundle Branch Block: The Utility of the Sgarbossa and Modified Sgarbossa Criteria

Supreeti Behuria, Joseph C. Yu, Raibir Sidhu, Perry Fisher, Deepika Misra, Paul (Pavol) Schweitzer, Yumiko Kanei, Mount Sinai Beth Israel, New York, NY, USA

154 - Gender-Related Outcomes in Elderly (> 75 Years) Patients Presenting With Acute Coronary Syndromes: Results From the Swiss Acute Coronary Syndrome Cohort

Barbara E. Staehli, Manfred B. Wischnewsky, Philipp Jakob, Roland Klingenberg, Slayman Obeid, Dik Heg, Lorenz Räber, Stephan Windecker, Francois Mach, Baris Gencer, David Nanchen, Peter Jüni, Ulf Landmesser, Christian Matter, Thomas F. Lüscher, Willibald Maier, Department of Cardiology, University Heart Center, University Hospital Zürich, Zürich, Switzerland

155 - Predictors of High Intensity Statin Use After Percutaneous Coronary Interventions

Michela Faggioni, Zhen Ge, Samantha Sartori, Usman Baber, Annapoorna Kini, George Dangas, Sonny Sayseng, Jaya Chandrasekhar, Jason Kovacic, Pedro Moreno, Birgit Vogel, Serdar Farhan, Clayton Snyder, Joseph Sweeny, Sabato Sorrentino, Srinivas Kesanakurthy, Javed Suleman, Vishal Kapur, Nitin Barman, Choudhury Hasan, Roxana Mehran, Samin Sharma, Mount Sinai Medical Center, New York, NY, USA

156 - Use of Potent P2y12 Inhibitors in African-American Patients Treated With Percutaneous Coronary Intervention for Acute Coronary Syndromes

Michela Faggioni, Usman Baber, Jaya Chandrasekhar, Birgit Vogel, Samantha Sartori, Melissa Aquino, Annapoorna Kini, William Weintraub, Samir Kapadia, Sandra Weiss, Craig Strauss, Clayton Snyder, Catalin Toma, J. Muhlestein, Anthony C. DeFranco, Mark B. Effron, Stuart Keller, Brian Baker, Stuart Pocock, Timothy Henry, Sunil Rao, Roxana Mehran, Mount Sinai Medical Center, New York City, NY, USA

157 - Evaluation of Exercise Response in Young Adults in a High Risk Occupation: Submaximal Invasive Cardiopulmonary Exercise Testing in Active Duty Soldiers

Faith Kelly, James Watts, Terry Bauch, Joseph Murgo, Bernard Rubal, San Antonio Military Medical Center, San Antonio, TX, USA

158 - Kidney Transplantation: Does It Affect Outcomes for Percutaneous Coronary Intervention in Patients Presenting With Acute Myocardial Infarction? Analysis From Nationwide Inpatient Sample (NIS)

Konstantinos V. Voudris, Mladen Vidovich, Department of Medicine, University of Illinois at Chicago / Advocate Christ Medical Center, Chicago, IL, USA, Division of Cardiology, University of Illinois at Chicago, Chicago, IL, USA

159 - Predictors of True ST-Segment Elevation Myocardial Infarction in Cocaine Positive Patients

Ikechukwu Ifediji, Siri Kadire, Tamunoinemi Bob-Manuel, Britney Heard, Leah John, Benjamin Zambetti, Mark Heckle, Fridjof Thomas, Showkat Haji, Rami Khouzam, Guy Reed, Uzoma Ibebuogu, University of Tennessee Health Science Center, Memphis, TN, USA

160 - Acute Coronary Syndrome in Retroviral Positive Patients Challenges and Dilemmas With Special Emphasis on Coronary Revascularization

Natraj Setty, Nagaraja Moorthy, T. R. Raghu, Srinivas B. C., Srinivas K. H., I. Beeresh, Rangaraj Ramalingam, Jayashree Kharge, Manjunath C. N., Sri Jayadeva Institute of Cardiovascular Sciences and Research, Bangalore, India

161 - A New Prognosis Score to Predict Mortality in Patients Over 75 Years Old Undergoing Primary Angioplasty in Cardiogenic Shock

Jose M. de la Torre Hernandez, Joan A. Gomez Hospital, Salvatore Brugaletta, Jose A. Baz, Armando Perez de Prado, Ramon Lopez Palop, Belen Cid, Tamara Garcia Camarero, Alejandro Diego, Federico Gimeno, Jose A. Fernandez Diaz, Juan Sanchis, Fernando Alfonso, Roberto Blanco, Javier Botas, Javier Navarro, Jose Moreu, Francisco Bosa, Jose M. Vegas, Jaime Elizaga, Antonio L. Arrebola, Jose R. Ruiz Arroyo, Jose A. Linares, Felipe Hernandez, Neus Salvatella, ESTROFA Study Group, Santander, Spain

162 - Time to Treatment With Melatonin and Infarct Size in Patients With ST-Segment Elevation Myocardial Infarction: Insights From the MARIA (Melatonin Adjunct in the acute myocArdial Infarction treated with Angioplasty) Trial

Alberto Dominguez-Rodriguez, Pedro Abreu-Gonzalez, Jose M. de la Torre-Hernandez, Luciano Consuegra-Sanchez, Raffaele Piccolo, Julia Gonzalez-



Gonzalez, Tamara Garcia-Camarero, Maria del Mar Garcia-Saiz, Ana Aldea-Perona, Russel Reiter, Department of Cellular and Structural Biology, University of Texas Health Science Center, San Antonio, TX, USA, Hospital Universitario de Canarias, Tenerife, Spain

163 - Systemic Pentraxin 3 Is a Potential Biomarker to Differentiate Plaque Erosion From Plaque Rupture in Acute Coronary Syndrome Patients  
Irina Mustafina, Sining Hu, Haibo Jia, Gonghui Zheng, Wei Liu, Lulu Li, Yinchun Zhu, Chao Wang, Abigail Afolabi, Chunyang Zhe, Yan Wang, Hui Dong, Xiling Zhang, Lin Lin, Yandong Fu, Shaotao Zhang, Yang Liu, Shaosong Zhang, Naufal Zagidullin, Ik-Kyung Jang, Bo Yu, The Second Affiliated Hospital of Harbin Medical University, Harbin, People's Republic of China

164 - Routine Invasive Versus Conservative Strategy for Elderly Patients Aged >75 Years With Non-ST Elevation Acute Coronary Syndrome (NSTE-ACS): A Meta-Analysis of Randomized Controlled Trials  
Aakash Garg, Amit Rout, Sahil Agrawal, Tanush Gupta, Shivank Madan, Gautam Visveswaran, Lohit Garg, Parasuram Krishnamoorthy, Abhishek Sharma, John Kostis, Rutgers Saint Peter's University Hospital, New Brunswick, NJ, USA

165 - Predictors of Mortality in Acute Myocardial Infarction Patients With Unprotected Left Main Coronary Artery Disease  
Seung-Woon Rha, Sung Hun Park, Byoung Geol Choi, Se Yeon Choi, Jae Kyeong Byun, Min Shim, Jun Hyuk Kang, Woo Hyeun Kim, Eun Jin Park, Jah Yeon Choi, Sunki Lee, Hu Li, Jin Oh Na, Cheol Ung Choi, Hong Euy Lim, Jin Won Kim, Eung Ju Kim, Chang Gyu Park, Hong-Seog Seo, Dong Joo Oh, Korea University Guro Hospital, Seoul, South Korea

166 - Percutaneous Coronary Intervention Is Associated With Decreased Mortality in NSTEMI Patients With Advanced CKD  
Subir Bhatia, Shilpkumar Arora, Sravya Mallam, Kanishk Agnihotri, Parshva Patel, Nilay Patel, Apurva Badheka, Sidakpal Panaich, Abhishek Deshmukh, Mayo Clinic, Rochester, MN, USA

### Interventional Cardiology - Poster Contributions

#### Session #1243

#### Interventional Cardiology: TAVR 3

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 / CNE Hours: 0.75

167 - Multicenter Evaluation of the ACURATE Neo Transfemoral Transcatheter Heart Valve: Clinical Results and Propensity Matched Comparison With SAPIEN 3  
Oliver Husser, Won-Keun Kim, Costanza Pellegrini, Andreas Holzamer, Thomas Walther, Patrick N. Mayr, Michael Joner, Albert M. Kasel, Jonathan Michel, Tobias Andreas Rheude, Adnan Kastrati, Heribert Schunkert, Christof Burgdorf, Michael Hilker, Helge Möllmann, Christian Hengstenberg, Germa Heart Center Munich, Munich, Germany

168 - First Report of Clinical Outcomes With the Next-Generation LOTUS Edge Valve System: Results From the LOTUS Edge Feasibility Trial  
Darren Walters, Robert Gooley, O. Christopher Raffel, Liam M. McCormick, Anne Cornaille, Dominic J. Allocco, Ian Meredith, The Prince Charles Hospital, Brisbane and University of Queensland, Brisbane, Queensland, Australia, MonashHeart, Monash Health, Monash Medical Centre & Monash University, Melbourne, Victoria, Australia

169 - Transcatheter Aortic Valve Implantation in Patients With Bicuspid Aortic Valve Stenosis Utilizing the Next Generation Fully Retrievable and Repositionable Valve System: Early Results From the Multicenter Pol-Tavi Registry  
Lukasz Koltowski, Janusz Kochman, Radoslaw Parma, Anorzey Ochala, Zenon Huczek, Adam Witkowski, Piotr Scislo, Marek Grygier, Maciej Lesiak, Eberhard Grube, Marian Zembala, Medical University of Warsaw, Warsaw, Poland

170 - Does Balloon Predilatation Influence Outcome With the Lotus Valve: 30-Day Results From the RESPOND Study  
Nicolas M. Van Mieghem, Jochen Woehrle, David Hildick-Smith, Sabine Bleiziffer, Daniel J. Blackman, Mohamed Abdel-Wahab, Ulrich Gerckens, Axel Linke, Hueseyin Ince, Peter M. Wenaweser, Dominic Allocco, Keith Dawkins, Volkmar Falk, Boston Scientific, Marlborough, MA, USA

183 - One Year Outcome in Patients Undergoing Transfemoral Aortic Valve Replacement (TAVR) With the Repositionable and Retrievable Boston Scientific Lotus Valve Compared With the Balloon-Expandable Edwards Sapien 3 Device  
Julia Seeger, Birgid Gonska, Wolfgang Rottbauer, Jochen Woehrle, University of Ulm, Ulm, Germany

171 - Initial Use of the Evolut Pro Self-Expanding Transcatheter Aortic Valve  
John Kiene Forrest, Abeel Mangi, Jeffrey Popma, Kamal Khabbaz, Michael Reardon, Neal Kleiman, Steven Yakubov, Daniel Watson, Susheel Kodali, Isaac George, Peter Tadros, George Zorn, John Brown, Robert Kipperman, Cezar Staniloae, Mathew Williams, Yale-New Haven Hospital, New Haven, CT, USA

172 - Comparison of Acute Elastic Recoil Between CoreValve and SAPIEN 3 Valves in Transcatheter Aortic Valve Replacement  
Yash Jobanputra, Kesavan Sankaramangalam, Krishna Kandregula, Kinjal Banerjee, Brandon Jones, Stephanie Mick, Amar Krishnaswamy, Maan Fares, Samir Kapadia, Cleveland Clinic, Cleveland, OH, USA

173 - Regional Variations in In-Hospital Outcomes and Healthcare Resource Utilization in Patients Undergoing Transcatheter Aortic Valve Replacement in the United States  
Tanush Gupta, Dhaval Kolte, Sahil Khera, Kashish Goel, Pedro Villablanca, Wilbert Aronow, Howard Cooper, Charanjit Rihal, Anna Bortnick, David Slovut, Cynthia Taub, Mark Menegus, Robert Pyo, Gregg Fonarow, Julio Panza, Mario Garcia, Deepak Bhatt, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA, Brigham and Women's Hospital, Boston, MA, USA

174 - Role of Hospital Volume in Identifying Low and High-performing Surgical Valve Centers in the United States  
Rohan Khera, Ambarish Pandey, Brahmajee Nallamothu, Sandeep Das, Mark H. Drazner, Michael Jessen, Ajay Kirtane, Deepak Bhatt, James A. de Lemos, Dharam Kumbhani, University of Texas Southwestern Medical Center, Dallas, TX, USA

176 - Transapical TAVR Is Associated With Higher Morbidity and Mortality Compared to Transfemoral TAVR in Men but Not in Women  
Salman Atiq Arain, Yelin Zhao, Jaafer Al-Khafaji, Kaleb Lambeth, Abhijeet Dhoble, Tom Nguyen, Pranav Loyalka, Biswajit Kar, Richard Smalling, Prakash Balan, University of Texas Health Sciences Center - Houston, Houston, TX, USA

177 - Transfemoral Versus Transapical Transcatheter Aortic Valve Replacement: An Analysis of 2013 National Readmission and Inpatient Sample Databases  
Afnan R. Tariq, Aditya Mantha, University of California Irvine, Orange, CA, USA

178 - The Natural History of Paravalvular Regurgitation After Transarterial Valve Implantation for Severe Aortic Stenosis: One Center Experience  
Dragos Alexandru, Timothy Park, Florentina Petillo, Simcha Pollack, George Petrossian, Newell Robinson, Dennis Mihalatos, Eddy Barasch, St. Francis Hospital, Roslyn, NY, USA

179 - Comparative Outcome of Paravalvular Leak Following Surgical Versus Transcatheter Aortic Valve Replacement  
Mahmoud Ali, Ratnasari Padang, Kevin Greason, Christopher Scott, Charanjit Rihal, Mackram F. Eleid, Patricia Pellikka, Vuyisile Nkomo, Sorin Pislaru, Mayo Clinic, Rochester, MN, USA



180 - Patterns of Red Blood Cell Transfusion and Associated Outcomes in Patients Undergoing TAVR: Insights for the STS/ACC TVT Registry  
Matthew William Sherwood, Katelyn Xiang, Roland Matsouaka, Sreekanth Vemulapalli, Amit Vora, Eric Peterson, Sunil Rao, Inova Heart and Vascular Institute, Falls Church, VA, USA, Duke Clinical Research Institute, Durham, NC, USA

175 - Periprocedural Blood Transfusions in Patients Undergoing Transcatheter Aortic Valve Replacement  
Konstantinos V. Voudris, Richard B. Devereux, Dmitriy Feldman, Robert Minutello, Luke Kim, Harsimran Singh, Geoffrey Bergman, Arash Salemi, Shing-Chiu Wong, Department of Medicine, University of Illinois at Chicago / Advocate Christ Medical Center, Chicago, IL, USA, New York Presbyterian / Weill Cornell Medical College, New York, NY, USA

181 - Predictors of Late Bleeding in the TAVR Population  
Elsheikh Abdelrahim, Marvin H. Eng, Sarah Gorgis, Sagger Mawri, Dee Dee Wang, Adam Greenbaum, Meredith Mahan, Janet Wyman, Gaetano Paone, William O'Neill, Henry Ford Hospital, Detroit, MI, USA

188 - Antithrombotic Therapy Differences and Associated Outcomes in Patients With Atrial Fibrillation Undergoing Transcatheter Aortic Valve Replacement  
Ron Waksman, M. Chadi Alraies, Kyle Buchanan, Edward Koifman, Homam Moussa Pacha, Arie Steinvil, Toby Rogers, Jiaxiang Gai, Rebecca Torguson, Michael Gaglia, Itsik Ben-Dor, Augusto Pichard, Lowell Satler, Washington Hospital Center, Washington, DC, USA

182 - Apixaban in Atrial Fibrillation Patients With Renal Insufficiency After Transcatheter Aortic Valve Replacement  
Julia Seeger, Birgid Gonska, Wolfgang Rottbauer, Jochen Woehrle, University of Ulm, Ulm, Germany

184 - Transcatheter Aortic Valve Replacement Patients With Atrial Fibrillation Are at High Risk for Stroke and Bleeding: A Rationale for Consideration of Transcatheter Aortic Valve Replacement and Left Atrial Appendage Closure as Complementary Therapies  
Kishore J. Harjai, Eugenia Hopkins, Vernon Mascarenhas, Samuel Crockett, Deepak Singh, Russell Stahl, Thomas J. Bules, Lori Scalzo, Pugazhendhi Vijayaraman, Geisinger Wyoming Valley Heart Hospital, Wilkes-Barre, PA, USA

185 - Stroke and Cardiovascular Outcomes in Patients With Carotid Disease Undergoing TAVR: Insights From the STS/TVT Registry  
Ajar Kochar, Zhuokai Li, John Harrison, G. Chad Hughes, Vinod Thourani, Michael Mack, David Cohen, Eric Peterson, William Jones, Sreekanth Vemulapalli, Duke Clinical Research Institute, Durham, NC, USA

186 - Meta-Analysis on Cerebral Embolic Protection Devices During Transcatheter Aortic Valve Implantation  
Rodrigo Bagur, Karla Solo, Luis Nombela-Franco, Chun Shing Kwok, Mamas Mamas, Western University, London, Canada

189 - Acute Aortic Regurgitation Post-Transcatheter Aortic Valve Replacement: Impact of Various Treatment Strategies  
Ron Waksman, Edward Koifman, Hector Garcia-Garcia, Paul Corso, Sarkis Kiramijyan, Romain Didier, Nirav Patel, Arpi Tavit-Shtelyan, Arie Steinvil, Toby Rogers, Sandeep Kumar, Jiaxiang Gai, Rebecca Torguson, Itsik Ben-Dor, Augusto Pichard, Lowell Satler, MedStar Washington Hospital Center, Washington, DC, USA

187 - Transcatheter Aortic Valve Implantation Is Safe in Patients With Left Atrial Thrombus or Spontaneous Echo Contrast  
Berhane M. Worku, Polydoros Kampaktsis, Iosif Gulkarov, Shing-Chiu Wong, Regis Chang, Abdullah Aftab, Arash Salemi, New York Presbyterian Hospital/Weill Cornell Medical Center, New York, NY, USA, New York Methodist Hospital, Brooklyn, NY, USA

190 - Prosthetic Surgical Tissue Valve Enlargement Using a High-Pressure Balloon (Fracturing the Ring) to Facilitate Transcatheter Valve-in-Valve Implantation  
Keith B. Allen, Adnan Chhatrwalla, David Cohen, Sanjeev Aggarwal, Suzanne Baron, Anthony Hart, John Saxon, Anthony Bavry, Thomas Beaver, Ashkan Karimi, Michael Lim, Richard Lee, A. Michael Borkon, St. Luke's Mid America Heart Institute, Kansas City, MO, USA, University of Florida, Gainesville, FL, USA

191 - Infective Endocarditis After Transcatheter Aortic Valve Replacement: Insights From the Nationwide Readmissions Database  
Dhaval Kolte, Andrew Goldsweig, J. Abbott, Paul Gordon, Frank Sellke, Afshin Ehsan, Neel Sodha, Barry Sharaf, Herbert Aronow, Brown University/Rhode Island Hospital, Providence, RI, USA

192 - Risk of Adverse Outcomes in Treatment Modalities for Severe Aortic Stenosis in Randomized Control Trials: Direct and Indirect Comparisons  
Navkaranbir S. Bajaj, Garima Arora, Nirav Patel, Rajat Kalra, Shikhar Vohra, Amier Ahmad, Pankaj Arora, University of Alabama at Birmingham, Birmingham, AL, USA, Brigham and Women's Hospital, Boston, MA, USA

193 - Transcatheter Versus Surgical Aortic Valve Replacement in Diabetes Mellitus: From the Nationwide Inpatient Sample  
Tomo Ando, Emmanuel Akintoye, Tesfaye Telila, Alexandros Briasoulis, Hisato Takagi, David Slovut, Theodore Schreiber, Cindy Grines, Luis Afonso, Detroit Medical Center, Detroit, MI, USA

194 - Comparing Outcomes in COPD Patients Undergoing TAVR and SAVR: A Propensity Matched Analyses  
Viraj Bhise, Min Ji Kwak, Richard Smalling, Abhijeet Dhole, University of Texas McGovern School of Medicine, Houston, TX, USA

195 - Clinical Outcomes of Patients With Pacemaker Implantation After Transcatheter Aortic Valve Replacement: Meta-Analysis and Meta-Regression  
Divyanshu Mohananey, Stephanie Mick, Amar Krishnaswamy, E. Murat Tuzcu, Samir Kapadia, Cleveland Clinic, Cleveland, OH, USA

196 - The Incidence of Permanent Pacemaker Implantation With SAPIEN 3 Heart Valve - Implantation Depth: The Higher the Better?  
Fernando Ramirez Del Val, Edward Carreras, Ahmed Kolkailah, Ritam Chowdhury, Siobhan McGurk, Jiyae Lee, Prem Shekar, Charles Nyman, Piotr Sobieszczyk, Marc Pelletier, Tsuyoshi Kaneko, Douglas Shook, Brigham and Women's Hospital, Boston, MA, USA

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions**  
**Session #1244**  
**Non Invasive Imaging: MR Scar and Perfusion**  
**Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.**  
**Poster Hall, Hall C**  
**CME Hours: 0.75 /CNE Hours: 0.75**

197 - Doxorubicin-Associated Cardiac Tissue Remodeling in Breast Cancer Patients: A Cardiac Magnetic Resonance Study  
Thiago Quinaglia Silva, Ferreira de Souza Thiago, Felipe Osorio Costa, Tom Neilan, Ravi Shah, Velloso Licio, Wilson Nadruz Junior, Fabricio Brenelli, Sposito Andrei Carvalho, Otavio Coelho, Michael Jerosch-Herold, Otavio Rizzi Coelho Filho, University of Campinas, Campinas, Brazil

198 - Functional Consequences of Myocardial Scar After Myocardial Infarction: Characterization of Myocardial Scar Extent With Late Gadolinium Contrast Enhanced Cardiac Magnetic Resonance and Impact on Multilayer Global Longitudinal Strain on Speckle Tracking Echocardiography  
Rachid Abou, Laurien Goedemans, Rob J. van der Geest, Martin Schalij, Nina Ajmone Marsan, Victoria Delgado, Jeroen Bax, Leiden University Medical Center, Leiden, The Netherlands





199 - Hyperemic Subendocardial-to-Subepicardial Perfusion Ratio as a Surrogate Marker for Coronary Endothelial Dysfunction: Initial Results in Women With Microvascular Dysfunction

