



#### Acute and Stable Ischemic Heart Disease - Scientific Session #600

##### Clinical Challenges in the Cardiac Care Unit (CCU)

Friday, March 17, 2017, 8 a.m. - 9:30 a.m.

Room 150 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Michael Hudson  
Co-Chair: Joseph Parrillo  
Panelist: Michelle Nickolaus  
Panelist: Mark Webster Zealand

8:00 a.m.  
Update in Neuroprognostication Following Out-of-hospital Cardiac Arrest  
Benjamin Abella  
Philadelphia, PA

8:10 a.m.  
Panel/Audience Discussion

8:15 a.m.  
Management of Mechanical Circulatory Support Devices in the CCU  
Holger Thiele  
Germany

8:25 a.m.  
Panel/Audience Discussion

8:30 a.m.  
Management of Right Ventricular Failure in the CCU  
Mandeep Mehra  
Boston, MA

8:40 a.m.  
Panel/Audience Discussion

8:45 a.m.  
Takotsubo Cardiomyopathy: I am Seeing it Everywhere!  
Benjamin Scirica  
Boston, MA

8:55 a.m.  
Panel/Audience Discussion

9:00 a.m.  
There's More Than the Heart in the CCU  
Venu Menon  
Cleveland, OH

9:10 a.m.  
Panel/Audience Discussion

9:15 a.m.  
Management of Cardiac Arrhythmias in the CCU  
William Stevenson  
Boston, MA

9:25 a.m.  
Panel/Audience Discussion

#### Congenital Heart Disease - Scientific Session #601

##### Post-Surgical Care of Children with CHD: From ICU to Your Office

Friday, March 17, 2017, 8 a.m. - 9:30 a.m.

Room 146 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Lisa Kohr  
Co-Chair: Steven Schwartz

8:00 a.m.  
Nutrition Management, What's the Cardiologist Supposed to Do?  
David Hehir

8:15 a.m.  
Debate: Sedation Following Infant Cardiac Surgery: We're Not Doing Enough (Pro)  
Ricardo A. Munoz  
Pittsburgh, PA

8:30 a.m.  
Debate: Sedation Following Infant Cardiac Surgery: Less is More (Con)  
Michael Gaies  
Ann Arbor, MI

8:45 a.m.  
Interviewee: Neurodevelopmental Care  
Gil Wernovsky  
Miami, FL

8:45 a.m.  
Interviewer: An Interview with Dr. Gil Wernovsky  
William Mahle  
Atlanta, GA

9:10 a.m.  
Question and Answer

#### Congenital Heart Disease - Self-Assessment Session #800

##### Test Yourself with Questions: Pediatric Cardiology

Friday, March 17, 2017, 8 a.m. - 9:30 a.m.

Room 147 A

CME Hours: 1.5 /CNE Hours:

Co-Chair: Timothy Feltes

8:00 a.m.  
Faculty  
Bryan C. Cannon

8:00 a.m.  
Faculty  
Stephen F. Kaine  
Kan, MO

8:00 a.m.  
Faculty  
Susan P. Etheridge  
Salt Lake City, UT

8:00 a.m.  
Faculty  
Daphne T. Hsu  
Bronx, NY

#### Heart Failure and Cardiomyopathies - International Session #510

##### Heart Failure: From Pathophysiology to Socio-Economic Impact: International Perspectives From the Lebanese Cardiac Society, Taiwan Society of Cardiology, and American College of Cardiology

Friday, March 17, 2017, 8 a.m. - 9:30 a.m.