Behzad Sharif, Ahmed Al Badri, Janet Wei, Babak Azarbal, Bruce Samuels, Debiao Li, Daniel Berman, C. Noel Bairey Merz, Cedars-Sinai Medical Center, Los Angeles, CA, USA

200 - Incremental Prognostic Utility of Late Gadolinium Enhancement in Hypertrophic Cardiomyopathy

Amgad G. Mentias, Pejman Raeisi-Giglou, Ke Feng, Zoran Popovic, Nicholas Smedira, Maran Thamilarasam, Scott Flamm, Harry Lever, Milind Y. Desai, Cleveland Clinic, Cleveland, OH, USA

201 - Assessment of Myocardial Perfusion Reserve Index Using Adenosine Versus Regadenoson Among Healthy Female Subjects

Sawan Jainapurkar, Parham Zarrini, Janet Wei, Behzad Sharif, Balaji Tamarappoo, Ahmed Al Badri, Galen Cook-Wiens, Daniel Berman, Louise Thomson, C. Noel Bairey Merz, Cedars Sinai Medical Center, Los Angeles, CA, USA

202 - Multimodality Analysis of Abnormal Myocardial Perfusion in Post-Heart Transplant Recipients

Akhil Narang, John E. Blair, Victor Mor-Avi, Savitri Fedson, Nir Uriel, Roberto Lang, Amit Patel, University of Chicago, Chicago, IL, USA

203 - Mean Pulmonary Artery Velocity Estimated by Cardiac Magnetic Resonance as an Early Prognostic Indicator in Heart Failure With Reduced Ejection Fraction Irrespective of Right Ventricular Function

Blanca Trejo Velasco, Oscar Fabregat-Andrés, María Pilar García-González, Mónica Ferrando, Diana Perdomo-Londoño, Cristina Albiach-Montañana, Rafael dela Espriella-Juan, Sergio Sánchez-Álvarez, Juan Pablo Cárdenas-Tealdo, Salvador Morell-Cabedo, Francisco Ridocci-Soriano, Hospital General Universitario de Valencia, Valencia, Spain

205 - Association of Right Atrial Function With Incident Atrial Fibrillation: The Multi-Ethnic Study of Atherosclerosis (MESA)

Eric Xie, Ricky Yu, Bharath Ambale Venkatesh, Hooman Bakhshi, Susan Heckbert, Elsayed Soliman, David Bluemke, Steven Kawut, Saman Nazarian, Joao Lima, Johns Hopkins University School of Medicine, Baltimore, MD, USA

206 - The Effect of Right Ventricular Compression on Cardiac Function in Pediatric Pectus Excavatum Patients

Candice Y. Li, Michael Taylor, Victor Garcia, Rebecca Brown, Mantosh Rattan, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions

#### Session #1245

#### New Technologies in Echocardiography

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

207 - Mitral Annular Disjunction Prevalence and Physiologic Consequences in Degenerative Mitral Regurgitation: A Dynamic 3-Dimensional Echocardiographic Study

Francesca Mantovani, Giovanni Benfari, Marie-Annick Clavel, Joseph F. Maalouf, Sunil Mankad, Hector Michelena, Rakesh Suri, Simon Maltais, Maurice Sarano, Mayo Clinic, Rochester, MN, USA

208 - Transthoracic Echocardiography to Guide Extracorporeal Membrane Oxygenation Decannulation After Refractory Ventricular Fibrillation Cardiac Arrest Treated With Primary Angioplasty: A Turndown Protocol

Luis Felipe N. Kazmirczak, Kathleen Carlson, Jason Bartos, Cindy Martin, Ganesh Raveendran, K. Madhu, Ranjit John, Demetris Yannopoulos, Emil Missov, University of Minnesota, Minneapolis, MN, USA

209 - Left Atrial Volume Index Over Late Diastolic Mitral Annular Velocity: A New Non-Invasive Parameter for Measurement of Left Ventricular End Diastolic Pressure

Rahul Vasudev, Upamanyu Rampal, Hiten Patel, Kunal Patel, Raja Pullatt, Mahesh Bikkina, Faye Shamoon, New York Medical College at St. Joseph's Regional Medical Center, Paterson, NJ, USA

210 - Three-Dimensional Echocardiographic Automated Quantification of Left Ventricular and Atrial Volumes Using Adaptive Analytics Algorithm: Feasibility in Non-Selected Patients

Diego Medvedofsky, Lynn Weinert, Isida Byku, Megan Yamat, Eric Kruse, Boguslaw Cizek, Alma Nelson, Victor Mor-Avi, Roberto Lang, University of Chicago, Chicago, IL, USA

211 - Novel Non-Invasive Left Ventricular Stiffness Index in Patients With Low-Flow Compared to Normal-Flow Severe Aortic Stenosis With Preserved Left Ventricular Ejection Fraction

Nicholas Ngiam, Benjamin Tan, Ching-Hui Sia, Hui-Wen Sim, Elaine Boey, William K. F. Kong, Tiong Cheng Yeo, Kian Keong Poh, National University Heart Centre Singapore, National University Health System, Singapore, Singapore

212 - Lipoproteins, Statin Therapy, Carotid Atherosclerotic Plaque Vulnerability and Stiffness: A Study of Novel Ultrasound Methods Utilizing Microbubble Contrast Enhancement and Shear Wave Elastography

Runqing Huang, Matthew W. Urban, J. Kevin DeMarco, Waleed Brinjikji, John Huston, III, Thanila A. Macedo, Eric J. Dailey, Mary E. Hagen, Sharon L. Mulvagh, Mayo Clinic, Rochester, MN, USA

213 - Novel Echocardiographic Measurements Detect Increased Myocardial Stiffness in Patients With Severe Organic Mitral Regurgitation

Tais De Jesus, Mahmoud Alashry, Sorin Pislaru, Ratnasari Padang, Elise Oehler, Vuyisile Nkomo, Patricia Pellikka, Cristina Pislaru, Mayo Clinic College of Medicine, Rochester, MN, USA

214 - Microvascular Blood Flow Abnormalities in Patients With Peripheral Vascular Disease and Abnormal Versus Normal Ankle Brachial Indices

Thomas Richard Porter, Feng Xie, George P. Casale, Hernan Hernandez, Constance Mietus, Holly DeSpeigelaere, Iraklis Pipinos, University of Nebraska Medical Center, Omaha, NE, USA

215 - Automated Detection of Mitral Valve Annular and Leaflet Geometry: Echocardiography and CT Comparison

Margret Bratanoff, Ben Lin, Tawai Ngernsritrakul, Mohammed T. Essa, Helene Houle, David Hur, Rachel E. Kaplan, Hamid Mojibian, Lissa Sugeng, Yale University School of Medicine, New Haven, CT, USA

216 - Dynamic Changes of Mitral Apparatus in Acute Myocardial Infarction With Ischemic Mitral Regurgitation: Prospective 3D Quantitative Echocardiographic Study

Toshiyuki Kimura, Nozomi Watanabe, Sergio Barros-Gomes, Veronique Roger, Maurice Enriquez-Sarano, Mayo Clinic, Rochester, MN, USA

217 - The Effect of Transcatheter Aortic Valve Replacement on Subclinical Cardiac Function Using Speckle Tracking Echocardiography

Nirai Asthana, Aditya Mantha, Eric Yang, Peyman Benharash, Gabriel Vorobiof, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

218 - New Hybrid Stress Echocardiography Protocol: A Non-Inferiority Study

Manish Jain, Shelly Rahman Haley, Aigul Baltabaeva, Department of Echocardiography, Royal Brompton & Harefield Hospital NHS Trust, Harefield, United Kingdom

219 - Assessment of Right Ventricular Energy Loss and Efficiency Using Novel Vector Flow Mapping

Masataka Sugahara, Nina Hasselberg, Marc Simon, John Gorcsan, University of Pittsburgh Medical Center, Pittsburgh, PA, USA





220 - Accuracy and Reproducibility of Automated 3D Echocardiographic Analysis of Left Ventricular Size and Ejection Fraction in Childhood Cancer Survivors

Anitha Parthiban, Rita France, Kimberley J. Reid, Girish Shirali, Sanket Shah, Children's Mercy Hospital and Clinics, Kansas City, MO, USA

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions

#### Session #1246

#### Nuclear Cardiology: Quality

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

222 - Worldwide Variation in the Use of Nuclear Cardiology Camera Technology, Reconstruction Software, and Acquisition Protocols: Findings From the IAEA Nuclear Cardiology Protocols Study (INCAPS)

Edward A. Hulten, Mathew Mercuri, Thomas Pascual, Joao Vitola, Nathan Better, Ganesan Karthikeyan, John Mahmarian, Madan Rehani, Maurizio Dondi, Diana Paez, Andrew Jeffrey Einstein, INCAPS Investigators, Columbia University, New York, NY, USA, IAEA, Vienna, Austria

223 - Increasing Equipment Vintage Predicts Poor Laboratory Quality and Delay in Accreditation: An Evaluation by IAC Echocardiography and Nuclear Accreditation Status

Saurabh Malhotra, Mary Beth Farrell, William Katz, Prem Soman, University at Buffalo, Buffalo, NY, USA, University of Pittsburgh, Pittsburgh, PA, USA

224 - Repeatability of Appropriateness Category Allocation by Trained Physicians

Daniel Nguyen, Aditi Nayak, Christopher Pray, Christopher Link, Andrew Althouse, Prem Soman, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

225 - Rest Scan Does Not Improve Automatic Machine Learning Prediction of Major Adverse Coronary Events After High Speed Myocardial Perfusion Imaging

Julian Andres Betancur, Yuka Otaki, Matthews Fish, Mark Lemley, Damini Dey, Balaji Tamarappoo, Guido Germano, Daniel Berman, Piotr Slomka, Cedars-Sinai Medical Center, Los Angeles, CA, USA, Sacred Heart General Hospital, Eugene, OR, USA

226 - Automatic SPECT Analysis Compared to Expert Visual Scoring for the Detection of Coronary Artery Disease

Roel Driessen, Pieter Raijmakers, Ibrahim Danad, Wijnand Stuijzand, Stefan Schumacher, Adriaan Lammertsma, Albert van Rossum, Niels Van Royen, Stephen Underwood, Paul Knaapen, VU University Medical Center, Amsterdam, The Netherlands

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions

#### Session #1247

#### Non Invasive Imaging: Prognostic Implications of CT Angiography

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

227 - Prediction of Future Cardiovascular Risk by Analysis of Various CT Coronary Angiography-Determined Quantitative Plaque Compositional Characteristics Among Patients With Diabetes Enrolled in the FACTOR-64 Study: The Importance of the Calcified Coronary Plaque

Farangis Lavasani, Heidi May, Alan C. Kwan, George Cater, Boaz D. Rosen, David Bluemke, Donald Lappe, Jeffrey Anderson, Kirk Knowlton, Joao Lima, J. Muhlestein, Intermountain Medical Center, Murray, UT, USA, University of Utah, Salt Lake City, UT, USA

228 - Smoking and its Relationship With Long Term Events: Further Insights From the CONFIRM (Coronary CT Angiography Evaluation For Clinical Outcomes: An International Multicenter) Registry

Nima Omid-Fard, Amir Ahmadi, Philipp Blanke, Stephanie Sellers, Heidi Gransar, Daniel Berman, Tracy Callister, Augustin DeLago, Martin Hadamitzky, Joerg Hausleiter, Matthew Budoff, Philipp Kaufmann, Gilbert Raff, Kavitha Chinnaiyan, Todd Villines, Gudrun Feuchtnner, Gianluca Pontone, Daniele Andreini, Hugo Marques, Ronen Rubinshtein, Stephan Achenbach, Leslee Shaw, Millie Gomez, James Min, Jonathon Leipsic, Department of Medicine and Radiology, University of British Columbia, Vancouver, Canada

229 - Computed Tomography Coronary Angiography Derived Plaque Morphology Predicts Major Adverse Cardiovascular Events: Insights From a 19,943 Patient Meta-Analysis

Nitesh Nerlekar, Caitlin Cheshire, Hashrul Rashid, Rahul Muthalaly, James Cameron, Ian Meredith, Sujith Seneviratne, Dennis Wong, Adam Brown, MonashHeart, Clayton, Australia

230 - Long-Term Prognostic Value of Computed Tomography-Derived Corrected Contrast Opacification Decrease in Patients With Coronary Stenosis

Dominik C. Benz, Fran Mikulicic, Christoph Gräni, Dominic Moret, Oliver Gaemperli, Ronny Buechel, Aju Paul Pazhenkottil, Philipp Kaufmann, University Hospital Zurich, Zurich, Switzerland

232 - Prognostic Utility of Coronary Computed Tomographic Angiography Beyond Coronary Artery Calcium Score in Diabetic Patients With No Symptoms or Non-Typical Chest Pain: The CONFIRM Registry

Mahn Won Park, Ji Hyun Lee, Brian O. Hartaigh, Asim Rizvi, Donghee Han, Hadi Mirhedayati Roudsari, Subhi Al'Aref, Khalil Anchouche, Ashley Beecy, Yao Lu, Heidi Gransar, Jessica Pena, James Min, Fay Lin, on behalf of the CONFIRM Investigators, Dalio Institute of Cardiovascular Imaging, New York, NY, USA

231 - Ethnic Differences of Coronary Atherosclerosis in Computed Tomography Angiography and Subsequent Risk of Major Adverse Cardiovascular Events: The CONFIRM Registry

David Sanders, Aaron Jolly, Nathan D. Wong, Heidi Gransar, Mayil Krishnam, James K. Min, Daniel S. Berman, CONFIRM Study Group, UC Irvine Medical Center, Orange, CA, USA, Cedars Sinai Medical Center, Los Angeles, CA, USA

234 - Prognostic Value of Segment Involvement Score Compared to Other Measures of Coronary Atherosclerosis by Computed Tomography: A Systematic Review and Meta-Analysis

Chadi Ayoub, Fernanda Erthal, Mahmoud Abdelsalam, Mohammad H. Murad, Zhen Wang, Patricia Erwin, Graham S. Hillis, Leonard Kritharides, Benjamin Chow, Mayo Clinic, Rochester, MN, USA, University of Ottawa Heart Institute, Ottawa, Canada

235 - Carotid Plaque Is Predictive of Cardio Vascular Events in Asymptomatic Diabetes: A Prospective Study

Anand Jeevarethinam, Shreenidhi Venuraju, Alain Dumo, Sherezade Ruano, Miranda Rosenthal, Devaki Nair, Daniel Darko, Mark Cohen, Avijit Lahiri, Roby Rakhit, Wellington Hospital, London, United Kingdom, University College London, London, United Kingdom

237 - Prognostic Value of Platelet-Fibrin Clot Strength on Occurrence of Cardiovascular Events After Non-Cardiac Surgery

Jong-Hwa Ahn, Min Gyu Kang, Jin-Sin Koh, Yongwhi Park, Jin-Yong Hwang, Jeong Rang Park, Young-Hoon Jeong, Gyeongsang National University Changwon Hospital, Gyeongsang National University, South Korea

238 - Quantitative Measurement of Coronary Intra-Plaque Necrotic Core by Coronary CT Angiography in Victims of Autopsy-Proven Sudden Coronary Death: A Comparison to a Histologic Reference Standard

Donghee Han, Fay Lin, Ji Hyun Lee, Asim Rizvi, Mahn Won Park, Hadi Mirhedayati Roudsari, Lohendran Baskaran, Heidi Gransar, Ashley Beecy,



Khalil Anchouche, Subhi Al'Aref, Kazuyuki Yahagi, Sho Torii, Briain O. Hertaigh, Hyung Bok Park, Sang-Eun Lee, Robert Kutys, David Fowler, James Earls, Jessica Pena, Hyuk-Jae Chang, James Min, Renu Virmani, Dalio ICI, Weill Cornell Medicine, New York, NY, USA

**233 - Prognosis of Obstructive and Non-Obstructive Stents by Coronary Computed Tomographic Angiography: The CONFIRM Registry**  
Mahn Won Park, Ji Hyun Lee, Briain O. Hertaigh, Asim Rizvi, Donghee Han, Hadi Mirhedayati Roudsari, Subhi Al'Aref, Khalil Anchouche, Ashley Beecy, Heidi Gransar, Yao Lu, Jessica Pena, James Min, Fay Lin, on behalf of the CONFIRM Investigators, Dalio Institute of Cardiovascular Imaging, New York, NY, USA

**239 - HEART Score Does Not Predict the Severity of Anatomical Coronary Artery Disease in Patients Presenting to the Emergency Department With Chest Pain**  
Aishwarya Bhardwaj, Susan Graham, Stanley Fernandez, Umesh Sharma, Saurabh Malhotra, University at Buffalo, Buffalo, NY, USA

**240 - Coronary Artery Structural Remodeling by Computed Tomography and Echocardiographic Left Ventricular Mass Changes Over the Next 5 Years: The Coronary Artery Risk Development in Young Adults (CARDIA) Study**  
Aristotelis Papayannis, Daniel A. Duprez, Yaorong Ge, James Terry, Edmond Kabagambe, Donald Lloyd-Jones, Joao Lima, Bharath Ambale-Venkatesh, Satoru Kishi, John Carr, David Jacobs, University of Minnesota, Minneapolis, MN, USA

**241 - The Relationship Between Pericardial Adipose Tissue Volume, Atherosclerotic Plaque Type and Cardiovascular Risk: A High Risk Plaque Biomechanics Sub-Study**  
Naeema Ginnwala-Hasan, Francis Joshi, Jason Tarkin, Samantha Sartori, Mario Garcia, Usman Baber, Roxana Mehran, Pieter Muntendam, Valentin Fuster, Zahi Fayad, James Rudd, University of Cambridge, Cambridge, United Kingdom

**242 - Can We Identify Plaques That Will Cause Acute Coronary Syndromes? An 8 Year Prospective Study Based on CT Angiography in Asymptomatic Diabetics**  
David A. Halon, Ronen Rubinshtein, Barak Zafrir, Mali Azencot, Moshe Y. Flugelman, Basil Lewis, Lady Davis Carmel Medical Center, Haifa, Israel

### Non-Certified Industry Events - Learning Destinations

#### Session #4208

#### Doctor, I'm Dizzy: Clinical Perspectives of Neurogenic Orthostatic Hypotension

Saturday, March 18, 2017, 1:30 p.m. - 2 p.m.

Expo Hall 1357

CME Hours: /CNE Hours:

1:30 p.m.

Doctor, I'm Dizzy: Clinical Perspectives of Neurogenic Orthostatic Hypotension

Brian Olshansky

Iowa City, IA

### Prevention - Poster Contributions

#### Session #1234

#### Markers of Prognosis Associated With Elevated Blood Pressure

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

**034 - Isolated Systolic Hypertension and Pulse Pressure Are Associated With High-Sensitivity Cardiac Troponin-T and NT-pro BNP in Older Adults**  
Nidhi Madan, Alexandra Lee, Kunihiro Matsushita, Ron Hoogeveen, Christie Ballantyne, Elizabeth Selvin, John McEvoy, Johns Hopkins University, Baltimore, MD, USA

**036 - Prevalence and Prognostic Significance of Cardiac Troponin-T Elevation in Patients Admitted With Hypertensive Crises**

Arthur Omondi, Pedro Villablanca Spinetto, Faraj Kargoli, Tatsiana Aleksandrovich, Peter Vlismas, Jean Claude Uwamungu, Tatiana Teslova, Daniel Sims, Montefiore Medical Center, Bronx, NY, USA

**037 - Cardio-Femoral Vascular Index: A New Marker of Arterial Aging**  
Timothy S. Phan, Harry Garrett Oldland, Khuzaima Javaid, Uzma Kewan, Izzah Vasim, Swapna Varakantam, Scott R. Akers, Julio A. Chirinos, University of Pennsylvania, Philadelphia, PA, USA

**033 - Incidence of Subclinical Atherosclerosis in Patients With Resistant Hypertension**  
Hyung Oh Kim, Kim Kwon Sam, Weon Kim, Jong-Shin Woo, Woo-Shik Kim, Soo-Joong Kim, Jin-Bae Kim, Jung Myung Lee, Hyemoun Chung, Jae Min Kim, Kyung Hee Medical Center, Seoul, South Korea

**035 - Direct Transition to Dilated Cardiomyopathy Without Antecedent Left Ventricular Hypertrophy Is Uncommon Among Hypertensive Subjects in a Large Clinical Cohort**  
Brett Izzo, Eric Farber-Eger, Evan Brittain, Quinn Wells, Vanderbilt University Medical Center, Nashville, TN, USA

**038 - Decreased Aortic Inertance Is Independently Associated With Left Ventricular Hypertrophy: Role in Ventricular-Arterial Coupling**  
Timothy S. Phan, Zeba Hashmath, Amer Ahmed Syed, Izzah Vasim, Uzma Kewan, Swapna Varakantam, Scott R. Akers, Julio A. Chirinos, University of Pennsylvania, Philadelphia, PA, USA

### Prevention - Poster Contributions

#### Session #1235

#### Innovations in Cardiovascular Risk Assessment and Reduction

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

**040 - A Network-Based Approach to Measuring the Reported Impact of Disclosing Genetic Risk for Coronary Heart Disease**

Sherry-Ann Brown, Iftikhar Kullo, Mayo Clinic, Rochester, MN, USA

**041 - Most Patients With Acute Coronary Syndromes Are Already at High Risk Prior to the Event and Lipid Management Is Underachieved Both Before and After Hospitalization: The Phaethon Study**

Dimitrios Terentes-Printzios, Charalambos Vlachopoulos, George Andrikopoulos, Stylianos Tzeis, Efstathios Iliodromitis, Dimitri Richter, Athanasios Pipilis, Dimitrios Stakos, David Symeonidis, John Lekakis, Dimitris Tousoulis, Panagiotis Vardas, First Cardiology Department, Hippokraton Hospital, University of Athens Medical School, Athens, Greece

**042 - Are the Cardiovascular Risk Reductions Seen With Empagliflozin in the EMPA-REG OUTCOME Trial Explained by Conventional Cardiovascular Risk Factors?**

David H. Fitchett, Ruth L. Coleman, Alistair Gray, Uli C. Broedl, Jyothis George, Hans-Juergen Woerle, Bernard Zinman, Rury R. Holman, Boehringer Ingelheim and Eli Lilly and Company Diabetes Alliance, Ingelheim, Germany