Room 145 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Patrick T. O'Gara  
Co-Chair: Ghassan Kiwan  
Co-Chair: Kou-Gi Shyu



8:00 a.m.  
Introduction to Session  
Patrick T. O'Gara

8:05 a.m.  
Ventricular Assist Device for Heart Failure: The Lebanese Experience  
Georges A. Saade  
Beirut, Lebanon

8:16 a.m.  
Diagnostic and Prognostic Value of Metabolomics in Heart Failure  
Chao-Hung Wang  
Keelung, Taiwan

8:27 a.m.  
Heart Failure: The Path Ahead  
Joseph A. Hill  
Dallas, TX

8:38 a.m.  
Acute Systolic Heart Failure Registry in Taiwan  
Chun-Chieh Wang  
Taipei, Taiwan

8:49 a.m.  
The Economic Impact of Heart Failure on the Lebanese Healthcare System  
Samer Kabbani  
Beirut, Lebanon

9:00 a.m.  
Discussion

**Interventional Cardiology - Scientific  
Session #602**  
**Aorto-iliac Disease and Treatment: Practice at "The Edge" in  
Peripheral Intervention**  
Friday, March 17, 2017, 8 a.m. - 9:30 a.m.  
Room 206  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: J. Dawn Abbott  
Co-Chair: Andrew J. Klein

8:00 a.m.  
Aorto-iliac Disease: Is There Any Lesion That Is Too Complex for Endovascular Intervention?  
Riyaz Bashir

8:15 a.m.  
Case Presentation: My Most Challenging Aorto-iliac Intervention of the Year  
Peter Soukas  
Providence, RI

8:20 a.m.  
Case Discussion with Question and Answer

8:30 a.m.  
Reducing Occupational Hazards During Complex Peripheral Intervention  
Kenneth Rosenfield  
Boston, MA

8:45 a.m.  
All Hands on Deck: How to Prevent or Manage Complications of Aorto-iliac Intervention  
W. Schuyler Jones  
Chapel Hill, NC

9:00 a.m.  
Debate: Stenosis of the Common Femoral Artery Should Be Treated with Surgery

Lelia Mureebe  
Durham, NC

9:08 a.m.  
Debate: Stenosis of the Common Femoral Artery Is Fair Game for Endovascular Therapy  
Kenneth Rosenfield  
Boston, MA

9:16 a.m.  
Rebuttal: Pro

9:18 a.m.  
Rebuttal: Con

9:20 a.m.  
Question and Answer

**Interventional Cardiology - Scientific  
Session #603**  
**Assuring Quality in the Cath Lab: Documentation, Appropriate Use,  
Peer Review, and Public Reporting**  
Friday, March 17, 2017, 8 a.m. - 9:30 a.m.  
Room 207 A  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Gregory J. Dehmer  
Co-Chair: James E. Tcheng

8:00 a.m.  
The Standardized Cath Report: Let's All Agree on This  
James E. Tcheng

8:12 a.m.  
Appropriate Use: Assuring the Physicians Best Judgement Prevails  
Kalon K. L. Ho  
Boston, MA

8:24 a.m.  
Assessing Quality in Your Lab: Role of Peer Review and Accreditation  
Charles E. Chambers  
Hershey, PA

8:36 a.m.  
Public Reporting Liability versus Accountability: Assuring This Is Done Correctly?  
Karen Joynt  
Boston, MA

8:48 a.m.  
Reducing Radiation Risk: QI San Francisco Experience  
Phillip Moore  
San Francisco, CA

9:00 a.m.  
Debate Pro: Quality Assurance in the Cath Lab, More External Oversight Is Needed  
Ralph G. Brindis  
Oakland, CA

9:07 a.m.  
Debate Con: Quality Assurance in the Cath Lab, More External Oversight Is Needed  
Frederic S. Resnic  
Burlington, MA

9:14 a.m.  
Rebuttal: Pro



9:17 a.m.  
Rebuttal: Con

9:20 a.m.  
Question and Answer

### Prevention - International

#### Session #511

**Emerging CV Problems in the Developing World: International Perspectives From the ACC Bangladesh Chapter, Indonesian Heart Association, and American College of Cardiology**  
Friday, March 17, 2017, 8 a.m. - 9:30 a.m.