**043 - Ideal Cardiovascular Health Metrics in Couples: A Community-Based Population Study**

Oluremi Ajala, Sebat Erqou, Claudia Bambs, Michael Sharbaugh, Andrew Althouse, Aryan Aiyer, Kevin Kip, Steven Reis, UPMC, Pittsburgh, PA, USA

**045 - Hemodynamic Predictors of Left Ventricular Mass Index in the General Population**

Karim Mahmoud, Emmanuel Akintoye, Luis Afonso, Wayne State University/Detroit Medical Center, Detroit, MI, USA

**046 - Impact of Malignant Left Ventricular Hypertrophy on Incident Asymptomatic Left Ventricular Dysfunction: The MESA Study**



**Matthew N. Peters**, Stephen Seliger, Susie Hong-Zohlman, Robert Christenson, James A. de Lemos, Joao Lima, Alain Bertoni, Lori Daniels, Christopher R. DeFilippi, INOVA Heart and Vascular Institute, Falls Church, VA, USA, University of Maryland School of Medicine, Baltimore, MD, USA

**047 - Achievement of Risk Factor Targets in Patients at High Cardiovascular Risk in Europe: Results From EUROASPIRE IV Survey**  
**Kornelia Kotseva**, EUROASPIRE Investigators, Imperial College, London, United Kingdom

**048 - Do Cardiovascular Health Screening Programs and Focused Counseling Have Impact on Patient Habits and Lifestyle Change? Early Results of the Heart Smart Screening Program**  
**Paul Nona**, Aayush Mittal, Karthik Pattiala, Kristen Brooks, Maria Tyler Moore, Karthikeyan Ananthasubramaniam, Henry Ford Health System, Detroit, MI, USA

**039 - Red Cell Distribution Width (RDW) Predicts Major Adverse Cardiac Events in Systemic Lupus Erythematosus**  
**Chang Kim**, Toral Patel, Arun Iyer, Sadeer Al-Kindi, Guilherme Oliveira, University Hospitals Cleveland Medical Center, Cleveland, OH, USA, School of Medicine, Case Western Reserve University, Cleveland, OH, USA

**049 - Cha<sub>2</sub>DS<sub>2</sub>-Vasc Score for Ischemic Stroke Risk Stratification in Patients With Chronic Obstructive Pulmonary Disease With and Without Atrial Fibrillation: A Nationwide Cohort Study**  
**Wei-Syun Hu**, China Medical University, Taichung, Taiwan, ROC

**050 - Association Between Serum Collagen Biomarkers and Coronary Artery Calcium: The Multi-Ethnic Study of Atherosclerosis (MESA)**  
**Aristotelis Papayannis**, Daniel A. Duprez, Chetan Shenoy, Joachim Ix, Myron Gross, Jorge Kizer, Jose Luchsinger, David Jacobs, University of Minnesota, Minneapolis, MN, USA

**051 - Joint Association of Maternal Plasma Folate and Cardiometabolic Risk Factors With Child Blood Pressure**  
**Hongjian Wang**, Noel T. Mueller, Jianping Li, Ninglin Sun, Yong Huo, Fazheng Ren, Xiaobin Wang, Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD, USA, Fuwai Hospital, National Center for Cardiovascular Diseases, Beijing, People's Republic of China

**052 - High-Sensitivity Cardiac Troponin I and Risk of Cardiovascular Events in Patients With COPD and Heightened Cardiovascular Risk: A Biomarker Sub-Study of the SUMMIT Trial**  
**Nicholas L. Mills**, Julie A. Anderson, Robert D. Brook, Peter M. A. Calverley, Bartolome R. Celli, Nicholas J. Cowans, Courtney Crim, Ian J. Dixon, Sally Kilbride, Fernando Martinez, Jørgen Vestbo, Julie Yates, David E. Newby, GSK, Research Triangle Park, United Kingdom

**053 - Vitamin D Levels and Autoantibodies in the Multi-Ethnic Study of Atherosclerosis (MESA): Implications for Cardiovascular Disease**  
**Karola Jering**, Di Zhao, Eliseo Guallar, Ian de Boer, Bryan Kestenbaum, Pamela Lutsey, Moyses Szklo, Darcy Majka, Erin Michos, Johns Hopkins Hospital, Baltimore, MD, USA

**054 - ProBNP Strongly Predicts Future Vascular Events in Angiographed Coronary Patients With as Well as in Those Without the Metabolic Syndrome**  
**Philipp Rein**, Daniela Zanolin, Andreas Leiherer, Alexander Vonbank, **Christoph H. Saely**, Heinz Drexler, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria

**055 - High-Sensitivity C-reactive Protein and Health Status Outcomes After Myocardial Infarction**  
**Yashashwi Pokharel**, Puza Sharma, Mohammed Qintar, Yuanyuan Tang, Philip Jones, Rachel P. Dreyer, John Spertus, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA, Yale University, New Haven, CT, USA

**056 - Longitudinal Change in Soluble ST2 Versus B-type Natriuretic Peptide in Predicting Major Adverse Cardiovascular Events in Asymptomatic Patients in the Community**

**Isaac Tea**, Chris Watson, Eoin O'Connell, Nadezhda Glezeva, Stephanie James, Liam Shiels, Joe Gallagher, James Snider, James Januzzi, Mark Ledwidge, Kenneth McDonald, School of Medicine, University College Dublin, Dublin, Ireland, Centre for Experimental Medicine, Queen's University Belfast, Belfast, United Kingdom

**057 - Plasma Ceramide Concentrations Predict Risk of Cardiovascular Events**  
**Jeffrey Meeusen**, Leslie Donato, Sandra Bryant, Grant Spears, Linnea Baudhuin, Allan Jaffe, Mayo Clinic, Rochester, MN, USA

**058 - Association of Coronary Calcium, Carotid Wall Thickness and Carotid Plaque Progression With Low Density Lipoprotein and High Density Lipoprotein Particle Concentration Measured by Ion Mobility Testing: The Multi-Ethnic Study of Atherosclerosis (MESA)**  
**Indre Ceponiene**, Samar El Khoudary, Dong Li, James Stein, Nathan Wong, Rine Nakanishi, Negin Nezarat, Mitsuru Kanisawa, Sina Rahmani, Kazuhiro Osawa, Matthew Tattersall, Matthew Budoff, Los Angeles Biomedical Research Institute, Torrance, CA, USA, Lithuanian University of Health Sciences, Kaunas, Lithuania

**044 - The Predictive Value of Aortic Arch Calcification on Chest X-Ray for Cardiovascular Events in Comparison With the Coronary Artery Calcium Score and the Framingham Risk Score**  
**Hyung Oh Kim**, Weon Kim, Jong-Shin Woo, Kwon Sam Kim, Woo-Shik Kim, Soo-Joong Kim, Jin-Bae Kim, Jung Myung Lee, Hyemoo Chung, Jae Min Kim, Kyung Hee Medical Center, Seoul, South Korea

**059 - Subclinical Atherosclerosis, Statin Eligibility, and Outcomes in African Americans: The Jackson Heart Study**  
**Aferdita Spahillari**, Stanford Mwasongwe, John Carr, James Terry, Robert Mentz, Daniel Addison, Udo Hoffmann, Jared Reis, Jane Freedman, Joao Lima, Adolfo Correa, Venkatesh Murthy, Ravi Shah, Beth Israel Deaconess Medical Center, Boston, MA, USA, Tufts University, Boston, MA, USA

**060 - ACC/AHA Coronary Artery Calcium Score Guidelines May Underestimate Coronary Artery Disease in African-American Patients**  
**Chinedu Madu**, Jessica Kvasic, Kareem Niazi, John Makaryus, Northwell Health, Manhasset, NY, USA

**061 - Cost-Effectiveness of Coronary Artery Calcium Testing Among Statin Candidates According to the American College of Cardiology and American Heart Association Cholesterol Guidelines**  
**Jonathan Hong**, Ron Blankstein, Michael Blaha, Roger Blumenthal, Alejandro Arrieta, William Padula, Harlan Krumholz, Khurram Nasir, Johns Hopkins School of Public Health, Baltimore, MD, USA, Baptist Health South Florida, Miami, FL, USA

**062 - Atherosclerotic Cardiovascular Disease Risk in Statin-Naïve Asymptomatic Patients With Non-Obstructive Coronary Artery Disease Detected by Coronary Computed Tomographic Angiography: The CONFIRM-LT (Coronary CT Angiography Evaluation For Clinical Outcomes: An International Multicenter) Registry**  
**Ashley Beecy**, Donghee Han, Briain Ó. Hartaigh, Khalil Anchouche, Subhi Al'Aref, Heidi Gransar, Ji Hyun Lee, Mahn Won Park, Hadi Mirhedayati Roudsari, Asim Rizvi, Fay Lin, James Min, Jessica M. Peña, on behalf of CONFIRM Investigators, Dalio Institute of Cardiovascular Imaging, Weill Cornell Medicine and New York-Presbyterian Hospital, New York, NY, USA

**063 - The Prognostic Value of CPET: Association With Coronary Artery Calcium Score**  
**Matthew Hakimi**, Tomohiko Kisaka, Kathy Sietsema, Yasuki Kihara, Karlman Wasserman, Matthew Budoff, Los Angeles Biomedical Research Institute, Torrance, CA, USA, Hiroshima University Hospital, Hiroshima, Japan



064 - The Impact of Echocardiography Parameter on the Outcome in Patients Receiving Non-Cardiac Surgery  
Hsien-Yuan Chang, Yen-Wen Liu, National Cheng Kung University Hospital, Tainan, Taiwan, ROC

065 - Optical Coherence Tomography of Culprit Lesions in Patients With Prior Cerebrovascular Events Compared to Controls  
Ines Sherifi, Yuliya Vengrenyuk, Sunil Agarwal, Jonathan Halperin, Jacobo Pena, Usman Baber, Pedro Moreno, Samin Sharma, Jagat Narula, Annapoorna Kini, Mount Sinai Hospital, New York, NY, USA

066 - Resting Amygdalar Activity Associates With Future Changes in Adiposity: Implications for Atherosclerotic Disease  
Amorina Ishaj, Brian Tung, Natasha Mamdani, Lisa Shin, Roger Pitman, Steven Grinspoon, Ahmed Tawakol, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA

067 - The Impact of an Informatics Intervention on Shared Decision-Making for Primary Prevention Statin Therapy  
Sign Ye, Aaron Leppin, Amy Chan, Nancy Chang, Nathalie Moise, Victor Montori, Ian Kronish, Columbia University Medical Center, New York, NY, USA

070 - Evaluation of the CardioSmart Population Health Management Initiative: Changes in Health Risks and Participant Satisfaction  
Neil F. Gordon, Richard D. Salmon, Brenda S. Wright, George C. Faircloth, Terri L. Gordon, Michael Hargrett, Martin R. Berk, Barry A. Franklin, Martha Gulati, INTERVENT International, Savannah, GA, USA, University of Arizona-Phoenix, Phoenix, AZ, USA

**Pulmonary Hypertension and Venous Thrombo-embolic Disease - Poster Contributions**  
**Session #1230**  
**Predicting the Future: Observations and Discoveries From Registries and Databases**  
**Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.**  
**Poster Hall, Hall C**  
**CME Hours: 0.75 /CNE Hours: 0.75**

001 - Clinical Burden and Cost Analysis of Pulmonary Hypertension in Patients With Chronic Kidney Disease: A Cross Sectional Study From the National Inpatient Sample  
Parasuram Krishnamoorthy, Akshaya Gopalakrishnan, Pradhum Ram, Jalaj Garg, Nainesh Patel, Janani Rangaswami, Aman Amanullah, Albert Einstein Medical Center, Philadelphia, PA, USA, Icahn School of Medicine at Mount Sinai, New York, NY, USA

005 - Pulmonary Vascular Resistance, but Not Diastolic Pulmonary Gradient, May Predict Survival in Pulmonary Hypertension: Insights From Euphrates Study  
Cihangir Kaymaz, Ozgur Akbal, Fatih Yilmaz, Hacer Ceren Tokgoz, Ibrahim Halil Tanboga, Aykun Hakgor, Canan Elif Yildiz, Sevim Turkday, Nertila Poci, Tugba Aktemur, Durmus Demir, Seda Tanyeri, Nihal Ozdemir, Kartal Kosuyolu Heart Education and Research Hospital, Istanbul, Turkey

002 - Pulmonary Hypertension Is Associated With a Higher Risk of Heart Failure and Mortality in Patients With Chronic Kidney Disease: The Jackson Heart Study  
Senthil Selvaraj, Sanjiv Shah, Mark Ommerborn, Cheryl Clark, Michael Hall, Robert Mentz, Saadia Qazi, Jeremy Robbins, Jiaying Chen, Thomas Skelton, J. Michael Gaziano, Luc Djousse, Brigham and Women's Hospital, Boston, MA, USA

003 - Pulmonary Vascular Resistance Predicts Mortality in End-Stage Renal Disease Patients With Pulmonary Hypertension  
Jonathan Wolfe, Gavin Hickey, Andrew Althouse, Michael Sharbaugh, Deepak Kumar Pasupula, Dustin Kliner, Michael Mathier, Prem Soman, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

006 - The Correlates and Prognostic Impact of Pulmonary Arterial Pulse Pressures, Diastolic and Transpulmonary Pressure Gradients in Pulmonary Hypertension: Insights From Euphrates Study  
Cihangir Kaymaz, Aykun Hakgor, Hacer Ceren Tokgoz Demircan, Ozgur Akbal, Ibrahim Halil Tanboga, Fatih Yilmaz, Canan Elif Yildiz, Sevim Turkday, Nertila Poci, Tugba Aktemur, Durmus Demir, Seda Tanyeri, Nihal Ozdemir, Kartal Kosuyolu Heart Education and Research Hospital, Istanbul, Turkey

004 - Trends in Pulmonary Hypertension Hospitalizations: Insights From a National Database  
Mohit Pahuja, Ronak Soni, Aman Handa, Suman Misra, Smit Patel, Neel Patel, Dhara Patel, Jeremy Feldman, St. Joseph's Hospital and Medical Center, Phoenix, AZ, USA

008 - Left Ventricular Filling Rate Predicts Clinical Failure in Patients With Precapillary Pulmonary Hypertension  
George Giannakoulas, Sofia Mouratoglou, Vasileios Kamperidis, Georgia Pitsiou, Alexandros Kallifatidis, Stavros Hadjimiliades, Haralampos Karvounis, AHEPA University Hospital of Thessaloniki, Thessaloniki, Greece

007 - An Ignored but Not Unusual Complication of Severe Pulmonary Hypertension - Ostial Compression of Left Main Coronary Artery by Aneurysmal Pulmonary Artery: Insights From Euphrates Study  
Ozgur Yasar Akbal, Cihangir Kaymaz, Fatih Yilmaz, Ibrahim Halil Tanboga, Aykun Hakgor, Canan Elif Yildiz, Hacer Ceren Tokgoz, Sevim Turkday, Durmus Demir, Seda Tanyeri, Nihal Ozdemir, Kartal Kosuyolu Heart Education and Research Hospital, Istanbul, Turkey

**Special - Poster Contributions**  
**Session #1257**  
**FIT Clinical Decision Making: Heart Failure and Pulmonary Hypertension**  
**Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.**  
**Poster Hall, Hall C**  
**CME Hours: 0.75 /CNE Hours: 0.75**

365 - Successful Treatment of Checkpoint Inhibitor Induced Myocarditis and Cardiomyopathy With Steroids, Beta-Blockers and ACE Inhibitors  
Rongras Damrongwatanasuk, Michael Fradley, University of South Florida, Tampa, FL, USA

366 - For the love of Loeffler  
Ryan Gindi, Sachin Parikh, Henry Ford Hospital, Detroit, MI, USA

367 - Aspirin Induced Eosinophilia-Associated Coronary Artery Vasospasm Presenting as Takotsubo Cardiomyopathy  
Hiren Patel, Charmi Patel, Radmila Lyubanova, Albany Medical College at Albany Medical Center, Albany, NY, USA, Hofstra University at Northwell Health, Manhasset, NY, USA

368 - Acute Limb Ischemia in a Previously Undiagnosed Case of Mid-Ventricular Non-Obstructive Hypertrophic Cardiomyopathy  
Imo Ebong, John Rozich, Madhan Shanmugasundaram, Zachary Taylor, Rajesh Janardhanan, Divya Kapoor, University of Arizona, Tucson, AZ, USA, Southern Arizona Veteran Affairs Health Care System, Tucson, AZ, USA

364 - Management of Takotsubo Cardiomyopathy Complicated by Left Ventricular Outflow Tract Obstruction  
Sohaib Tarig, Anoshia Raza, Roshni Narurkar, Srikanth Yandrapalli, Abdallah Sanaani, Mina'a Shahid, Ali Ahmed, Wilbert Aronow, Julio Panza, Howard Cooper, Westchester Medical Center/New York Medical College, Valhalla, NY, USA, VA Medical Center, Washington, DC, USA

397 - Cardiogenic Shock as the Initial Presentation of Pheochromocytoma  
Mehrdad Ghahramani, Lisa Domaradzki, Penn State Hershey Medical Center, Hershey, PA, USA





369 - Drug Rash With Eosinophilia and Systemic Symptoms (DRESS)

Syndrome Associated Eosinophilic Myocarditis Treated With Tofacitinib and Oral Janus (JAK) Kinase Inhibitor

Bani Azari, Mohsin Chowdhury, Ralph Riello, Nitya Sthalekar, Brett King, Tariq Ahmad, Yale New Haven Hospital, New Haven, CT, USA

370 - New Onset Cardiomyopathy and Cardiogenic Shock Leading to a Diagnosis of Limb-Girdle Muscular Dystrophy 2I

Daniel Heikalj, Pooya Bokhoor, UCLA Medical Center, Los Angeles, CA, USA

371 - Hemodynamic Management of Septic Shock in Hypertrophic Cardiomyopathy

Hakeem Ayinde, Oluwaseun Adeola, University of Iowa Hospital and Clinics, Iowa City, IA, USA

372 - Use of TandemHeart as a Bridge to Surgery in a Patient With Combined Obstructive and Cardiogenic Shock Due to Mechanical Mitral Valve Thrombosis

Ahmet Afsin Oktay, Stacy Mandras, James Jenkins, Todd Rosenthal, Alban De Schutter, Selim Krim, Ochsner Medical Center, New Orleans, LA, USA

373 - Fulminant Myocarditis With Cardiogenic Shock From Eosinophilic Myocarditis: Successfully Treated With Immunosuppressive Therapy With Complete Recovery of Cardiac Function

Parva Bhatt, Ashvarya Mangla, Burhan Mohamedali, Rush University Medical Center, Chicago, IL, USA

374 - Primary Cardiac Lymphoma: Early Initiation of Chemotherapy Is Critical to Save Lives of Patients

Izumi Ito, Naoto Ohsawa, Satoshi Inotani, Yoko Nakaoka, Sho-Ichi Kubokawa, Kazuya Kawai, Naohisa Hamashige, Yoshinori Doi, Chikamori Hospital, Kochi-Shi, Japan

375 - Percutaneous Management of Severe Aortic Insufficiency Complicating Prolonged Left Ventricular Assist Device Support

Mohammad Thawabi, Rajiv Tayal, Claudia Gidea, Marc Cohen, Mark Russo, Newark Beth Israel Medical Center, Newark, NJ, USA

376 - HeartMate II Pump Stops: The Short to Short Phenomenon

Priya Umapathi, Ike Okwuosa, Daniel Judge, Ryan Tedford, The Johns Hopkins Hospital, Baltimore, MD, USA

377 - Hypertrophic and Failing From Flailing: Selecting the Right Surgery in Hypertrophic Cardiomyopathy With Mitral Valve Disease

Timothy Hegeman, Holly Gonzales, John McPherson, Vanderbilt University Medical Center, Nashville, TN, USA

378 - Constrictive Pericarditis Due to Kawasaki Disease

Harshith Reddy Avula, Dorinna Mendoza, Stephanie Chen, Robert Lundstrom, Kaiser Permanente Medical Center - San Francisco, San Francisco, CA, USA, Kaiser Permanente Medical Center - Oakland, Oakland, CA, USA

379 - Patient With a Systolic Murmur and Shock: Importance of the Physical

Mahwash Kassj, Eleonora Avenatti, Stephen Little, Gerald Lawrie, William Zoghbi, Houston Methodist, Houston, TX, USA

380 - Fulminant Myocarditis and Coronary Aneurysms in a Patient With Eosinophilic Granulomatosis With Polyangiitis

Farhan Katchi, Harsimran Singh, New York Presbyterian, New York, NY, USA, Weill Cornell Medicine, New York, NY, USA

381 - An Atypical Presentation of a Common Cardiomyopathy

Kevin Shah, Jeffrey Hsu, University of California, Los Angeles, Los Angeles, CA, USA

382 - An Unsuspected Case of Myocarditis Associated With Nivolumab Use

Hussain Alzayer, Hassan Mir, Ahmad Alshatti, Nicholas Valettas, Som Mukherjee, Darryl Leong, McMaster University, Hamilton, Canada

383 - Diagnosis of Myotonic Dystrophy Type 1 in a Patient Presenting With Stress-Induced Cardiomyopathy: Importance of Obtaining Family History and Having a Low Threshold of Suspicion

Michel Corban, Neel B. Shah, Nandan Anavekar, Mayo Clinic, Rochester, MN, USA

384 - Hypopituitarism as a Cause of a Severe Cardiomyopathy

Sanjeeb Bhattacharya, Roopa Subbarao, Indiana University School of Medicine, Indianapolis, IN, USA

386 - Effusive-Constrictive Pericarditis in a Patient With Hypereosinophilic Syndrome

Yulanka Castro Dominguez, Hamed Emami, Daniel Jacoby, Edward Miller, Yale-New Haven Hospital, New Haven, CT, USA

387 - Recurrence of Cardiac Sarcoidosis Post-Orthotopic Heart Transplant in the Background of Allograft Rejection

Joanne Michelle D. Gomez, Mazahir Alimohamed, Ashvarya Mangla, Burhan Mohamedali, Rush University Medical Center, Chicago, IL, USA

388 - The Way to a Man's Heart: Through His Quadriceps

Eesha Khan, Safieh Golestaneh, Mit Patel, Ahmad Turk, Shakil Shaikh, Vikram Grewal, Fotis Katsikeris, Lincoln Tirpaeck, Jaime Hernandez- Montfort, Baystate Medical Center, Springfield, MA, USA

389 - Complete Thrombotic Occlusion of TAVR Valve in Patient With Continuous Flow LVAD

Alexander Ross, Sonali Arora, Auras Atreya, Stavros Drakos, Craig Selzman, Josef Stehlik, University of Utah Department of Cardiovascular Medicine, Salt Lake City, UT, USA

390 - A Possible Simple Solution to a Challenging Problem in Management of Acute Decompensated Heart Failure

Hesam Keshmiri, Mugurel Bazavan, Gregory Macaluso, Sorin Danciu, Advocate Illinois Masonic, Chicago, IL, USA, Advocate Christ Hospital/University of Illinois, Oak Lawn, IL, USA

391 - Management of Massive Hemoptysis in Post Chemotherapy Post Transplant Patient With Extracorporeal Membrane Oxygenation (ECMO)

Joseph Hellman, Ekamjeet Randhawa, Steffne Kunnirickal, Howard J. Eisen, Shelley Hankins, Farhan Hasni, Fischer Wade, Drexel University College of Medicine, Philadelphia, PA, USA

392 - Cardiac Recovery Post Left Ventricular Assist Device in a Patient With Orthotopic Liver Transplantation

Bashar Hannawi, Jerry D. Estep, Mark Ghobrial, Brian Bruckner, Arvind Bhimaraj, Houston Methodist Hospital, Houston, TX, USA

393 - Potential Life Threatening Cardiac Toxicity From an Easily Accessible Over the Counter Drug

Murtaza Mirza, Shamna Attakamvelly, Amandeep Dillon, Ray Helms, Eric Shafer, Chicago Medical School Rosalind Franklin University of Medicine and Science, North Chicago, IL, USA, Captain James Lovell Federal Health Care Center, North Chicago, IL, USA

394 - A Rare Cause of Myocardial Injury in a Patient With Systemic Lupus Erythematosus: Hydroxychloroquine Induced Cardiomyopathy

Shakil Shaikh, Vikram Grewal, Ahmad Turk, Jaime Hernandez Montfort, Mara Slawsky, Josephine Chou Catanzaro, Baystate Medical Center, Springfield, MA, USA

395 - Myocardial Fibrosis & Ventricular Arrhythmias in Athletes

Sabiha Gati, Anil Malhotra, Sharma Sanjay, St. George's University, London, United Kingdom

408 - When the Liver Gets Sacked by the Heart Sac: A Diagnostic Challenge of Mixed Heart and Liver Pathology





**Ahmad Masri**, John Gorcsan, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

396 - Adderall Induced Cardiomyopathy Resulting in a Stressful Exam Night  
**Mehrdad Ghahramani**, Lisa Domaradzki, Penn State Hershey Medical Center, Hershey, PA, USA

398 - A Non-Cardiac Cause of Orthopnea  
**Vaibhav Vaidya**, Priya Dhawan, Michael Wilson, Margherita Milone, Francisco Lopez-Jimenez, Mayo Clinic, Rochester, MN, USA

399 - Hypereosinophilic Endomyocardial Fibrosis Mimicking Acute Coronary Syndrome  
**Cyrus A. Hadadi**, Farrukh Khan, Geisinger Medical Center, Danville, PA, USA

400 - Biventricular Stress Induced Cardiomyopathy Managed With Impella CP and Pulmonary Vasodilators  
**Abdullah Omar**, Supawat Ratanapo, Deepak Kapoor, Sean Javaheri, Augusta University, Augusta, GA, USA

401 - Isolated Cardiac Sarcoidosis Mimicking Hypertrophic Cardiomyopathy  
**Laura Ueberham**, Ingo Paetsch, Cosima Jahnke, Ricardo Spampinato, Sebastian Hilbert, Kerstin Bode, Elena Efimova, Michael Doering, Daniela Husser, Karin Klingel, Gerhard Hindricks, Borislav Dinov, Heart Center Leipzig, Leipzig, Germany, University Hospital Tübingen, Tübingen, Germany

402 - Palliative Transcatheter Tricuspid 'Valve in Valve' Intervention for Severe Tricuspid Regurgitation  
**Omar Ali**, Ugochukwu O. Egolum, Joanne Lindenfeld, Vanderbilt University, Nashville, TN, USA

403 - How a Cardiologist Diagnosed a Pheochromocytoma: Catecholamine-Induced Myocarditis  
Shengchuan Dai, **Jennifer M. Kwan**, Adhir Shroff, Carolyn Dickens, Elspeth Pearce, Alex Auseon, Division of Cardiology, University of Illinois at Chicago, Chicago, IL, USA

404 - An Unusual Case of Anemia in a Heart Transplant Patient  
**Jason P. Feliberti**, Deepa Iyer, Kanika Mody, Jesus Almendral, Rutgers - Robert Wood Johnson Medical School, New Brunswick, NJ, USA

405 - A Rare Disease Presenting With Hypertension and Acute Heart Failure  
**Margaret Fuchs**, Erin Fender, Adelaide Arruda-Olson, Mayo Clinic, Rochester, MN, USA

406 - Acute Necrotizing Eosinophilic Myocarditis Presenting as Sudden Cardiac Arrest in a Teenager  
**Chaitanya Panchangam**, Natalie Jayaram, Children's Mercy Hospital, Kansas City, MO, USA

407 - Expanding the Role of Dexrazoxane for Cardioprotection: Use in a Patient With Pre-Existing Systolic Dysfunction and No Prior Anthracycline Exposure  
**Sarju Ganatra**, Arjun Majithia, Sachin Shah, Lahey Hospital & Medical Center, Burlington, MA, USA

409 - Subclavian Artery Stenosis Precipitating Ischemic Cardiomyopathy  
**Ahmad Masri**, Jennifer Berliner, University of Pittsburgh Medical Center, Pittsburgh, PA, USA, Pittsburgh VA, Pittsburgh, PA, USA

363 - Combined Heart-Kidney Transplantation in a Patient With Human Immunodeficiency Virus  
**Sohaib Tarig**, Anoshia Raza, Roshni Narurkar, Wilbert Aronow, Ali Ahmed, Julio Panza, Howard Cooper, Gregg Lanier, Alan Gass, Chhaya Aggarwal, Westchester Medical Center/New York Medical College, Valhalla, NY, USA, VA Medical Center, Washington, DC, USA

410 - A Challenging Cardiomyopathy Diagnosis: Do Not Be Anchored by an Initial Impression  
**Mohamed A. Omer**, Ahmad Iqbal, Ibrahim Saeed, Sanjaya Gupta, Saint Luke's, Kansas City, MO, USA

411 - Hypertrophic Cardiomyopathy as a Manifestation of Anderson-Fabry Disease  
**Yang Zhan**, Yining Xu, Thi Kim Hanh Nguyen, Richard Friedlander, Igal Sebag, Regina Husa, Jewish General Hospital, Montreal, Canada, McGill University, Montreal, Canada

412 - Aspergillus Endocarditis and Locked-In Syndrome: Rare Complications After Orthotopic Heart Transplant  
**Marie Bulathsinghala**, Charles M. Bulathsinghala, John Boehmer, Penn State Hershey Medical Center, Hershey, PA, USA

413 - A Novel Method for Early Identification of Cardiac Tamponade in Patients With Left Ventricular Assist Devices by Use of Sublingual Microcirculatory Imaging  
**Sakir Akin**, Can Ince, Ard Struijs, Osama Soliman, Kadir Caliskan, Erasmus MC Rotterdam, Rotterdam, The Netherlands

414 - Left Ventricular Assist Device Outflow Tract Thrombus Following a Successful Sleeve Gastrectomy  
**Steve Noutong Njapo**, Erik Schneibel, University of Florida, Gainesville, FL, USA

415 - Myocarditis Presenting as Refractory Endocarditis After Surgical Valve Replacement  
**Andrew Rosenbaum**, Frank Brozovich, Mayo Clinic, Rochester, MN, USA

416 - Acute Lupus Myocarditis Treated With High Dose Steroids and Mycophenolate Mofetil  
**Travis Harrell**, Catherine K. Imes, Melissa S. Butts, David Krause, Naval Medical Center San Diego, San Diego, CA, USA

417 - Reverse Takotsubo Cardiomyopathy Associated With Mediastinal Paraganglioma  
**Nikolaos Spiliadis**, John Lisko, Frank Corrigan, William Crosland, Stamatis Lerakis, Emory University, Atlanta, GA, USA

418 - Looking for a Clot: Paget-Schroetter Syndrome as Cause of Chronic Thromboembolic Pulmonary Hypertension  
**Christine M. DeStephan**, Mehdi Rambod, Prospero Gogo, William Hopkins, University of Vermont College of Medicine, Burlington, VT, USA

419 - Integrated Use of Perfusion SPECT/CTA Fusion Imaging and Pulmonary Balloon Angioplasty for Chronic Pulmonary Thromboembolism  
**Ryoji Yanagisawa**, Kenneth Fetterly, Geoffrey Johnson, Thomas Foley, Eric Williamson, Rajiv Gulati, Gurpreet Sandhu, Robert Frantz, Mayo Clinic, Rochester, MN, USA, Kyorin University, Tokyo, Japan

420 - Pulmonary Hypertension as the Initial Clinical Presentation of Pompe's Disease  
**Sarah E. Ciccotto**, University of North Carolina, Chapel Hill, NC, USA

421 - Left Main Coronary Artery Compression Syndrome  
**Carlos Alberto Bogard Fuentes**, Jorge Padilla Ibarra, Cecilia Esparragoza Fox, Erick Alexanderson Rosas, Instituto Nacional de Cardiologia Ignacio Chavez, Mexico City, Mexico

385 - Worsening Hypoxia After Therapy Initiation in Pulmonary Arterial Hypertension  
**Sanjeeb Bhattacharya**, Marco Caccamo, Indiana University School of Medicine, Indianapolis, IN, USA

422 - Ultrasound Assisted Catheter Directed Thrombolysis and Percutaneous Right Ventricular Mechanical Assist Device for the Management of Massive



Pulmonary Embolism With Refractory Right Ventricular Failure: Playing Chess With Pulmonary Embolism

Mohamed Shokr, Ahmed Rashed, Ashraf Mostafa, Ahmed Yasser Nagy, Emmanuel Akintoye, Mahir Elder, Amir Kaki, Theodore Schreiber, Detroit Medical Center/Wayne State University, Detroit, MI, USA

423 - Pulmonary Hypertension in Left Atrial Sarcoma

Rayji Tsutsui, Bhuvnesh Aggarwal, Steven Billings, A. Gillinov, Samir Kapadia, Leslie Cho, Milind Y. Desai, Cleveland Clinic, Cleveland, OH, USA

424 - Submassive Pulmonary Embolism With Concomitant Paradoxical Embolism Through Patent Foramen Ovale

Eliany Mejia Lopez, Jamie Kennedy, Patrick McNair, University of Virginia, Charlottesville, VA, USA

425 - Acute Pulmonary and Paradoxical Embolism Treated With Catheter Based Thrombectomy

Osama Tariq Niazi, Ahmad Alkhalil, David Kornblum, Stephen Hankin, Farhan Bajwa, Shervin Golbari, Shashank Jain, Michael Benz, Rutgers New Jersey Medical School, Newark, NJ, USA, Christ Hospital, Jersey City, NJ, USA

426 - Tracing the Cause of Pulmonary Hypertension in Hereditary Hemorrhagic Telangiectasia

Nicholas Tan, Chad Zack, Jeffrey Geske, Mayo Clinic, Rochester, MN, USA

427 - A Case of Atypical Cardiac Tamponade With Isolated Left Ventricular Compression

Eliany Mejia Lopez, Sula Mazimba, University of Virginia, Charlottesville, VA, USA

428 - An Unexpected Complication of Wolf Parkinson White Accessory Pathway Radiofrequency Ablation and Subsequent Clinical Dilemma

Luai Tabaza, Catharine Malmsten, James Roth, Peter Mason, Medical College of Wisconsin, Milwaukee, WI, USA

429 - Whole Heart of the Matter

Rushi Parikh, Jack Boyd, David Lee, Ronald Witteles, Stanford University, Stanford, CA, USA

430 - Ready for Take-Off ?

Bhradeev Sivasambu, Deepa Kabirdas, East Carolina University, Greenville, NC, USA

431 - Use of Pharmacomechanical Thrombectomy in a Patient With Acute Pulmonary Embolism and Imminent Hemodynamic Collapse at Very High Risk for Cerebral Hemorrhage

Geurys Rojas-Marte, Menhel Kinno, Monali Patel, Adebayo Olusanya, Pallavi Solanki, Rutgers, New Jersey Medical School, Newark, NJ, USA

432 - Dissolve It or Take It Out: Excellent Outcome of Right-Sided Heart Clot In-Transit

Ra'Ad Tashman, Ahmad Alkhalil, Shashank Jain, Geurys Rojas-Marte, Sajid Mirza, Pallavi Solanki, James Maher, Rutgers University-NJMS, Newark, NJ, USA

### Special - Poster Contributions

#### Session #1258

#### Innovations in Advocacy and Patient Centered Care

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

433 - Status of Early Career Academic Cardiology: A Global Perspective

Carl Wei-Chan Tong, Meenakshi Madhur, Anne Rzeszut, Anne Marie Valente, Ravi Hira, Steve Leung, Yoni Bubor, Dmitriy Feldman, Islam Abudayyeh, Melanie Turner, Erica Spatz, Rakesh Gopinathannair, Andrew Freeman, American College of Cardiology, Washington, DC, USA, Texas A&M University HSC College of Medicine, Temple, TX, USA

434 - Racial and Ethnic Differences in Cardiovascular Biomarkers

Eddie Hackler III, Colby Ayers, Jeanney Lew, Anand Rohatgi, Amit Khera, Ian Neeland, Darren McGuire, James A. de Lemos, University of Texas Southwestern Medical Center, Dallas, TX, USA

435 - Characteristics of Patients Approved and Denied Access to PCSK9i Therapy by Payers

Seth J. Baum, Chi-Chang Chen, Pallavi Rane, Jeetvan Patel, Juan Maya, David Harrison, Nicole Yurgin, Rolin Wade, Amgen, Thousand Oaks, CA, USA

436 - Prevalence of Chagas Disease Among Relatives of Positive Cases in Los Angeles, CA

Salvador Hernandez, Colin J. Forsyth, Carmen A. Flores, Tracy Finegan, Sheba Meymandi, Center of Excellence for Chagas Disease at Olive View-UCLA Medical Center, Sylmar, CA, USA

437 - Safety and Feasibility of a Mobile Cardiac Clinic: First of Its Kind in Russia

Olga Bockeriya, Soslan Khugaev, Ludmila Glushko, Bakulev Center for Cardiovascular Surgery, Moscow, Russian Federation

451 - Interventional Cardiology Nurses Perceptions of Their Work Environment

Arlene Travis, Beth Oliver, Mount Sinai Hospital, New York, NY, USA

438 - Transforming Cardiology Care Towards Patient-Centered Specialty Practice

Xiaoyan Huang, Lesley Jones Larson, Meredith Rosenthal, Providence Heart Clinic, Portland, OR, USA, Harvard T. H. Chan School of Public Health, Boston, MA, USA

439 - Prolonged Inter-facility Transfer Times and Hospital Length of Stay in Insured Patients with ST-elevation Myocardial Infarction

Alexander Urban, Vinh Duong, Mark Heckle, Manyoo Agarwal, Tamunoinemi Bob-Manuel, Jeremy Brooksbank, Benjamin Zambetti, Showkat Haji, Uzoma Ibebuogu, Guy Reed, Rami Khouzam, University of Tennessee Health Science Center, Memphis, TN, USA

440 - What Is the Importance of Preoperative Electrocardiogram in Hypertensive Patients for Moderate/High Risk Noncardiac Surgery? A Single-Center Randomized Study

Lafayette W. F. Ramos, Bárbara Cristina, Cristiano Souza, Marcos Vinicius Ferreira, Elly Eliane, Marcelo Calil, João Goes, Brazilian Institute for Cancer Control, Sao Paulo, Brazil, FAMEMA Medical School, Marília, Brazil

441 - Impact of Gender on Outcomes Among Patients With Acute Coronary Syndrome Undergoing Primary Percutaneous Coronary Intervention in Southeast Asia

Paramaporn Suttirut, Sowitchaya Panthong, Veraprapas Kittipibul, Vorarit Lertsuwunseri, Suphot Srimahachota, Aekarach Ariyachaipanich, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

442 - Correlation Between Frailty and Non-Invasive Coronary Flow Reserve: A Cross Sectional Study

Amjad M. Ahmed, Ihab Sulaiman, Mousa Alfaris, Dalia Ahmed, Ahmed Aljizeeri, Abdelrahman Jamel, Abdulbaset Sulaiman, Mouaz Al-Mallah, King Abdulaziz Medical City, King Saud bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia

443 - Patient Perceptions on the Impact of Caffeine Consumption After a Myocardial Infarction or Percutaneous Coronary Intervention

Anjili Srivastava, Melissa Fazzari, Barbara George, Kevin Marzo, Winthrop University Hospital, Mineola, NY, USA

444 - Describing Collaboration Between Cardiology and Palliative Care: A National Survey Study of Current Practices, Challenges and Barriers



Keith M. Swetz, Gisella Mancarella, James Dionne-Odom, Sara E. Wordingham, Colleen McIlvennan, Sarah Goodlin, Elizabeth Blume, Karen Alexander, Abby Cestoni, Mathew Maurer, Paul Hauptman, Marie Bakitas, James Kirkpatrick, ACC Palliative Care Working Group, University of Alabama at Birmingham, Birmingham, AL, USA, American College of Cardiology, Washington, DC, USA

445 - Employing the Multidisciplinary Heart Team Approach for Complex Coronary Artery Disease: A Single Center Experience

Michael Young, Elizabeth Laikhter, Kevin Sinclair, Mary Cadigan, Eugene Pomerantsev, Michael Fifer, Thoralf Sundt, Robert Yeh, Farouc Jaffer, Massachusetts General Hospital, Boston, MA, USA

446 - Impact of Multidisciplinary Heart Failure Transitional Care Interventions on Disparities in 30-Day Readmission Rates

Victor Valencia, Preeti Kansal, Hannah Alphs Jackson, Robin Fortman, Amanda Vleck, Allen Anderson, Charles Davidson, Nicholas Soulakis, Clyde Yancy, Raja Mutharasan, Northwestern University, Chicago, IL, USA

447 - Diverse Perspectives and Training Paths in Cardiology: An Analysis of Authorship in the *Journal of the American College of Cardiology*

Barbara Anna Danek, Aris Karatasakis, Judit Karacsonyi, Phuong-Khanh Nguyen-Trong, Erica Resendes, Bavana Rangan, Michele Roesle, Amy Atwell, Paul Sorajja, Houman Khalili, Shuaib Abdullah, Subhash Banerjee, Emmanouil Brilakis, University of Texas Southwestern Medical Center, Dallas, TX, USA, Minneapolis Heart Institute, Minneapolis, MN, USA

448 - Long Term Mortality Rates of Premature Coronary Artery Disease in Young U.S. Veteran Population

Samuel Roberto, Jonathan Pollock, Amish Patel, Thein Aung, Ronald Markert, Ajay Agarwal, Wright State University, Dayton, OH, USA

449 - Low-Risk Chest Pain Pathway: Outcomes and Implications in a Large Community Cohort

Lindsey Smith, Angela B. Malone, Michelle E. Colpitts, Lenora Eberhart, David Langholz, Spectrum Health Frederik Meijer Heart and Vascular Institute, Grand Rapids, MI, USA

450 - Effectiveness of Medical Education in Thrombosis and Anticoagulation Management: Focus on Appropriate Use of NOACs

Jelena Spyropoulos, Caroline Padbury, Medscape LLC, New York, NY, USA

452 - Cardiology Nurse Practitioners' Structural Empowerment and Job Satisfaction

Arlene Travis, Beth Oliver, Mount Sinai Hospital, New, NY, USA

### Valvular Heart Disease - Poster Contributions

#### Session #1233

#### Valvular Heart Disease: Aortic Stenosis

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

025 - Surgical Risk Scores Outweigh Echocardiographic Severity of Aortic Stenosis for Determining Prognosis in Patients With Low Gradient Severe Aortic Stenosis and Preserved Left Ventricular Function

Yan Fan, Brandon Stacey, David Zhao, Robert Applegate, Sujethra Vasu, Bharathi Upadhy, Peter Flueckiger, Pallavi Gomadam, Min Pu, Wake Health Baptist Medical Center, Winston-Salem, NC, USA

026 - Bicuspid Versus Tricuspid Aortic Valve Stenosis: Comparative Study of Clinical Characteristics and Outcomes Following Aortic Valve Replacement in an Age-Matched Cohort

Geoffrey Huntley, Jeremy Thaden, Said Alsidawi, Hector Michelena, Joseph Maleszewski, William Edwards, Sorin Pislaru, Patricia Pellikka, Naser Ammash, Kevin Greason, Youssef Maalouf, Maurice Enriquez-Sarano, Vuyisile Nkomo, Mayo Clinic, Rochester, MN, USA

027 - Sinus Rhythm Versus Atrial Fibrillation & Its Clinical Profile and Natural History of Patients With Severe Aortic Stenosis Managed Medically

Hongju Janet Zhang, Jeremy Thaden, Sorin Pislaru, Christopher Scott, Chayakrit Krittanawong, Rowlens Melduni, Robert McCully, Maurice Enriquez-Sarano, Oh Jae K., Patricia Pellikka, Vuyisile Nkomo, Mayo Clinic, Rochester, MN, USA

028 - Valve Thrombosis Following Transcatheter Aortic Valve Replacement: Implications of Reduced Cardiac Output

Koohyar Vahidkhal, Mostafa Abbasi, Shahnaz Javani, Peyman Azadani, Anwar Tandar, Ali Azadani, University of Denver, Denver, CO, USA, University of Utah School of Medicine, Salt Lake City, UT, USA

029 - Comparisons of Flow-Gradient Patterns in Severe Aortic Stenosis Between Bicuspid Aortic Valves and Tricuspid Aortic Valves

Darae Kim, Chi Young Shim, In-Jeong Cho, Hyuk-Jae Chang, Geu-Ru Hong, Jong-Won Ha, Namsik Chung, Cardiology Division, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, South Korea

030 - Can Older Patients With Symptomatic Severe Aortic Stenosis Undergo Emergency Non-Cardiac Surgery With an Acceptable Risk?