Room 145 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert A. Shor  
Co-Chair: Afzalur Rahman  
Co-Chair: Ismoyo Sunu

8:00 a.m.  
Introduction to Session  
Robert A. Shor

8:05 a.m.  
Dyslipidemia and Hypertension and the Impact on CVD  
Anwar Santoso  
Jakarta, Indonesia

8:16 a.m.  
Do Current Lipid Guidelines Apply to "South Asians"?  
Mohammad Nazrul Islam  
Dhaka, Bangladesh

8:27 a.m.  
Nutrition and Lifestyle: The Best (and Cheapest) Way to Better CV Health  
Andrew M. Freeman  
Denver, CO

8:38 a.m.  
Cardiac Rehabilitation in a Tertiary Center Hospital: Lessons From a Developing Country  
Basuni Radi  
Jakarta, Indonesia

8:49 a.m.  
Will Rheumatic Fever and Rheumatic Heart Disease Disappear From Developing Countries Like Bangladesh?  
Abdullah A. s. Majumder  
Dhaka, Bangladesh

9:00 a.m.  
Discussion

### Prevention - Scientific

#### Session #604

**Change is Good! Lifestyle Strategies in the Patient with ASCVD and Diabetes**

Friday, March 17, 2017, 8 a.m. - 9:30 a.m.

Room 209 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Alison Bailey  
Co-Chair: Janet Wei  
Panelist: Stuart Chipkin  
Panelist: Jennifer Mieres  
Panelist: Michael Miller  
Panelist: Steven E. Nissen

8:00 a.m.  
Integrating Culture and Language: Care of the Patient with Diabetes

Jennifer Mieres  
Lake Success, NY

8:15 a.m.  
Nutrition to Lower Triglycerides and Improve Glycemic Control  
Michael Miller  
Baltimore, MD

8:30 a.m.  
Exercise for Glycemic Control: How Much and When?  
Stuart Chipkin  
Amherst, MA

8:45 a.m.  
How Much Weight Loss is Necessary to Improve Glycemic Control?  
Steven Nissen  
Cleveland, OH

9:00 a.m.  
Question and Answer

### Special - Late-Breaking Clinical Trials

#### Session #400

**Opening Session and the Joint American College of Cardiology and Journal of American College of Cardiology Late-Breaking Clinical Trials Featuring the Simon Dack Lecture**

Friday, March 17, 2017, 8 a.m. - 10 a.m.

Hall D (Main Tent)

CME Hours: 1.25 /CNE Hours: 1.25

8:40 a.m.  
ACC.17 Simon Dack Lecture. Values: How the Arts and the Humanities Nurture our Careers and our Lives  
David J. Skorton  
Washington, DC

9:00 a.m.  
JACC/ACC Late-Breaking Clinical Trial Presentations

Chair: Richard A. Chazal  
Co-Chair: Valentin Fuster  
Panelist: David J. Cohen  
Panelist: Neil E. Moat Kingdom  
Panelist: Pamela B. Morris  
Panelist: Jennifer Robinson  
Panelist: Sidney Smith, Jr.

9:00 a.m.  
Primary Results of the Further Cardiovascular Outcomes Research With PCSK9 Inhibition in Subjects With Elevated Risk (FOURIER) Trial  
Marc Steven Sabatine, Robert Giugliano, Anthony Keech, Narimon Honarpour, Scott Wasserman, Peter Sever, Terje Pedersen, TIMI Study Group, Boston, MA, USA

9:12 a.m.  
Panel Discussion

9:20 a.m.  
Safety and Cardiovascular Event Efficacy of Bococizumab Among 27,000 High Risk Patients  
Paul M. Ridker, Jean Claude Tardif, on behalf of the SPIRE Investigators, Brigham and Women's Hospital, Boston, MA, USA

9:32 a.m.  
Panel Discussion

9:40 a.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, on behalf of the SURTAVI investigators, Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

9:52 a.m.  
Panel Discussion

### Special - Scientific Session #605

#### How Hypertrophic Cardiomyopathy Became A Contemporary Treatable Genetic Heart Disease

Friday, March 17, 2017, 8 a.m. - 9:30 a.m.