Venkatesh Cheetirala, Karl Poterack, Harish Ramakrishna, Stephen Cha, Hari Chaliki, Mayo Clinic, Scottsdale, AZ, USA

031 - Factors Associated With Rapid Progression of Aortic Stenosis in Patients With Bicuspid Aortic Valve: A Single Center Retrospective Study

Amartya Kundu, Renee Dallasen, Adedotun Ogunsua, Suvasini Lakshmanan, Nikhil Shah, John Dickey, Bryon Gentile, Matthew Parker, Linda Pape, University of Massachusetts Medical School, Worcester, MA, USA

032 - Outcomes and Their Predictors in Acute Transcatheter Aortic Heart Valve-in-Transcatheter Aortic Heart Valve Therapy

Ruchir Patel, Elsheikh Abdelrahim, Mahmoud Ali, Nirmal Desai, Aditya Singh, Daryl Sudasena, Dee Dee Wang, Marvin H. Eng, William O'Neill, Adam Greenbaum, Henry Ford Hospital/Wayne State University, Detroit, MI, USA

### Vascular Medicine - Poster Contributions

#### Session #1254

#### Vascular Medicine: Emerging Concepts in Clinical Vascular Diseases

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

351 - Kommerell Diverticulum Across the Ages: Destined for Dilation?

Benjamin William Hale, Jimmy Lu, Jennifer Romano, Edward J. Richer, Ray Lowery, Mark Norris, University of Michigan, Ann Arbor, MI, USA

352 - Family History of Arterial Disorders in Patients With Spontaneous Coronary Artery Dissection

Maya Serhal, Ashok Mittal, Marianne Khoury, Ellen Brinza, Natalia Fendrikova-Mahlay, Heather Gornik, Esther Kim, Cleveland Clinic, Cleveland, OH, USA

353 - Risk of Re-Dissection in Segmental Arterial Mediolytic

Stanislav Henkin, Waldemar Wysokinski, Yvonne Little, Fadi Shamoun, Eddie Greene, Robert McBane, Mayo Clinic, Rochester, MN, USA, Mayo Clinic, Scottsdale, AZ, USA

354 - Impact of Hereditary Causes of Thrombosis on Ischemic Stroke Between the Years 2008 Through 2012: Nationwide Inpatient Sample Data Analysis

Yashwant Agrawal, Chris Jacob, Carleigh Zahn, Sourabh Aggarwal, Sidakpal Panaich, Frank Saltiel, Jagadeesh Kalavakunta, Vishal Gupta, Western Michigan University Homer Stryker School of Medicine, Kalamazoo, MI, USA

355 - Clevidipine as a Therapeutic and Cost-Effective Alternative to Sodium Nitroprusside in Patients With Aortic Dissection



Carlos Leon Alviar, Alejandra Gutierrez, Leslie Cho, Amar Krishnaswamy, Amr Saleh, A. Lincoff, Eric Roselli, Michael Militello, Venu Menon, Cleveland Clinic Foundation, Cleveland, OH, USA

356 - Prior Hospitalization Within 30 Days Predicts Increased Frequency of Death, Stroke, and Bleeding in Advanced Elderly Outpatients With Atrial Fibrillation

Anna Krawisz, Gregory Piazza, Samuel Goldhaber, Brigham and Women's Hospital, Boston, MA, USA

357 - Influence of Family History of Aortic Disease on Type B Aortic Dissection  
Sherene Shalhub, Maral Ouzounian, Eduardo Bossone, Kevin Harris, Patrick O'Gara, Anil Bhan, Patroklos Pappas, Anthony DiScipio, Clayton Kaiser, Edward Chen, Christoph Nienaber, Daniel Montgomery, Eric Isselbacher, Kim A. Eagle, Mark Lindsay, Arturo Evangelista, University of Michigan, Ann Arbor, MI, USA, University of Washington, Seattle, WA, USA

358 - Normal Diameter of the Ascending Aorta in Adults: The Impact of Stricter Criteria on Selection of Subjects Free of Disease

Muhammad Nabeel Syed, Mirza Mujadil Ahmad, Mirza Nubair Ahmad, Sharmeen Hussaini, Mustafa Noor Muhammad, Syed Haris A. Pir, Bijoy K. Khandheria, A. Jamil Tajik, Khawaja Afzal Ammar, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

### Vascular Medicine - Poster Contributions

#### Session #1255

##### Beans, Beans, Good for Your Heart

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

359 - Percutaneous Renal Denervation for Resistant Hypertension: An Updated Meta-Analysis of Randomized Controlled Trials

Maday Gonzalez, Pedro Villablanca Spinetto, Arthur Omondi, Mohammed Makkiya, Peter Vlismas, Jose Wiley, Montefiore Medical Center/Albert Einstein College of Medicine, Bronx, NY, USA

360 - Analysis of the Timing of Thoracic Endovascular Aortic Repair and Its Indications and Outcomes in Type B Aortic Dissection

Yimin Chen, Thomas Gleason, Udo Sechtem, Kevin Harris, Amit Korach, Takeyoshi Ota, Sherene Shalhub, Linda Pape, G. Chad Hughes, Kevin Greason, Kim A. Eagle, Daniel Montgomery, Eric Isselbacher, Christoph Nienaber, Marek Ehrlich, Himanshu Patel, University of Michigan Medical School, Ann Arbor, MI, USA

### Vascular Medicine - Poster Contributions

#### Session #1256

##### Vascular Medicine: Venous Disease

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

361 - Risk of Cancer After Upper-Extremity Deep Vein Thrombosis: A Population-Based Cohort Study

Jens Sundboll, Erzsébet Horváth-Puhó, Kasper Adelborg, Henrik Toft Sorensen, Aarhus University Hospital, Aarhus, Denmark

362 - Low Dose Systemic Thrombolysis and New Oral Anticoagulants in the Treatment of Large Thrombi in the Right Heart

Mohsen Sharifi, Fatemeh Larijani, Ryan Wycliffe, Beth Loggins, Bethany Schroeder, Dana De Los Monteros, Wilbur Freeman, Arizona Cardiovascular Consultants and Vein Clinic, Mesa, AZ, USA

### Acute and Stable Ischemic Heart Disease - Scientific Session #697

#### Acute Cardiogenic Shock: Progress, Paradigm, and Unresolved Problems

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Ballroom C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Venu Menon

Co-Chair: Navin Kapur

Panelist: Vivkek Rao

2:00 p.m.

The Top 5 Reasons We Fail to Succeed When Managing Cardiogenic Shock in 2017

Venu Menon

2:10 p.m.

Panel Discussion/Audience Question and Answer

2:15 p.m.

How and When to Use a PA Catheter in Cardiogenic Shock

Arvind Bhimaraj

Houston, TX

2:25 p.m.

Panel Discussion/Audience Question and Answer

2:30 p.m.

Pharmacologic Approaches for Cardiogenic Shock: Best Practices

Sean Van Diepen

Edmonton, Canada

2:40 p.m.

Panel Discussion/Audience Question and Answer

2:45 p.m.

Hemodynamic Profiles and Hemodynamic Pumps for Cardiogenic Shock:

Which Pump for Which Patient?

Navin Kapur

Hanover, MA

2:55 p.m.

Panel Discussion/Audience Question and Answer

3:00 p.m.

The Double Edged Sword of Public Reporting in a.m.I and Shock

Eric Peterson

Chapel Hill, NC

3:10 p.m.

Panel Discussion/Audience Question and Answer

3:15 p.m.

Putting it All Together: The Shock Team

Jason Katz

Chapel Hill, NC

3:25 p.m.

Panel Discussion/Audience Question and Answer

### Acute and Stable Ischemic Heart Disease - Scientific Session #698

#### Issues in the Treatment of Coronary Disease: Joint Symposium of the American Heart Association and the American College of Cardiology

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 143 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Richard A. Chazal

Co-Chair: Mark A. Creager



Co-Chair: Frank W. Sellke  
Panelist: Deepak L. Bhatt  
Panelist: Robert A. Guyton  
Panelist: Robert A. Harrington  
Panelist: Marc Ruel  
Panelist: Sidney Smith, Jr.

2:00 p.m.  
Primary and Secondary Prevention  
Sidney Smith  
Chapel Hill, NC

2:15 p.m.  
When to Stent, Bypass or Leave Alone  
Deepak L. Bhatt  
Newton, MA

2:30 p.m.  
DAPT: What and how Long?  
Robert A. Harrington  
Stanford, CA

2:45 p.m.  
Alternate Approaches to CABG: Are they Better?  
Marc Ruel  
Ottawa, Canada

3:00 p.m.  
All Arterial CABG: What Does the Data Show?  
Robert A. Guyton  
Atlanta, GA

3:15 p.m.  
Panel Discussion

**Acute and Stable Ischemic Heart Disease - Scientific Session #699**  
**Cardiac Rehab in 2017: Tailoring The Approach to the Times**  
**Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.**  
**Room 147 B**  
**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Daniel Forman  
Co-Chair: Mathew Maurer  
Panelist: John A. Dodson  
Panelist: Nicole Orr  
Panelist: Robin Wedell

2:00 p.m.  
Does Benefit of Cardiac Rehab Vary by Age, Sex, Race, Indication?  
Robert Widmer  
Rochester, MN

2:10 p.m.  
Panel Discussion with Question and Answer

2:18 p.m.  
Overcoming Barriers of Transportation, Cost, and Cognition: In-Home Programs and Mobile Devices  
Elizabeth A. Jackson  
Ann Arbor, MI

2:28 p.m.  
Panel Discussion with Question and Answer

2:36 p.m.  
Tailoring Cardiac Rehab to the Diagnosis: Angina, PCI, CABG, or Comorbidity  
Jonathan Whiteson  
New York, NY

2:46 p.m.  
Panel Discussion with Question and Answer

2:54 p.m.  
Going the Extra Mile: PAD Rehab  
Alan Hirsch  
Minneapolis, MN

3:04 p.m.  
Panel Discussion with Question and Answer

3:12 p.m.  
Reimbursement for Cardiac Rehab in 2017: Are MDs Still Required for Supervision?  
A. Allen Seals  
Jacksonville, FL

3:22 p.m.  
Panel Discussion with Question and Answer

**Acute and Stable Ischemic Heart Disease - Scientific Session #700**  
**Controversies in ACS Guidelines**  
**Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.**  
**Room 150 A**  
**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Dharam Kumbhani  
Co-Chair: Laura Mauri  
Panelist: John Bittl  
Panelist: Fred Kushner

2:00 p.m.  
What's New and Controversial in ACS Guidelines: The US Perspective  
Glenn Levine  
Pearland, TX

2:08 p.m.  
What's New and Controversial in ACS Guidelines: The European Perspective  
Carlo Di Mario  
London, United Kingdom

2:16 p.m.  
Panel Discussion

2:20 p.m.  
Management of Non Culprit Artery in STEMI: PCI at the Time of Primary PCI is the Most Efficient Way to go!  
Anthony Gershlick  
Leicester, United Kingdom

2:28 p.m.  
Management of Non Culprit Artery in STEMI: What about Medical Therapy and an Ischemia Guided Approach?  
Eric Bates  
Ann Arbor, MI

2:36 p.m.  
Management of Non Culprit Artery in STEMI: I Prefer a Staged Approach to Care!  
Jacqueline Tamis-Holland  
New York, NY

2:44 p.m.  
panel Discussion

2:48 p.m.  
DAPT Duration: DAPT Score is All You Need  
Laura Mauri  
Boston, MA





2:56 p.m.

DAPT Duration: It's More Than Just the Score

Dharam Kumbhani  
Dallas, TX

3:04 p.m.

Panel Discussion

3:08 p.m.

Optimal Timing of Coronary Angiography in Patients with Non ST Elevation  
ACS: The Sooner the Better- Including on Weekends!

Paul A. Gurbel  
Lutherville, MD

3:16 p.m.

Optimal Timing of Coronary Angiography in Patients with Non ST Elevation  
ACS: Stay Cool and Plan for Cath Tomorrow - or Monday..  
Holger Thiele  
Lubeck, Germany

3:24 p.m.

Panel Discussion

### **Congenital Heart Disease - Hands-on Skills Learning**

#### **Session #1513**

#### **Personalized Skills Center: Hands-On Simulation - Congenital Heart Disease**

Saturday, March 18, 2017, 2 p.m. - 3 p.m.

Personalized Skills Center, East Salon AB

CME Hours: /CNE Hours:

2:00 p.m.

Congenital Heart Disease

Keri Shafer  
Boston, MA

### **Congenital Heart Disease - Scientific**

#### **Session #701**

#### **Value, Advocacy and the Future of Adult Congenital and Pediatric Cardiology**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 146 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Rupali Gandhi

Co-Chair: Robert Campbell

Panelist: Robert H. Beekman

Panelist: Kathy J. Jenkins

Panelist: James Kaufman

Panelist: Virginia Moyer

2:00 p.m.

ACC-Talk: Knowledge is Savings: Provider Behavior Changes When we Know Cost

John Friedman  
Boston, MA

2:10 p.m.

Optimal Clinical Outcomes and Value

Kathy J. Jenkins  
Boston, MA

2:20 p.m.

Medicaid Strategies in Children's Health Care

James Kaufman  
Washington, DC

2:40 p.m.

Demonstrating Value through Life-long Learning

Virginia Moyer

Chapel Hill, NC

2:50 p.m.

Panel Introduction: Toward a Better Understanding of Long-Term CHD Care Outcomes: Lessons Learned from CHD Community Day

Ritu Sachdeva  
Atlanta, GA

2:55 p.m.

Panel Discussion with Audience Question and Answer

### **Heart Failure and Cardiomyopathies - International**

#### **Session #523**

#### **The Burden of Heart Failure: International Perspectives From the Chilean Society of Cardiology, Colombian Society of Cardiology, and American College of Cardiology**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 145 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Paul J. Mather

Co-Chair: Roberto Concepcion

Co-Chair: Enrique Melgarejo Rojas

2:00 p.m.

Introduction to Session

Paul J. Mather  
Philadelphia, PA

2:05 p.m.

Traditional and New Biomarkers in CHF

Pablo Castro  
Santiago, Chile

2:16 p.m.

New Insight Into Trypanocidal Treatment: The BENEFIT & STOP-CHAGAS Trials

Carlos A. Morillo  
Hamilton, Canada

2:27 p.m.

Advanced Tissue Phenotyping in Nonischemic Cardiomyopathy

Kenneth B. Margulies  
Philadelphia, PA

2:38 p.m.

Which Are the Best Policies to Improve Adherence and Prevent Rehospitalization in Patients With Recent Acute Heart Failure?

Douglas Greig  
Toronto, Canada

2:49 p.m.

Chagas is Coming: Five Things That a Cardiologist in Non-Endemic Countries Needs to Know

Luis Eduardo Echeverria Correa  
Floridablanca, Colombia

3:00 p.m.

Discussion

### **Heart Failure and Cardiomyopathies - Scientific**

#### **Session #702**

#### **The Forgotten Chamber: The Right Ventricle in Heart Failure**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 144 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mark H. Drazner

Co-Chair: Myung Park



2:00 p.m.  
How To Assess RV Function: Imaging, Hemodynamics, or Both?  
Thomas Gerard Di Salvo

2:10 p.m.  
Question and Answer

2:15 p.m.  
RV Failure in HFrEF: Managing Failure From Both Sides  
J. Rame  
Philadelphia, PA

2:25 p.m.  
Question and Answer

2:30 p.m.  
RV Failure in HFpEF: Therapeutic and Prognostic Implications  
Marco Guazzi  
20141 Milano, Italy

2:40 p.m.  
Question and Answer

2:45 p.m.  
Drug Therapy and Device Options in Acute RV Failure  
Paul Forfia  
Philadelphia, PA

2:55 p.m.  
Question and Answer

3:00 p.m.  
RV Failure After LVAD: Predictable and Preventable?  
Jeffrey Teuteberg  
Pittsburgh, PA

3:10 p.m.  
Question and Answer

3:15 p.m.  
Challenging Case of RV Failure  
Eman Hamad  
Philadelphia, PA

3:25 p.m.  
Case Panel Discussion

**Heart Failure and Cardiomyopathies - Scientific Session #703**  
**Role of Newer ICD Technologies for the Prevention of Sudden Cardiac Death**  
Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.  
Room 146 B  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Fred M. Kusumoto  
Co-Chair: Jonathan Piccini  
Panelist: Mina Chung  
Panelist: Andrew E. Epstein  
Panelist: N. A. Mark Estes, III  
Panelist: Jagmeet Singh  
Panelist: Jonathan Steinberg

2:00 p.m.  
Case Presentation - Subcutaneous ICD  
Benjamin Adam Steinberg  
Sandy, UT

2:05 p.m.  
Panel Discussion

2:15 p.m.  
Subcutaneous ICDs: Who, When and Why?  
Jonathan Steinberg  
Ridgewood, NJ

2:25 p.m.  
Case Presentation - Wearable Cardioverter Defibrillator  
Parikshit Sharma  
Richmond, VA

2:30 p.m.  
Panel Discussion

2:40 p.m.  
Who Are the Best Patients for a Wearable Cardioverter Defibrillator?  
Andrew E. Epstein  
Philadelphia, PA

2:50 p.m.  
Should We Use a Vest in Newly Diagnosed Nonischemic Cardiomyopathy Patients?  
Mina Chung  
Cleveland, OH

3:00 p.m.  
Should We Use a Vest in Newly Diagnosed Nonischemic Cardiomyopathy Patients?  
Jagmeet Singh  
Boston, MA

3:10 p.m.  
Rebuttal Pro  
M. Chung;  
Cleveland Clin. Lerner Col. of Med. of, Cleveland, OH.

3:15 p.m.  
Rebuttal Con  
J. Singh;  
Cardiac Arrhythmia Service, MA Gen. Hos, Boston, MA.

3:20 p.m.  
What Does the Future Hold for Leadless Pacing and ICDs?  
N. A. Mark Estes, III  
Boston, MA

### **Interventional Cardiology - Live Cases**

#### **Session #204**

**Interventional Live Case Session V: Complex Coronary and Physiology from Mid-America Heart Institute (Kansas City, Missouri)**  
Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.  
Hall D (Main Tent)  
CME Hours: 1.5 /CNE Hours: 1.5

2:00 p.m.  
Live Case Operator  
James Aaron Grantham  
Kansas City, MO

Co-Chair: Rasha Al-Lamee  
Co-Chair: William Fuller Fearon  
Panelist: Ziad Ali  
Panelist: Manish A. Parikh  
Panelist: Douglas E. Drachman  
Panelist: Habib Samady  
Panelist: Farouc A. Jaffer  
Panelist: Giora Weisz



### Interventional Cardiology - Scientific

#### Session #706

**Mastering Cath Lab Leadership and Economics in a New Era: A Joint Symposium by the Society of Cardiovascular Angiography and Interventions and the American College of Cardiology**  
Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 201

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert J. Applegate

Co-Chair: Charles E. Chambers

2:00 p.m.

Part I: Leadership and Economics

2:00 p.m.

Effective Strategies for Success of the Medical Director

David Gerard Rizik

Scottsdale, AZ

2:10 p.m.

Integrating Expensive Technologies in the Cath Lab Budget

Robert J. Applegate

Winston-Salem, NC

2:20 p.m.

Can the Cath Lab be a Value Proposition?

Kirk N. Garratt

Newark, DE

2:30 p.m.

Question and Answer

2:45 p.m.

Part II: Quality and New Technology

2:45 p.m.

How to Incorporate Quality Metrics in Your Daily Practice

Rajesh V. Swaminathan

New York, NY

2:55 p.m.

MACRA and Bundle Payments for PCI: Impact on Quality?

Peter L. Duffy

Pinehurst, NC

3:05 p.m.

New Technologies to Address Cath Lab Hazards?

Emmanouil S. Brilakis

Dallas, TX

3:15 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #707

**Imaging for Left Atrial Appendage and Paravalvular Leak Closure: A Case Based Approach**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Aaron V. Kaplan

Co-Chair: Sreekanth Vemulapalli

Panelist: Reda Ibrahim

Panelist: Matthew J. Price

Panelist: Charanjit S. Rihal

Panelist: Jacqueline W. L. Saw

Panelist: Robert J. Siegel

2:00 p.m.

LAA Imaging- TEE: Getting Down to Basics

Robert J. Siegel

Los Angeles, CA

2:12 p.m.

LAA Imaging- CT/MRI Imaging: Getting Down to Basics

Jacqueline W. L. Saw

Vancouver, Canada

2:24 p.m.

Intra-Procedural Imaging: TEE, ICE and Fluoro- Bringing it All Together

Matthew J. Price

La Jolla, CA

2:36 p.m.

Case Presentation: Pre-Procedural, Intra-Procedural, and Post Procedural Evaluation

Ramon Quesada

Miami, FL

2:41 p.m.

Case Discussion with Question and Answer

2:51 p.m.

Post Procedure Imaging: Understanding the Post Implant Evaluation and its Impact on Anticoagulation Strategy

Reda Ibrahim

Montreal, Canada

3:03 p.m.

Paravalvular Leak: Overriding Principals and Pre-Procedural Criteria

Charanjit S. Rihal

Rochester, MN

3:15 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #708

**Left Main PCI: Why? When? How?**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 207 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David J. Cohen

Co-Chair: David E. Kandzari

Panelist: Antonio Colombo

Panelist: A. Pieter Kappetein

Rotterdam, Netherlands

Panelist: Raj R. Makkar

Panelist: Gary S. Mintz

Panelist: Gregg W. Stone

2:00 p.m.

Case Presentation: Bifurcation Distal Left Main Disease Covering Clinical Scenario and Imaging

Amit Vora

Durham, NC

2:05 p.m.

Case Discussion with Question and Answer

2:15 p.m.

Insights from SYNTAX and PRECOMBAT

A. Pieter Kappetein

Rotterdam, Netherlands

2:25 p.m.

Insights from EXCEL and NOBLE



Gregg W. Stone  
New York, NY

2:35 p.m.  
Question and Answer

2:45 p.m.  
Technical Issues in Left Main PCI  
Antonio Colombo  
Milan, Italy

2:55 p.m.  
How to Assess the Left Main Using Physiology and Imaging  
Gary S. Mintz  
Washington, DC

3:05 p.m.  
Left Main PCI: When and How to Use Circulatory Support  
Raj R. Makkar  
Los Angeles, CA

3:15 p.m.  
Question and Answer

### Interventional Cardiology - Oral Contributions

#### Session #906

#### The Best Structural Interventional Challenging Cases

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 202 B

CME Hours: 1.5 /CNE Hours: 1.5

2:00 p.m.  
ACC Co-Chair: Mauricio G. Cohen

2:00 p.m.  
ACC Co-Chair  
Paul Sorajja

2:00 p.m.  
ACC Panelist  
Hani Jneid  
Houston, TX

2:00 p.m.  
ACC Panelist  
Nikolaos Kakouros  
Worcester, MA

2:00 p.m.  
ACC Panelist  
Roger J. Laham  
Boston, MA

2:00 p.m.  
ACC Panelist  
Kreton Mavromatis  
Decatur, GA

2:00 p.m.  
To Close or Not to Close: Percutaneous Treatment of Acquired Gerbode Defect  
Alec Vishnevsky, Evan Caruso, Praveen Mehrotra, John C. Entwistle, III, Michael Savage, Nicholas Ruggiero, Thomas Jefferson University Hospital, Philadelphia, PA, USA

2:11 p.m.  
Panel Discussion

2:18 p.m.  
The First Case of Edward SAPIEN S3 Pulmonary Valve-in-Valve Deployment

Manik Veer, Anas Mansour, David Lasorda, Robert Moraca, Ramzi Khalil, Allegheny General Hospital, Allegheny Health Network, Pittsburgh, PA, USA

2:29 p.m.  
Panel Discussion

2:36 p.m.  
Microcoil Embolization of an Aortic Root Pseudoaneurysm Through a Transthoracic Approach  
Timothy R. Canan, Eric Yang, Scott Genshaft, John Moriarty, University of California, Los Angeles, Los Angeles, CA, USA

2:47 p.m.  
Panel Discussion

2:54 p.m.  
Late Manifestation of Eisenmenger Physiology After Atrial Septal Defect Closure  
Ali Hama Amin, Ashwin Bhurud, Krishna Kishore Bingi, Sami Aljohani, Fahad Alqahtani, Mohamad Alkhoul, West Virginia University Heart and Vascular Institute, Morgantown, WV, USA

3:05 p.m.  
Panel Discussion

3:12 p.m.  
Transapical Mitral Paravalvular Leak Closure for Recurrent Paravalvular Leak  
Tilak Pasala, Atish Mathur, Carlos Ruiz, Hackensack University Medical Center, Hackensack, NJ, USA

3:23 p.m.  
Panel Discussion

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific

#### Session #704

#### Cardiovascular Magnetic Resonance -- A Fast and Reliable Method to Change Patients' Therapy: Joint Symposium of the Society for Cardiovascular Magnetic Resonance and the American College of Cardiology

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 146 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Victor A. Ferrari  
Co-Chair: Orlando Simonetti

2:00 p.m.  
Chest Pain -But Normal Coronaries  
Matthias Friedrich

2:15 p.m.  
Discussion

2:20 p.m.  
Case Presentation /ACC Talk  
Chiara Bucciarelli-Ducci  
London, United Kingdom

2:27 p.m.  
Discussion

2:30 p.m.  
Coronary Artery Disease: A 20 Minute Examination  
Eike C. Nagel  
London, United Kingdom

2:45 p.m.  
Discussion



2:50 p.m.

Case Presentation/ACC Talk

Lilia Mercedes Sierra-Galan  
Mexico, D.F., Mexico

2:57 p.m.

Discussion

3:00 p.m.

Impact on Decision Making in Adults With Repaired Tetralogy of Fallot: CMR As Game Changer  
Andrew J. Powell  
Boston, MA

3:15 p.m.

Discussion

3:20 p.m.

CMR in the Guidelines Europe  
Vanessa Ferrira  
Oxfordshire, United Kingdom

3:25 p.m.

Cardiovascular Magnetic Resonance In the Guidelines: United States  
Victor A. Ferrari  
Philadelphia, PA

### **Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific**

#### **Session #705**

#### **Stress Echocardiography: Best Practices and Emerging Applications**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 147 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Lisa Mendes

Co-Chair: Susan Wiegers

2:00 p.m.

Technical Tips and Tricks During Stress Echo  
Jayne Cleve

2:30 p.m.

Introducing the Diastolic Stress Test  
Patricia Pellikka  
Rochester, MN

2:45 p.m.

Using Stress Echo to Assess Mitral Regurgitation  
Paul Grayburn  
Dallas, TX

3:00 p.m.

Is Contrast Finally Ready for Perfusion Stress Echo?  
Thomas Porter  
Omaha, NE

3:15 p.m.

Question and Answer

### **Prevention - International**

#### **Session #522**

#### **Diabetes, Hyperlipidemia, and Coronary Artery Disease, Prevention and Treatment: International Perspectives From the Japanese College of Cardiology, Saudi Heart Association, and American College of Cardiology**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 145 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Dipti Itchhaporia

Co-Chair: Mohammed A. Balghith

Co-Chair: Atsushi Hirayama

2:00 p.m.

Introduction to Session

Dipti Itchhaporia

Newport Beach, CA

2:05 p.m.

Acute Effects of Sodium-glucose Cotransporter 2 Inhibitor on Hemodynamic, Neurohumoral and Body Fluid Regulation in Patients With Type 2 Diabetes Mellitus and Stable Heart Failure  
Kaoru Dohi  
Tsu, Japan

2:16 p.m.

Standard Anti-platelet Dosing is Not Effective in CAD Patients  
Mostafa Al Shamiri  
Saudi Arabia

2:27 p.m.

A Global Perspective on Managing Diabetics With Coronary Artery Disease  
Thomas A. Gaziano  
Boston, MA

2:38 p.m.

Should the Strategy for Secondary Prevention of Coronary Artery Disease be Different in Diabetic Patients?: Lessons From Studies With Intravascular Imaging Modalities  
Takafumi Hiro  
Tokyo, Japan

2:49 p.m.

Revascularization Should be Applied in All Diabetics With Coronary Artery Disease  
Khaled F. Al-Shaibi  
Jeddah, Saudi Arabia

3:00 p.m.

Discussion

### **Prevention - Core Curriculum**

#### **Session #812**

#### **Core Curriculum: Healthcare for the Masses**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 151 A

CME Hours: 1.5 /CNE Hours: 1.5

Chair: Vera Bittner

2:00 p.m.

Lipid Management in Those Without Known ASCVD  
Amit Khera  
Dallas, TX

2:25 p.m.

"I Didn't Inhale": Alternative Nicotine Products and CVD  
Pamela B. Morris  
Charleston, SC





2:50 p.m.

Innovative Tools to Improve Patient Compliance

Andrew M. Freeman  
Denver, CO

3:15 p.m.

Question and Answer

### Special - Gaming

#### Session #6006

**Engage @ ACC.17 Studio: FIT Jeopardy Battle of the State Chapters IV**

Saturday, March 18, 2017, 2 p.m. - 3 p.m.

Engage @ ACC.17 Studio, Hall C

CME Hours: 1 /CNE Hours: 1

2:00 p.m.

FIT Jeopardy: Battle of the State Chapters: Final Round

2:00 p.m.

Judge

Chittur A. Sivaram  
Oklahoma City, OK

2:00 p.m.

Judge

Gaby Weissman  
Washington, DC

2:00 p.m.

Judge

Donna M. Polk  
Boston, MA

2:00 p.m.

Moderator

Steve Leung  
Lexington, KY

2:30 p.m.

Moderator

Zachary D. Goldberger  
Seattle, WA

### Special - Intensive

#### Session #56

**Are We There Yet? The Long Journey to Health Equity: Part III**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 152 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Keith C. Ferdinand

Co-Chair: Laxmi S. Mehta

2:00 p.m.

Introduction to Session

Laxmi S. Mehta  
Powell, OH

2:03 p.m.

Case Presentation: Highlighting Disparities in CV Care

Keith C. Ferdinand  
New Orleans, LA

2:13 p.m.

Audience Question and Answer

2:15 p.m.

ACC-Talk: Achieving Health Equity - What We Need to Do

Robert Califf  
Durham, NC

2:30 p.m.

Leading the Charge in Addressing Disparities: Practical Approaches

Kimberlydawn Wisdom  
Detroit, MI

2:40 p.m.

Healthy People 2020: Race, Ethnicity and Beyond

Wayne H. Giles  
Atlanta, GA

2:50 p.m.

Engaging Patients in Their CV Care: Mobile Devices and Beyond

Kevin R. Campbell  
Raleigh, NC

3:00 p.m.

Advancing Health Equity by Professional Education

Ileana L. Pina  
Bronx, NY

3:10 p.m.

Moderated Panel Discussion

3:10 p.m.

Moderator: Panel Discussion

Sharonne Hayes  
Rochester, MN

3:25 p.m.

Session Summary

Keith C. Ferdinand  
New Orleans, LA

### Special - Symposium

#### Session #109

**Cardiovascular Update for the Clinician IV: Electrical Failure 2017**

**Rhythm Disorders (A Symposium by Valentin Fuster)**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Ballroom A

CME Hours: 1.5 /CNE Hours: 1.5

Chair: Valentin Fuster

Panelist: David Callans

Panelist: Vivek Yerrapu Reddy

Panelist: David J. Wilber

2:00 p.m.

Innovations in Device Therapy and Follow-up Results Subcutaneous ICDs,

CRTs New Indications, Leadless Pacemakers

David J. Wilber

Maywood, IL

2:15 p.m.

Atrial Fibrillation- The Fourteen Non-Ablation Challenges Quality of Life and

Preventing Stroke

Valentin Fuster

New York, NY

2:30 p.m.

Left Atrial Appendage Closure as Alternative to Anticoagulants

Vivek Yerrapu Reddy

New York, NY

2:45 p.m.

Atrial Fibrillation- Catheter Ablation Who?, How?, When?

David Callans

Philadelphia, PA

3:00 p.m.

Ventricular Tachycardia - Catheter Ablation Who?, How?, When?



Vivek Yerrapu Reddy  
New York, NY

3:15 p.m.  
Panel Discussion/Audience Question and Answer

### Special - Special Session #406

**Late-Breaking Clinical Trials: Deep Dive I**  
Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.  
Ballroom B  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Judith S. Hochman  
Co-Chair: Sanjay Kaul

2:00 p.m.  
Primary Results of the Further Cardiovascular Outcomes Research With PCSK9 Inhibition in Subjects With Elevated Risk (FOURIER) Trial and Primary Results of EBBINGHAUS, a Cognitive Study of Patients Enrolled in the FOURIER Trial  
Marc Steven Sabatine  
Boston, MA

2:07 p.m.  
Safety and Cardiovascular Event Efficacy of Bococizumab Among 27,000 High Risk Patients  
Paul M. Ridker  
Boston, MA

Panelist: C. Noel Bairey Merz

2:20 p.m.  
Panel Discussion

2:27 p.m.  
Transcatheter Aortic Valve Replacement With a Self-Expanding Bioprosthesis Compared With Surgical Aortic Valve Replacement in Patients at Intermediate Surgical Risk: First Results From the SURTAVI Clinical Trial  
Michael J. Reardon  
Houston, TX

Panelist: Robert O. Bonow

2:38 p.m.  
Panel Discussion

2:45 p.m.  
Everolimus-Eluting Bioresorbable Vascular Scaffolds in Patients With Coronary Artery Disease: Two-Year Outcomes From the ABSORB III Trial  
Stephen G. Ellis  
Cleveland, OH

Panelist: Sripal Bangalore

2:56 p.m.  
Panel Discussion

3:03 p.m.  
Instantaneous Wave-Free Ratio Versus Fractional Flow Reserve Guided Intervention (IFR-SWEDEHEART): A Multicenter, Prospective, Registry-Based Randomized Clinical Trial  
Matthias Götberg  
Lund, Sweden

3:08 p.m.  
Primary Results of DEFINE-FLAIR: A Multi-Centre, Prospective, International, Randomized, Blinded Comparison of Clinical Outcomes and Cost Efficiencies of iFR and FFR Decision-Making for Physiological Guided Coronary Revascularization

Justin E. Davies  
London, United Kingdom

Panelist: Pamela S. Douglas

3:21 p.m.  
Panel Discussion

### Special - Special Session #407

**16th Annual Maseri-Florio International Lecture**  
Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.  
Room 140 B  
CME Hours: 1.5 /CNE Hours: 1.5

2:00 p.m.  
407-01 - Co-Chair  
Mary N. Walsh  
Indianapolis, IN

2:00 p.m.  
407-02 - Co-Chair  
Daniel Jose Pineiro  
Buenos Aires, Argentina

2:00 p.m.  
407-03 - Introduction to Session  
Mary N. Walsh  
Indianapolis, IN

2:05 p.m.  
407-04 - 16th Annual Maseri-Florio International Lecture: ACC International: an Overseas Perspective  
Huon Gray  
Southampton, United Kingdom

2:55 p.m.  
407-05 - Interview with Huon Gray, MD, FACC and Q&A with the Audience  
Mary N. Walsh  
Indianapolis, IN

2:55 p.m.  
407-06 - Interview with Huon Gray, MD, FACC and Q&A with the Audience  
Daniel Jose Pineiro  
Buenos Aires, Argentina

### Valvular Heart Disease - Scientific Session #709

**TAVR: What We've Learned and Where We Think We're Going!**  
Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.  
Room 204 A  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Elizabeth Perpetua  
Co-Chair: Alan Zajarias

2:00 p.m.  
A Brief Synopsis of US Randomized Clinical Trials and TAVI Registry Data  
Vinod Thourani

2:09 p.m.  
A Challenging Case: Heart Team to the Rescue!  
Tom Nguyen  
Houston, TX

2:18 p.m.  
The Heart Team in 2017: Fact or Fiction?  
Sameer Gafoor  
Chicago, IL



2:27 p.m.

Patient Selection: Who Benefits the Most and Who Benefits the Least?

Amy Simone  
Atlanta, GA

2:36 p.m.

Discussion and Question and Answer

2:45 p.m.

Conscious Sedation in TAVR: Patient Versus Institutional Benefits

Brian Whisenant  
Salt Lake City, UT

2:54 p.m.

Program Volume and Correlation to Outcomes: The Dilemma of Low Volume TAVR Centers

Michael Reardon  
Houston, TX

3:03 p.m.

How Low Should We Go? The Transition to Low Risk

Stephen Little  
Houston, TX

3:12 p.m.

The Future of Transcatheter Valve Therapies

Martin Leon  
New York, NY

3:21 p.m.

Discussion and Question and Answer

### Valvular Heart Disease - Scientific

#### Session #710

**Focus on Structural and Valvular Heart Disease: Joint Symposium of the Association of Black Cardiologists and the American College of Cardiology**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 209 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Oluseun O. Alli

Co-Chair: Jennifer L. Ellis

2:00 p.m.

Update on Management of Hypertrophic Cardiomyopathy (HOCM)

Barry J. Maron

2:12 p.m.

Impact of Hypertensive and non-ischemic Cardiomyopathies on Minority Health Hypertensive/Nonischemic Cardiomyopathy

Clyde W. Yancy  
Chicago, IL

2:24 p.m.

Current Status of LVADS and Transplant

Jose Tallaj  
Birmingham, AL

2:36 p.m.

Update on the Management of Adult Congenital Heart Disease

Anitha S. John  
Washington, DC

2:48 p.m.

Epidemiology of Valvular Heart Disease with a Focus on Minority Health

Vuyisile Nkomo  
Rochester, MN

3:00 p.m.

Representation of minorities in clinical trials and registries in structural heart disease

David R. Holmes  
Rochester, MN

3:12 p.m.

Question and Answer

### Non-Certified Industry Events - Learning Destinations

#### Session #4311

**CardioSmart Patient Engagement Presentation**

Saturday, March 18, 2017, 2:45 p.m. - 3:30 p.m.

Expo Hall 1154

CME Hours: /CNE Hours:

2:45 p.m.

CardioSmart Patient Engagement Presentation

Matthew T. Roe  
Durham, NC

2:45 p.m.

CardioSmart Patient Engagement Presentation

Henry Cruz  
Durham, NC

2:45 p.m.

CardioSmart Patient Engagement Presentation

Tom McCormick  
Durham, NC

2:45 p.m.

CardioSmart Patient Engagement Presentation

Sandeep K. Jain  
Wexford, PA

2:45 p.m.

CardioSmart Patient Engagement Presentation

Frederick Masoudi  
Aurora, CO

2:45 p.m.

CardioSmart Patient Engagement Presentation

Robert Califf  
Durham, NC

2:45 p.m.

CardioSmart Patient Engagement Presentation

Eileen M. Handberg  
Gainesville, FL

### Special - Events and Meetings

#### Session #5017

**Geriatric Cardiology Section Meeting**

Saturday, March 18, 2017, 3 p.m. - 4:30 p.m.

Renaissance Hotel, Congressional Ballroom AB

CME Hours: /CNE Hours:

2:00 p.m.

Geriatric Cardiology Section Meeting

### Special - Events and Meetings

#### Session #5012

**APC General Assembly**

Saturday, March 18, 2017, 3 p.m. - 5 p.m.

Marriott Marquis, Marquis Ballroom Salon 15

CME Hours: /CNE Hours:

3:00 p.m.

APC General Assembly



### Arrhythmias and Clinical EP - Self-Assessment

#### Session #813

#### Test Yourself with Questions: Guidelines Module 3: Atrial Fibrillation

Saturday, March 18, 2017, 3:30 p.m. - 6 p.m.

East Salon C

CME Hours: 2.5 /CNE Hours:

3:30 p.m.

Moderator

Kristen K. Patton

Seattle, WA

3:30 p.m.

Faculty

Christian T. Ruff

Boston, MA

3:30 p.m.

Faculty

Rajat Deo

Philadelphia, PA

3:30 p.m.

Faculty

Peter A. Brady

Rochester, MN

### Congenital Heart Disease - Gaming

#### Session #6007

#### Engage @ ACC.17 Studio: The Newlywed Game for Pediatric Cardiac Providers

Saturday, March 18, 2017, 3:30 p.m. - 4:30 p.m.

Engage @ ACC.17 Studio, Hall C

CME Hours: 1 /CNE Hours: 1

Co-Chair: Bronwyn Bartle

Co-Chair: Alistair Phillips

3:30 p.m.

Participant, Team 1

Stephanie Fuller

3:30 p.m.

Participant, Team 1

Bryan H. Goldstein

Cincinnati, OH

3:30 p.m.

Participant, Team 2

Emile Bacha

New York, NY

3:30 p.m.

Participant, Team 2

Julie Vincent

Yorktown Heights, NY

3:30 p.m.

Participant, Team 3

George K. Lui

Stanford, CA

3:30 p.m.

Participant, Team 3

Andrew Y. Shin

Palo Alto, CA

3:30 p.m.

Participant, Team 4

Robert Jaquiss

Durham, NC

3:30 p.m.

Participant, Team 4

Gregory Fleming

Durham, NC

3:30 p.m.

Audience Polling

3:30 p.m.

Moderated Panel Discussion with Audience Questions and Answers

### Acute and Stable Ischemic Heart Disease - Moderated Poster Contributions

#### Session #1266M

#### Can CABG Patch CAD?

Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.

Acute and Stable Ischemic Heart Disease Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Jack Boyd

ACC Poster Moderator: Kevin Greason

3:45 p.m.

Effectiveness of a Second Arterial Conduit for Multi Vessel Coronary Bypass: A State-Wide Analysis of 60,897 Patients

Andrew B. Goldstone, Peter Chiu, Michael Baiocchi, Bharathi Ligala, Jack Boyd, Y. Joseph Woo, Stanford University, Stanford, CA, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Bias From Categorizing Body Mass Index When Assessing the Association With Post-CABG Mortality

Giovanni Filardo, Benjamin Pollock, James R. Edgerton, Baylor Scott & White Health, Dallas, TX, USA, Texas Quality Initiative, Dallas, TX, USA

4:10 p.m.

Question and Answer

4:15 p.m.

Minimally Invasive CABG Reduces Target Vessel Revascularizations in Comparison to PCI Without Increased Major Adverse Events: A Meta-Analysis of Randomized Trials

Sukhchain Singh, Amandeep Singh Dhillon, Murtaza Mirza, Rohit Arora, Sandeep Khosla, Chicago Medical School, North Chicago, IL, USA

4:25 p.m.

Question and Answer

### Arrhythmias and Clinical EP - Moderated Poster Contributions

#### Session #1262M

#### Cardiac Channelopathies: Novel Therapeutics and Clinical Challenges

Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.

Arrhythmias and Clinical EP Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Andrew Grace Kingdom

ACC Poster Moderator: Steven Houser

3:45 p.m.

Efficacy and Safety of Flecainide to Reduce Exercise-Induced Ventricular Arrhythmias and the Arrhythmic Window in Patients With Catecholaminergic Polymorphic Ventricular Tachycardia



María del Val Groba Marco, Fernando Wangüemert Pérez, Julio Salvador Hernandez Afonso, Eduardo Caballero Dorta, Luis Alvarez Acosta, Oscar Campuzano Larrea, Guillermo Javier Pérez, Josep Brugada, Ramon Brugada-Terradellas, Cardiavante Centro Médico Cardiológico, Las Palmas de Gran Canaria, Spain

3:55 p.m.  
Question and Answer

4:00 p.m.  
Appropriate Primary Prophylactic Implantation of Defibrillator in Patients With Brugada Syndrome: Is There Any Difference Between Patients From Western and Asian countries? Data From a Multicenter Survey Involving 246 Patients With Arrhythmic Events

Anat Milman, Antoine Andorin, Jean-Baptiste Gourraud, Shingo Maeda, Tsukasa Kamakura, Giulio Conte, Eran Leshem, Pieter Postema, Carlo Napolitano, Aviram Hochstadt, Jean Champagne, Leonardo Calo, Jacob Tfelt-Hansen, Masahiko Takagi, Christian Veltmann, Pietro Delise, Domenico Corrado, Elijah Behr, Fiorenzo Gaita, Gan-Xin Yan, Josep Brugada, Antoine Leenhardt, Gi-Byoung Nam, Vincent Probst, Bernard Belhassen, Department of Cardiology, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

4:10 p.m.  
Question and Answer

4:15 p.m.  
Compound *SCN5A* Mutation and *FGF12* Variation Cause Brugada Syndrome  
Shengchuan Dai, Haider Mehdi, Gina Morgan, Rebecca Gutmann, Alexander Greiner, Anthony Klappa, Jeanne Nerbonne, Barry London, Division of Cardiology, University of Illinois at Chicago, Chicago, IL, USA, Division of Cardiovascular Medicine, University of Iowa, Iowa City, IA, USA

4:25 p.m.  
Question and Answer

**Congenital Heart Disease - Moderated Poster Contributions**  
**Session #1259M**  
**Impact of Prenatal Environment on Congenital Heart Disease**  
Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.  
**Congenital Heart Disease and Pulmonary Hypertension Moderated Poster Theater, Poster Hall, Hall C**  
CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Mark B. Lewin  
ACC Poster Moderator: Ismee Williams

3:45 p.m.  
Maternal Blood Trace Element Levels and Risks for Fetal Congenital Heart Defects in Guangdong, China  
Yangju Ou, Michael S. Bloom, Liu Xiaoqing, Lin Shao, Guangdong Cardiovascular Institute, Guangzhou, People's Republic of China, Guangdong General Hospital, Guangdong Academy of Medical Sciences, Guangzhou, People's Republic of China

3:55 p.m.  
Question and Answer

4:00 p.m.  
Umbilical Arterial Blood Flow in the Third Trimester and Its Association With Clinical and Neurodevelopmental Outcomes in Children With Critical Neonatal Congenital Heart Disease  
Jayani Abeysekera, Dora Gyenes, Charlene Robertson, Gwen Alton, Irina Dinu, Dianne Creighton, Joseph Atallah, Ivan Rebeyka, Lisa Hornberger, University of Alberta, Edmonton, Canada

4:10 p.m.  
Question and Answer

4:15 p.m.  
Maternal Exosomal miRNAs in Diabetes Contribute to the Cardiac Development Deficiency  
Ruijing Shi, Wenbin Cai, Xueying Zhou, Lianbi Zhao, Guodong Yang, Lijun Yuan, Department of Ultrasound Diagnostics, Tangdu Hospital, Fourth Military Medical University, Xi'an, People's Republic of China, Department of Biochemistry and Molecular Biology, Fourth Military Medical University, Xi'an, People's Republic of China

4:25 p.m.  
Question and Answer

**Heart Failure and Cardiomyopathies - Moderated Poster Contributions**  
**Session #1265M**

**Risky Business: Predicting Outcomes in Heart Failure**  
Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.  
**Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall C**  
CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Alan T. Kono  
ACC Poster Moderator: Shane LaRue

3:45 p.m.  
The HOSPITAL Readmission Model Poorly Predicts 30-Day Rehospitalization in Heart Failure  
Antonio Perez, Kevin Chagin, Alexander Milinovich, Xinge Ji, James Pavlescak, Michael Kattan, Wai Hong Tang, Randall Starling, Cleveland Clinic, Cleveland, OH, USA

3:55 p.m.  
Question and Answer

4:00 p.m.  
Chronotropic Incompetence and Long-Term Risk of Heart Failure: The Henry Ford Exercise Testing Project  
Waqas Qureshi, Amjad Ahmed, Michael Blaha, Clinton Brawner, Jonathan K. Ehrman, Daniel Kupsky, Steven Keteyian, Haitham Ahmed, Mouaz Al-Mallah, Henry Ford Hospital, Detroit, MI, USA, King Abdulaziz Medical City, King Saud bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia

4:10 p.m.  
Question and Answer

4:15 p.m.  
A Novel Clinical Score (InterTAK Score) to Distinguish Takotsubo Syndrome From Acute Coronary Syndrome  
Annahita Sarcon, Christian Templin, Thomas F. Luscher, Jelena Ghadri, Milosz Jaguszewski, University Hospital Zurich, Zurich, Switzerland, University of Southern California, Los Angeles, CA, USA

4:25 p.m.  
Question and Answer

**Interventional Cardiology - Moderated Poster Contributions**  
**Session #1263M**  
**Percutaneous Coronary Intervention: Lessons From the Real World**  
Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.  
**Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall C**  
CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Amit P. Amin  
ACC Poster Moderator: Somjot Singh Brar

3:45 p.m.  
Nine Year Trends in Cause-Specific Mortality After Percutaneous Coronary Intervention: Observations From the Alberta Provincial Project for Outcome Assessment in Coronary Heart Disease (APPROACH) Registry





Walid Barake, Dat Tran, Diane Galbraith, Colleen Norris, Merrill L. Knudtson, Padma Kaul, Finlay McAlister, Roopinder Sandhu, University of Alberta, Edmonton, Canada, University of Calgary, Calgary, Canada

3:55 p.m.  
Question and Answer

4:00 p.m.  
Outcomes After Percutaneous Coronary Intervention Among Patients With a History of Transient Ischemic Attack or Cerebrovascular Accident: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium  
Devraj Sukul, Milan Seth, David Wohns, Simon R. Dixon, Nicklaus Slocum, Hitinder Gurm, University of Michigan, Ann Arbor, MI, USA

4:10 p.m.  
Question and Answer

4:15 p.m.  
Outcomes in Patients Undergoing Cardiac Catheterization and Therapeutic Hypothermia After Cardiac Arrest  
Dhaval Desai, Daniel Ortiz, Thomas Wilson, Tonga Nfor, M. Fuad Jan, Jayant Khitha, Tanvir Bajwa, Suhail Allaqaband, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

4:25 p.m.  
Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Moderated Poster Contributions**  
**Session #1264M**  
**Technical Advances in Transthoracic Echocardiography**  
Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.  
Non Invasive Imaging Moderated Poster Theater, Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Daniel Jose Pineiro  
ACC Poster Moderator: Nishath Quader

3:45 p.m.  
Safety of Perflutren-Based Echocardiographic Contrast Agent Administration in the Setting of a Patent Foramen Ovale (PFO): A Multicenter Study Conducted in Tertiary Care Centers Based in the New York/Chicago Metropolitan Areas  
Valentin Suma, Karthik Seetharam, Hadi Halazun, Sergie Ziad, Jeffrey J. Silbiger, Benoit Bewley, Farhan Bajwa, Suraj Sookhu, Jyothy Puthumana, Arif Jivan, Ajay Yadlapati, Issam A. Mikati, Edgar Argulian, Jasjit Bhinder, Lakshmi Muthukumar, Rena Toole, Aasha Gopal, Farooq A. Chaudhry, North Shore-LIJ Medical Center/Hofstra North Shore-LIJ School of Medicine, Manhasset, NY, USA, Icahn School of Medicine at Mount Sinai, New York, NY, USA

3:55 p.m.  
Question and Answer

4:00 p.m.  
Stroke Volume Determined Flow Reserve Does Not Predict the True Severity of Low-Flow Low-Gradient Aortic Stenosis and Is Not a Robust Marker of Contractile Reserve in Patients Undergoing Low-Dose Dobutamine Echocardiography  
Anastasia Vamvakidou, Navtej Chahal, Reinette Hampson, Nikolaos Karogiannis, Wei Li, Rajdeep Khattar, Roxy Senior, Northwick Park Hospital, Harrow, United Kingdom, Royal Brompton Hospital, London, United Kingdom

4:10 p.m.  
Question and Answer

4:15 p.m.  
E/e' Short- and Long-Term Independent Prognostic Role in Patients With Left Ventricular Dysfunction

Giovanni Benfari, Clemence Antoine, Wayne Miller, Hector Michelena, Vuyisile Nkomo, Maurice Sarano, Mayo Clinic, Department of Cardiovascular Disease, Rochester, MN, USA

4:25 p.m.  
Question and Answer

**Non-Certified Industry Events - Learning Destinations**  
**Session #4209**  
**Innovation Stage Presentation**  
Saturday, March 18, 2017, 3:45 p.m. - 4:15 p.m.  
Expo Hall 1357  
CME Hours: /CNE Hours:

3:45 p.m.  
Innovation Stage Presentation

**Non-Certified Industry Events - Learning Destinations**  
**Session #4117**  
**nOH Treatment: What it Means to Your Patient**  
Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.  
Expo Hall 413  
CME Hours: /CNE Hours:

3:45 p.m.  
nOH Treatment: What it Means to Your Patient

**Non-Certified Industry Events - Learning Destinations**  
**Session #4312**  
**FOCUS: Familial Hypercholesterolemia Optimal Care in the United States**  
Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.  
Expo Hall 1154  
CME Hours: /CNE Hours:

3:45 p.m.  
FOCUS: Familial Hypercholesterolemia Optimal Care in the United States  
Kelly Myers  
Pasadena, CA

3:45 p.m.  
FOCUS: Familial Hypercholesterolemia Optimal Care in the United States  
Catherine Davis Ahmed  
Pasadena, CA

**Non-Certified Industry Events - Learning Destinations**  
**Session #4006**  
**The Role of Natriuretic Peptides in the Progression of Heart Failure**  
Saturday, March 18, 2017, 3:45 p.m. - 4:45 p.m.  
Expo Hall 1955  
CME Hours: /CNE Hours:

3:45 p.m.  
The Role of Natriuretic Peptides in the Progression of Heart Failure  
John C. Burnett  
Rochester, MN

3:45 p.m.  
The Role of Natriuretic Peptides in the Progression of Heart Failure  
Javier Diez  
Pamplona 31080, Spain

3:45 p.m.  
The Role of Natriuretic Peptides in the Progression of Heart Failure  
Michael R. Zile  
Charleston, SC



### Non-Certified Industry Events - Learning Destinations

#### Session #4014

##### New Clinical Trial Data for Jardiance® (empagliflozin) Tablets

Saturday, March 18, 2017, 3:45 p.m. - 4:45 p.m.

Expo Hall 2255

CME Hours: /CNE Hours:

3:45 p.m.

New Clinical Trial Data for Jardiance® (empagliflozin) Tablets

Pam Taub

Encinitas, CA

### Prevention - Moderated Poster Contributions

#### Session #1261M

##### Innovations in Risk Assessment: Novel Biomarkers and Risk Prediction Tools

Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.

Prevention Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Michael J. Blaha

ACC Poster Moderator: Claudia U. Chae

3:45 p.m.

Association of 10-Year Change in Cardiovascular Risk Factors With

Progression of Pericardial Adipose Tissue: The CARDIA Study

Lane Benes, James Terry, John Carr, David Jacobs, David Goff, Joseph Yeboah,

Amy C. Alman, Jamal Rana, Cheeling Chan, Kiang Liu, Tamar Polonsky,

University of Chicago Medicine, Chicago, IL, USA, Northwestern University

Feinberg School of Medicine, Chicago, IL, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Predictive Values of the Ideal Cardiovascular Health and the Fuster-BEWAT

Scores for Detecting Subclinical Atherosclerosis in Healthy Individuals

Juan Miguel Fernández-Alvira, Stuart Pocock, Antonio Fernández-Ortiz, Borja

Ibañez, Rodrigo Fernández-Jiménez, Javier Sanz, Leticia Fernández-Friera,

Valentin Fuster, Héctor Bueno, Fundación Centro Nacional de Investigaciones

Cardiovasculares Carlos III, Madrid, Spain

4:10 p.m.

Question and Answer

4:15 p.m.

A Novel Biomarker Score for Cardiovascular Risk-Reclassification: Primary

ASCVD Prevention in the Intermediate-Risk Population

Emmanuel Akintoye, Alexandros Briasoulis, Luis Afonso, Wayne State

University/Detroit Medical Center, Detroit, MI, USA

4:25 p.m.

Question and Answer

### Special - Moderated Poster Contributions

#### Session #1268M

##### FIT Clinical Decision Making: Acute Coronary Syndrome and Vascular Medicine

Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.

Spotlight on Special Categories Moderated Poster Theater, Poster

Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Anthony Hilliard

ACC Poster Moderator: Stephen R. Ramee

3:45 p.m.

Takayasu Arteritis Presenting as Syncope and "Pseudo-Hypotension" in a

Young Caucasian Woman

Nirmanmoh Bhatia, David McNeely, Timothy Hegeman, Ken Monahan, Lisa  
Mendes, Vanderbilt University Medical Center, Nashville, TN, USA

3:55 p.m.

Question and Answer

4:00 p.m.

"Balanced Ischemia" on ECG in Dual Territory STEMI

Iswaree Balakrishnan, Chee Yang Chin, Louis Teo, Boon Yew Tan, Khung

Keong Yeo, National Heart Centre, Singapore, Singapore

4:10 p.m.

Question and Answer

4:15 p.m.

Use of Ultrasound Assisted Catheter Directed Thrombolysis in Treatment of  
Aortic Thrombi

Ahmed Rashed, Wah Htun, Mohamed Shokr, Theodore Schreiber, Wayne

State University/Detroit Medical Center, Detroit, MI, USA

4:25 p.m.

Question and Answer

### Valvular Heart Disease - Moderated Poster Contributions

#### Session #1260M

##### Prosthetic Valve Thrombosis: TAVR, Bio, Mech... Now What?!

Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.

Valvular Heart Disease Moderated Poster Theater, Poster Hall, Hall  
C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Monique A. Freund

ACC Poster Moderator: Isaac George

3:45 p.m.

Outcome of Anticoagulation Therapy for Bioprosthetic Valve Thrombosis: A  
Prospective Study

Alexander C. Egbe, Heidi Connolly, Patricia Pellikka, Vuyisile Nkomo, Sorin

Pislaru, Mayo Clinic, Rochester, MN, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Incidence of Valve Leaflet Thrombosis in Transcatheter and Surgical

Bioprosthetic Aortic Valves by 4D CT Imaging

Elizabeth Mary Holper, Kathryn Hebel, Deepika Gopal, William Brinkman,

Molly Szerlip, Cecile Mahoney, David Brown, Paul Grayburn, Michael Mack,

Ambarish Gopal, The Heart Hospital Baylor Plano, Plano, TX, USA, Baylor

Research Institute, Plano, TX, USA

4:10 p.m.

Question and Answer

4:15 p.m.

Poor Outcome of Thrombolysis in Right-Sided Mechanical Valve Thrombosis:

Largest Single Center Experience

Kashish Goel, William Miranda, Abdallah El Sabbagh, Rick Nishimura, Mayo

Clinic, Rochester, MN, USA

4:25 p.m.

Question and Answer



### Vascular Medicine - Moderated Poster Contributions

#### Session #1267M

#### Advancing Our Understanding of Aortic Disease

Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.

Vascular Medicine Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Alan C. Braverman

ACC Poster Moderator: James B. Froehlich

3:45 p.m.

Risk Factors Associated With Early- Versus Late-Accelerated Growth Patterns in Patients With Abdominal Aortic Aneurysm

Zi Ye, Xiao Fan, Iftikhar Kullo, Mayo Clinic, Rochester, MN, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Clinical and Pathologic Findings of Aortic Dissection at Autopsy: Review of 338 Cases Over 6 Decades

Nick Huynh, Sarah Thordsen, Shannon Mackey-Bojack, Taylor Thomas, Emily Duncanson, Darlington Nwaudo, Ross Garberich, Kevin Harris, Minneapolis Heart Institute, Minneapolis, MN, USA

4:10 p.m.

Question and Answer

4:15 p.m.

Intracranial Aneurysms in Patients With Bicuspid Aortic Valve: Prevalence and Predictors of Occurrence

Alexander C. Egbe, Ratnasari Padang, Heidi Connolly, Mayo Clinic, Rochester, MN, USA

4:25 p.m.

Question and Answer

### Special - Events and Meetings

#### Session #5013

#### Geriatric Cardiology Section: Early Career Scholars

Saturday, March 18, 2017, 4 p.m. - 6 p.m.

Marriott Marquis, Marquis Ballroom Salon 8

CME Hours: /CNE Hours:

4:00 p.m.

Geriatric Cardiology Section: Early Career Scholars

### Acute and Stable Ischemic Heart Disease - Scientific

#### Session #711

#### Cardiovascular Procedures That Push the Line: High-Risk or Futility of Care?

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 147 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Karen Alexander

Co-Chair: Adam Skolnick

Panelist: Sarah Clarke Kingdom

Panelist: Ellen Hummel

Panelist: Jonathan Afilalo

Panelist: Philip Green

Panelist: Sarah Schettle

Panelist: Susan Jane Ziemann

4:45 p.m.

Procedural Concerns in Patients with Cognitive Impairment

Susan Ziemann

Bethesda, MD

4:55 p.m.

Panel discussion/Audience Question and Answer

5:03 p.m.

High Risk Vs. Futility in Mechanical Support Devices (LVAD, ECMO, IABP)

Sarah Schettle

Rochester, MN

5:13 p.m.

Panel discussion/Audience Question and Answer

5:21 p.m.

High Risk vs. Futility in Revascularization (PCI/CABG)

Philip Green

Teaneck, NJ

5:31 p.m.

Panel discussion/Audience Question and Answer

5:39 p.m.

High Risk vs. Futility in Valvular procedures (TAVR/Mitraclip)

Jonathan Afilalo

Montreal, Canada

5:49 p.m.

Panel discussion/Audience Question and Answer

### Acute and Stable Ischemic Heart Disease - Scientific

#### Session #712

#### The Fundamentals of ACS Trials—Pitfalls in Cardiovascular Endpoints

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 150 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Stefan James

4:45 p.m.

Rationale for Standardized Definitions - Academic Perspective

Stephen Wiviott

4:51 p.m.

Rationale for Standardized Definitions - Regulatory Perspective

Karen Hicks

Silver Spring, MD

4:57 p.m.

Defining Myocardial Infarction in ACS – Does the Size and Clinical Scenario Really Matter?

Erik Ohman

Durham, NC

5:03 p.m.

Bleeding in ACS Trials – What is the Most Appropriate Definition?

Claes Held

751 85 Uppsala, Sweden

5:09 p.m.

Question and Answer

5:14 p.m.

Composite Endpoints in ACS Trials Should Include Bleeding: Pro

Marco Valgimigli

Switzerland

5:20 p.m.

Composite Endpoints in ACS Trials Should Include Bleeding: Con

Philippe Steg

75018 Paris, France



5:26 p.m.  
Question and Answer

5:32 p.m.  
Surrogate Endpoints Provide no Insight in ACS Trials: Pro  
Kenneth W. Mahaffey  
Stanford, CA

5:38 p.m.  
Surrogate Endpoints Provide no Insight in ACS Trials: Con  
Jean Claude Tardif  
Montreal, Canada

5:44 p.m.  
Question and Answer

5:49 p.m.  
Process Measures like Door-to-Balloon do not matter in 2017: Pro  
Hitinder Gurm  
Ann Arbor, MI

5:55 p.m.  
Process Measures like Door-to-Balloon do not Matter in 2017: Con  
Aaron Kugelmass  
Springfield, MA

### **Congenital Heart Disease - Scientific**

#### **Session #713**

#### **Atrial Fibrillation in Young and Unusual Populations: Children and Adult Congenital Heart Disease**

**Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.**

**Room 146 C**

**CME Hours: 1.25 /CNE Hours: 1.25**

Co-Chair: Sylvia Abadir  
Co-Chair: Charles Berul  
Panelist: Dominic Abrams  
Panelist: Susan P. Etheridge  
Panelist: Bernard J. Gersh  
Panelist: Elizabeth D. Sherwin

4:45 p.m.  
Atrial Fibrillation in the Young Athlete: Who is at Risk and How do We Manage This?  
Elizabeth D. Sherwin  
Washington, DC

4:57 p.m.  
Can we Successfully Ablate Atrial Fibrillation in ACHD?  
Dominic Abrams  
Boston

5:09 p.m.  
Morbidity, Mortality and Treatment of Atrial Fibrillation in Hypertrophic Cardiomyopathy  
Bernard Gersh  
Rochester, MN

5:21 p.m.  
Can We Surgically Cure Atrial Fibrillation in ACHD?  
Thomas MacGillivray  
Houston, TX

5:33 p.m.  
Latest Pharmacological Treatments for Atrial Fibrillation  
William Baker  
CT

5:45 p.m.  
Panel Discussion with Audience Question and Answer

### **Congenital Heart Disease - Scientific**

#### **Session #714**

#### **A Night at the Movies with Some Congenital Heart Surgeons -- How Do They Actually Do That?: Joint Symposium of the American Association for Thoracic Surgeons and the American College of Cardiology**

**Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.**

**Room 209 C**

**CME Hours: 1.25 /CNE Hours: 1.25**

Co-Chair: Robert D. B Jaquiss  
Co-Chair: Kirk Kanter  
Panelist (Panel Discussion I): Emile Bacha  
Panelist (Panel Discussion I): Charles D. Fraser  
Panelist (Panel Discussion I): Christopher J. Petit

4:45 p.m.  
Optimal Management of the Cyanotic Neonatal Tetralogy of Fallot Patient: Neonatal Complete Repair (with Accompanying Surgical Video)  
Emile Bacha  
New York, NY

4:52 p.m.  
Optimal Management of the Cyanotic Neonatal Tetralogy of Fallot Patient: Neonatal shunt, to be Followed by Subsequent Repair (with Accompanying Surgical Video)  
Charles D. Fraser  
Houston, TX

4:59 p.m.  
Optimal Management of the Cyanotic Neonatal Tetralogy of Fallot Patient: Neonatal stent/Catheter-Based Palliation, to be Followed by Subsequent Repair (with Accompanying Surgical Video)  
Christopher J. Petit  
Atlanta, GA

5:06 p.m.  
Panel Discussion with Audience Question and Answer I

Panelist (Panel Discussion II): John E. Mayer  
Panelist (Panel Discussion II): Kirk Kanter  
Panelist (Panel Discussion II): Carl L. Backer

5:22 p.m.  
Optimal Management of the Complete Atrioventricular Canal Patient: "Traditional" One-Patch Repair (with Division of the Superior Bridging Leaflet) (with Accompanying Surgical Video)  
John E. Mayer  
Boston, MA

5:29 p.m.  
Optimal Management of the Complete Atrioventricular Canal Patient: Two-Patch Repair (with Accompanying Surgical Video)  
Kirk Kanter  
Atlanta, GA

5:36 p.m.  
Optimal Management of the Complete Atrioventricular Canal Patient: "Australian" One Patch Repair (with Direct Obliteration of the VSD, without Patch) (with Accompanying Surgical Video)  
Carl L. Backer  
Chicago, IL

5:43 p.m.  
Panel Discussion with Audience Question and Answer II



### Heart Failure and Cardiomyopathies - Scientific Session #715

#### Cardiogenic Shock: Drugs to Devices

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 144 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Christian Bermudez

Co-Chair: Marwa Sabe

Panelist: Larry A. Allen

Panelist: Tara Hrobowski

Panelist: Simon Maltais

Panelist: Francis D. Pagani

Panelist: Barbara Pisani

4:45 p.m.

Treating Cardiogenic Shock: Challenging Cases and Complications

Tara Hrobowski

Atlanta, GA

4:57 p.m.

Hemodynamic Monitoring and Drug Therapy for Cardiogenic Shock

Barbara Pisani

Winston Salem, NC

5:09 p.m.

Short-Term Mechanical Support in Cardiogenic Shock....So Many Devices

Simon Maltais

Nashville, TN

5:21 p.m.

What a Cardiologist Needs to Know About ECMO

Francis Pagani

Ann Arbor, MI

5:33 p.m.

Prolonging the Inevitable: Incorporating Palliative Care Earlier in the Dying Process

Larry A. Allen

Aurora, CO

5:45 p.m.

Cardiogenic Shock: Drugs to Devices ( Question and Answer)

### Heart Failure and Cardiomyopathies - Scientific

#### Session #716

#### Pregnancy and Heart Disease

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 146 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Michael Givertz

Co-Chair: Sharon Rubin

Panelist: Zoltan Arany

Panelist: Katherine Arendt

Panelist: Ananth Karumanchi

Panelist: Lisa D. Levine

Panelist: Dennis M. McNamara

Panelist: Ayan R. Patel

5:15 p.m.

Valvular Heart Disease in Pregnancy

Ayan R. Patel

Boston, MA

4:45 p.m.

Pre-emclampsia - Short and Long Term Cardiovascular Risks

Ananth Karumanchi

Boston, MA

4:55 p.m.

Peripartum Cardiomyopathy – Genetic Basis

Zoltan Arany

Merion Station, PA

5:05 p.m.

Peripartum Cardiomyopathy – Long term Outcomes and Management Options

Dennis McNamara

Pittsburgh, PA

5:25 p.m.

Cardiovascular Emergencies in Pregnancy

Katherine Arendt

Rochester, MN

5:35 p.m.

Cardiovascular Disease in Pregnancy: The Obstetrician's Perspective

Lisa D. Levine

Philadelphia, PA

5:45 p.m.

Case Based Panel Discussion

### Interventional Cardiology - Live Cases

#### Session #205

#### Interventional Live Case Session VI: Bioresorbable Scaffolds and Imaging from St. Vincent Hospital (Indianapolis, IN)

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Hall D (Main Tent)

CME Hours: 1.25 /CNE Hours: 1.25

4:45 p.m.

Live Case Operator

James Bernard Hermiller

Indianapolis, IN

Co-Chair: Antonio Colombo

Co-Chair: Alexandre Abizaid

Panelist: Dean J. Kereiakes

Panelist: Stephen G. Ellis

Panelist: Jean-Francois Tanguay

Panelist: David Alan Cox

Panelist: Mauricio G. Cohen

Panelist: Jose Wiley

### Interventional Cardiology - Scientific

#### Session #720

#### Coronary Physiology and Microcirculation

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 201

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Javier Escaned

Co-Chair: William Fearon

Panelist: William Fuller Fearon

Panelist: Allen Jeremias

Panelist: Habib Samady

Panelist: Bruce A. Samuels

4:45 p.m.

Does the Interventional Cardiologist Have to be Concerned with the Microcirculation?

Javier Escaned

Madrid, Spain

4:53 p.m.

Is Endothelial Function and Vasospasm Assessment Relevant in 2017?

Habib Samady

Atlanta, GA





5:01 p.m.

Case Presentation: Step by Step Description of Coronary Reactivity Testing in the Cath Lab

Bruce A. Samuels  
Los Angeles, CA

5:06 p.m.

Are FFR/iFR Valid in the Infarct Bed in Acute NSTEMI and STEMI?

Sayan Sen  
London, United Kingdom

5:14 p.m.

Is FFR/iFR Useful in the Assessment of the Non-Infarct Bed in Acute NSTEMI and STEMI

Prashant Kaul  
NC

5:22 p.m.

Case Presentation: Physiology Measurements in STEMI- Clinical Examples

Zaher Fanari  
Springfield, IL

5:27 p.m.

Novel Physiologic Indices to Predict Functional Recovery During STEMI

Rajesh Kharbanda  
Oxford, United Kingdom

5:35 p.m.

When FFR and iFR Disagree - Is Measuring Flow the Answer?

Allen Jeremias  
Huntington, NY

5:43 p.m.

Case Presentation: Simultaneous Pressure and Flow Measurements

Sukhjinder S. Nijjer  
Ruislip, United Kingdom

5:48 p.m.

Panel Discussion with Question and Answer

### Interventional Cardiology - Scientific

#### Session #721

#### Challenging PCI: Tips and Tricks from the Experts

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 202 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Carlo Briguori

Co-Chair: Cindy L. Grines

4:45 p.m.

Case Presentation: Wiring Angulated Side Branches and Crushed Stents

David Gerard Rizik

4:50 p.m.

Case Discussion with Question and Answer

5:00 p.m.

Case Presentation: Undilatable and Calcified Lesions

William W. O'Neill  
Detroit, MI

5:05 p.m.

Case Discussion with Question and Answer

5:15 p.m.

Case Presentation: Proximal Tortuosity, Difficulty Delivering Stent

Carlo Briguori  
Naples, Italy

5:20 p.m.

Case Discussion with Question and Answer

5:30 p.m.

Case Presentation: Catheter Induced Spiral Dissection with Abrupt Closure

Annapoorna Subhash Kini  
New York, NY

5:35 p.m.

Case Discussion with Question and Answer

5:45 p.m.

Case Presentation: Challenging Radial PCI

Jennifer Tremmel  
Redwood City, CA

5:50 p.m.

Case Discussion with Question and Answer

### Interventional Cardiology - Scientific

#### Session #722

#### Mechanical Support, Hemodynamic Support for Shock in High Risk Subsets; Hemodynamic Compromise

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 206

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Deepak Bhatt

Co-Chair: Roxana Mehran

Panelist: Hari Reddy Mallidi

Panelist: David A. Morrow

Panelist: Holger Thiele

Panelist: George W. Vetrovec

Panelist: Robert W. Yeh

4:45 p.m.

Case Presentation: Management of the Right Ventricular Support

Sandeep Nathan  
Chicago, IL

4:50 p.m.

Question and Answer

5:00 p.m.

IMPELLA and Tandem Heart

Robert W. Yeh  
Boston, MA

5:10 p.m.

Balloon Pump

Holger Thiele  
Lubeck, Germany

5:20 p.m.

ECMO

Hari Reddy Mallidi  
Boston, MA

5:30 p.m.

Hypothermia and Out of Hospital Arrest

David A. Morrow  
Boston, MA

5:40 p.m.

Panel Discussion

5:50 p.m.

Question and Answer



### Interventional Cardiology - Scientific

#### Session #723

##### Transcatheter Mitral Valve Repair

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 207 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Jason Rogers

Co-Chair: Gregg W. Stone

4:45 p.m.

Essential Echocardiographic Imaging for Mitral Regurgitation

Thomas Smith

4:52 p.m.

MitraClip: Current Data Overview

Gregg W. Stone

New York, NY

5:02 p.m.

Transseptal Puncture for MitraClip: Starting Right

Paul Sorajja

Minneapolis, MN

5:09 p.m.

Optimizing Clip Alignment for Grasping

Jason Rogers

Sacramento, CA

5:16 p.m.

Multi-Clip Strategies

Saibal Kar

Los Angeles, CA

5:23 p.m.

MitraClip Case Example: Functional MR

Brian K. Whisenant

Salt Lake City, UT

5:28 p.m.

NeoChord Chordal Replacement: Case and Overview

Michael Borger

New York, NY

5:33 p.m.

Harpoon Chordal Replacement: Case and Overview

Krzysztof Bartus

Krakowska, Poland

5:38 p.m.

Transcatheter Direct Annuloplasty: Current Update

Howard C. Herrmann

Philadelphia, PA

5:45 p.m.

Question and Answer

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific

#### Session #717

##### Role of Imaging in Peripheral Artery Disease

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 140 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Christopher Kramer

Co-Chair: Albert Sinusas

4:45 p.m.

Ultrasound Imaging in PAD

Jonathan Lindner

5:00 p.m.

Application of CT Imaging for PAD

Sanjay Rajagopalan

Baltimore, MD

5:15 p.m.

Role of Contrast and Non-Contrast MR in PAD

Subha Raman

Columbus, OH

5:30 p.m.

Radiotracer Imaging for PAD

Mitchel Stacy

New Haven, CT

5:45 p.m.

Question and Answer

### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific

#### Session #718

##### Clinical Utility of Cardiac CT in 2017: Joint Symposium of the Society of Cardiovascular Computed Tomography and the American College of Cardiology

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 146 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Jonathon Leipsic

Co-Chair: James K. Min

4:45 p.m.

Risk Stratification of the asymptomatic patient with CACS

Leslee J. Shaw

4:55 p.m.

Coronary CTA Angiography enables therapeutic decision making that reduces hard events- Lessons from Scot-Heart and Promise

Pamela S. Douglas

Durham, NC

5:05 p.m.

Coronary CT in the ED in the setting of HS-Troponins

Koen Nieman

Rotterdam, Netherlands

5:15 p.m.

Risk prediction beyond stenosis- What CT is teaching us about coronary atherosclerosis

James K. Min

New York, NY

5:25 p.m.

Improving outcomes in transcatheter valvular therapies with MDCT

Jonathon Leipsic

Vancouver, BC

5:35 p.m.

Changing practice with non-invasive FFRCT- The Danish Experience

Bjarne Norgaard

Aarhus, Denmark

5:45 p.m.

Question and Answer



### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific

#### Session #719

##### Imaging of Myocardial Blood Flow: A Multimodality Approach

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 147 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: W. Gregory Hundley

Co-Chair: Thomas Schindler

4:45 p.m.

Echocardiographic Measurement of Myocardial Blood Flow  
Sanjiv Kaul

4:57 p.m.

Measuring flow with Cardiac MRI: Ready for Prime Time  
Michael Jerosch-Herold  
Boston, MA

5:09 p.m.

CT Assessment of MBF: Not Just a Research Tool Anymore  
Ron Blankstein  
Boston, MA

5:21 p.m.

SPECT Myocardial Blood: an Emerging Modality  
Terrence Ruddy  
Ottawa, Canada

5:33 p.m.

PET Myocardial Blood Flow Quantification: The Gold Standard  
Venkatesh Murthy  
Ann Arbor, MI

5:45 p.m.

Question and Answer

### Prevention - International

#### Session #524

##### Who Should Benefit From Preventive Cardiology?: International Perspectives From the European Society of Cardiology and the American College of Cardiology

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 145 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Richard A. Chazal

Co-Chair: Barbara Casadei

4:45 p.m.

Strategies and Risk Estimation  
Ian Graham  
Dublin, Ireland

5:00 p.m.

Role of Biomarkers and Imaging in CVD Prevention  
Michael D. Shapiro  
Portland, OR

5:15 p.m.

Women: Any Specific Conditions?  
Eva Prescott  
Copenhagen, Denmark

5:30 p.m.

Update on the Management of Dyslipidemia  
Pamela B. Morris  
Charleston, SC

5:45 p.m.

Discussion

### Prevention - Scientific

#### Session #725

##### Preventing ASCVD in Diabetes: Are These New Drugs for Real?

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 152 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Alison Bailey

Co-Chair: Jorge Plutzky

4:45 p.m.

TZDs and CV Risk: Time for a Reappraisal?  
Dennis Bruemmer

4:55 p.m.

SGLT 2 Inhibitors: Lessons Learned from EMPA-REG  
Silvio Inzucchi  
Stratford, CT

5:05 p.m.

GLP-1 Agonists: Lessons Learned from LEADER  
Marc Pfeffer  
Boston, MA

5:15 p.m.

Translating Trials into Practice: How Should the New Evidence Affect Treatment Guidelines?  
Jorge Plutzky  
Boston, MA

5:35 p.m.

Question and Answer

### Special - Symposium

#### Session #110

##### Cardiovascular Update for the Clinician V: Valvular Heart Disease, IHSS and Aorta — 2017 (A Symposium by Valentin Fuster)

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Ballroom A

CME Hours: 1.25 /CNE Hours: 1.25

Chair: Valentin Fuster

Panelist: Robert O. Bonow

Panelist: Martin B. Leon

Panelist: Barry J. Maron

Panelist: Patrick T. O'Gara

4:45 p.m.

Asymptomatic Aortic Valvular Stenosis Diagnostic Approaches and Therapeutic Strategies (LF, LG, LEF)  
Robert O. Bonow  
Chicago, IL

4:58 p.m.

Symptomatic Severe Aortic Valvular Stenosis TAVR in Patients at High, Moderate or Low Risk  
Martin B. Leon  
New York, NY

5:11 p.m.

Primary Versus Secondary Mitral Regurgitation From Surgical Therapy to TMVR  
Patrick T. O'Gara  
Boston, MA



5:24 p.m.  
Hypertrophic Cardiomyopathy Genetics, Natural History and Evolving Management  
Barry J. Maron  
Boston, MA

5:37 p.m.  
The Dilated Thoracic and Abdominal Aorta. Complicating Dissection/Rupture and Management  
Valentin Fuster  
New York, NY

5:50 p.m.  
Panel Discussion/Audience Question and Answer

### Special - Scientific

#### Session #724

#### Mentoring the Care Team: FITs, Early Career Professionals and CV Team Members

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.  
Room 145 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Michael W. Cullen  
Co-Chair: Edward T. Fry

4:45 p.m.  
Mentoring the Early Career Professional: Integrated Health Care System  
Evan Ownby

5:00 p.m.  
Mentoring the Early Career Professional in Academic Practice  
Andrew M. Kates  
Saint Louis, MO

5:15 p.m.  
Mentoring the Early Career Professional: Cardiovascular Team Member  
Cathleen D. Biga  
Woodridge, IL

5:30 p.m.  
Mentoring the Early Career Professional - Administrative Opportunities  
Marc E. Shelton  
Springfield, IL

5:45 p.m.  
Mentoring the Early Career Professional: Leadership Skills  
Robert A. Shor  
Reston, VA

### Special - Core Curriculum

#### Session #814

#### Core Curriculum: Special Topic: Practical Tips: Changes in Healthcare Affecting My Practice

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.  
Room 151 A  
CME Hours: 1.25 /CNE Hours: 1.25

Chair: C. Michael Valentine

4:45 p.m.  
Nuts and Bolts of MACRA  
Paul N. Casale  
New York, NY

5:05 p.m.  
Practical Tips: Incorporating Quality Both Inpatient and Outpatient  
Eric D. Peterson  
Chapel Hill, NC

5:25 p.m.  
Practical Tips: Documenting/Coding with MACRA  
Linda Gates  
Indianapolis, IN

5:45 p.m.  
Question and Answer

### Special - Events and Meetings

#### Session #5014

WIC Section Meeting and Speed Mentoring  
Saturday, March 18, 2017, 4:45 p.m. - 6:15 p.m.  
Marriott Marquis, Marquis Ballroom Salon 7  
CME Hours: /CNE Hours:

4:45 p.m.  
WIC Section Meeting and Speed Mentoring

### Valvular Heart Disease - Scientific

#### Session #726

#### Town Hall Meeting: Pitfalls of Assessing Valvular Heart Disease Severity

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.  
Room 143 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Raphael Rosenhek  
Co-Chair: William Zoghbi

4:45 p.m.  
Case: Asymptomatic Degenerative Mitral Regurgitation  
Patric Biaggi

4:50 p.m.  
Discussion Leader  
Christina M. Vassileva  
Charleston, SC

5:00 p.m.  
Case: Is 2+ Functional Regurgitation Severe?  
Sorin Pislaru  
Rochester, MN

5:05 p.m.  
Discussion Leader  
Judy Hung  
Boston, MA

5:15 p.m.  
Case: Degenerative Mitral Stenosis  
John P. Erwin, III  
Temple, TX

5:20 p.m.  
Discussion Leader  
Paul Grayburn  
Dallas, TX

5:30 p.m.  
Case: Low Flow Aortic Stenosis: Real or Pseudo  
Abdellaziz Dahou  
Quebec, Canada

5:35 p.m.  
Discussion Leader  
Paul A. Grayburn  
Dallas, TX

5:45 p.m.  
Case: Valvular Pathology and HOCM



Robert Kim  
New York, NY

5:50 p.m.  
Discussion Leader  
Linda Gillam  
Morristown, NJ

### Valvular Heart Disease - Scientific

#### Session #727

#### Aortic Stenosis: Overview of the Hemodynamics and Ventricular Response

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 204 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Brian Lindman  
Co-Chair: Catherine Otto  
Panelist: Rebecca T. Hahn  
Panelist: Hans Nesser

4:45 p.m.  
Genetics and Biology of Aortic Stenosis  
Eva Gerdtz  
Bergen, Norway

4:52 p.m.  
Case: Low Flow Low Gradient AS  
Sammy Elmariah  
Boston, MA

4:59 p.m.  
Severe Aortic Stenosis in the Guidelines: the Confusing D Subgroups  
Marie-Annick Clavel  
Quebec, Canada

5:06 p.m.  
Discussion

5:13 p.m.  
Expanding the Diagnostic Toolbox for Aortic Stenosis  
Joao L. Cavalcante  
Pittsburgh, PA

5:19 p.m.  
Case: Moderate Aortic Stenosis with Reduced EF  
Geraldine Ong  
New York, NY

5:26 p.m.  
The Ventricular-Valvular-Arterial Relationship  
Hans Nesser  
Linz, Austria

5:33 p.m.  
The Expanding Indications for TAVR  
Nicolas Van Mieghem  
Rotterdam, Netherlands

5:40 p.m.  
Asymptomatic Aortic Stenosis: Is Watchful Waiting the Answer?  
Philippe Genereux  
New York, NY

5:47 p.m.  
Discussion

### Heart Failure and Cardiomyopathies - Clinical Focus

#### Session #1603

#### Next Steps to Optimal Medical Therapy for Heart Failure Patients

Saturday, March 18, 2017, 6 p.m. - 8:30 p.m.

Ballroom B

CME Hours: /CNE Hours:

6:00 p.m.  
Dinner

Chair: Clyde W. Yancy

6:30 p.m.  
Introduction to Session and ARS Technology: CME Done Differently  
Clyde W. Yancy  
Chicago, IL

6:40 p.m.  
Review the Current Landscape  
Akshay S. Desai  
Boston, MA

7:00 p.m.  
Heart Failure Case Challenges  
Larry A. Allen  
Aurora, CO

7:00 p.m.  
Heart Failure Case Challenges  
Biykem Bozkurt  
Houston, TX

8:00 p.m.  
Panel Discussion: Practical Approaches to Guideline-driven Heart Failure Care

8:25 p.m.  
Concluding Remarks  
Clyde W. Yancy  
Chicago, IL

### Non-Certified Industry Events

#### Session #4504

#### Treatment Options for Managing NVAf Stroke Risk: Where Does LAAC Fit In?

Saturday, March 18, 2017, 6 p.m. - 8 p.m.

Marriott Marquis, Liberty Ballroom IJKL

CME Hours: /CNE Hours:

6:00 p.m.  
Treatment Options for Managing NVAf Stroke Risk: Where Does LAAC Fit In?  
Jackie Joyner-Kersey  
East Saint Louis, IL

6:00 p.m.  
Treatment Options for Managing NVAf Stroke Risk: Where Does LAAC Fit In?  
A. John Camm  
London, United Kingdom

6:00 p.m.  
Treatment Options for Managing NVAf Stroke Risk: Where Does LAAC Fit In?  
Saibal Kar  
Los Angeles, CA

6:00 p.m.  
Treatment Options for Managing NVAf Stroke Risk: Where Does LAAC Fit In?  
Vivek Yerrapu Reddy  
New York, NY

6:00 p.m.  
Treatment Options for Managing NVAf Stroke Risk: Where Does LAAC Fit In?





Adam Rosenbluth  
New York, NY

### Prevention - Clinical Focus

#### Session #1604

#### Breakthrough Therapies: Your Role in Protecting the Heart of Your Patients with Diabetes

Saturday, March 18, 2017, 6 p.m. - 8:30 p.m.

Ballroom C

CME Hours: /CNE Hours:

6:00 p.m.

Dinner

Chair: Christopher P. Cannon

6:30 p.m.

Clinical Facilitator

Karol E. Watson

Los Angeles, CA

6:30 p.m.

Introduction to Session and ARS Technology: CME Done Differently

Christopher P. Cannon

Boston, MA

6:40 p.m.

Breakthrough Therapies: Glycemic Management and Cardiovascular Disease

Jorge Plutzky

Boston, MA

7:10 p.m.

Deciphering the Findings: The Latest Clinical Trials and Evidence in CVD and Diabetes

Benjamin M. Scirica

Boston, MA

7:40 p.m.

Preventing ASCVD in Diabetes: Are These New Drugs for Real?

Prakash C. Deedwania

Fresno, CA

8:10 p.m.

Pragmatic Conversations: Your Role in Protecting the Heart - Panel Debate

Christopher P. Cannon

Boston, MA

8:10 p.m.

Pragmatic Conversations: Your Role in Protecting the Heart - Panel Debate

Prakash C. Deedwania

Fresno, CA

8:10 p.m.

Pragmatic Conversations: Your Role in Protecting the Heart - Panel Debate

Jorge Plutzky

Boston, MA

8:10 p.m.

Pragmatic Conversations: Your Role in Protecting the Heart - Panel Debate

Karol E. Watson

Los Angeles, CA

8:25 p.m.

Concluding Remarks

Christopher P. Cannon

Boston, MA

### Special - Events and Meetings

#### Session #5015

#### All Sections Reception

Saturday, March 18, 2017, 6 p.m. - 7:30 p.m.

Marriott Marquis, Marquis Ballroom Salon 5

CME Hours: /CNE Hours:

6:00 p.m.

All Sections Reception

### Special - Events and Meetings

#### Session #5016

#### NCDR Management Board Reception

Saturday, March 18, 2017, 6:30 p.m. - 8 p.m.

Marriott Marquis, Marquis Ballroom Salon 2

CME Hours: /CNE Hours:

6:30 p.m.

NCDR Management Board Reception