Room 204 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Martin S. Maron  
Panelist: Michael A. Fifer  
Panelist: Mark S. Link  
Panelist: Matthew W. Martinez  
Panelist: Steve R. Ommen  
Panelist: Christopher Semsarian, Australia  
Panelist: Nicholas G. Smedira

8:00 a.m.  
Case Presentation: Part I  
Ethan Rowin  
Boston, MA

8:08 a.m.  
Panel Discussion

8:25 a.m.  
Question and Answer  
8:30 a.m.

Case Presentation: Part II  
Ethan Rowin  
Boston, MA

8:38 a.m.  
Panel Discussion

8:55 a.m.  
Question and Answer

9:00 a.m.  
Case Presentation: Part III  
Ethan Rowin  
Boston, MA

9:08 a.m.  
Panel Discussion

9:25 a.m.  
Question and Answer

### Special - Self-Assessment Session #801

#### Test Yourself with Questions: General Cardiology Module 14

Friday, March 17, 2017, 8 a.m. - 10:30 a.m.

East Salon C

CME Hours: 2.5 /CNE Hours:

Chair: Julia H. Indik

8:00 a.m.  
Faculty  
Anita Deswal  
Houston, TX

8:00 a.m.  
Faculty

Lisa A. Mendes  
Brentwood, TN

8:00 a.m.  
Faculty  
Terrence Welch  
Hanover, NH

### Congenital Heart Disease - Hands-on Skills Learning Session #1506

#### Personalized Skills Center: Hands-On Simulation - Congenital Heart Disease

Friday, March 17, 2017, 8:30 a.m. - 9:30 a.m.

Personalized Skills Center, East Salon AB

CME Hours: /CNE Hours:

8:30 a.m.  
Congenital Heart Disease  
Anne Marie Valente  
Boston, MA

### Special - Hands-on Skills Learning

#### Session #1500

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

Friday, March 17, 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

8:30 a.m.  
Heart Songs Moderator  
John A. Power  
Pittsburgh, PA

8:30 a.m.  
Heart Songs Moderator  
Juliette Power  
New York, NY

10:00 a.m.  
Heart Songs Moderator  
Lorrel E. Brown  
Louisville, KY

12:00 p.m.  
Heart Songs Moderator  
Christina Dunbar Matos  
Charleston, WV

12:00 p.m.  
Heart Songs Moderator  
Susan K. Nolan  
Charleston, WV

3:00 p.m.  
Heart Songs Moderator  
Courtney Bennett  
Rochester, MN

3:00 p.m.  
Heart Songs Moderator  
Kathy Attieh  
Allentown, PA



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

#### Session #1124

#### Novel Mechanisms Underlying Ischemia-Reperfusion Injury in a.m.I

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

297 - Sphingosine-1 Phosphate Is a Novel Biomarker That Correlates With Stem Cell Mobilization and Clinical Outcomes in Patients With ST-Elevation Myocardial Infarction

Mohammad Mathbout, Ahmed Asfour, Yuri Klyachkin, Himi Tripathi, Ahmed Abdel-Latif, Khaled Ziada, University of Kentucky, Lexington, KY, USA

298 - Fv-Hsp70 Protects Myocardium From Ischemic/Reperfusion Injury  
Takehiro Nakahara, Takashi Tanimoto, Missag H. Parseghian, Hideki Kawai, Navneet Narula, Dongbin Kim, Robert Nishimura, Richard H. Weisbart, Grace Chan, Richard A. Richieri, Nezam Haider, Glenn T. Reynolds, John Billimek, Francis G. Blankenberg, Artiom D. Petrov, Partho Sengupta, Takashi Akasaka, Harry Strauss, Jagat Narula, Icahn School of Medicine at Mount Sinai, New York, NY, USA

299 - PGC1 Beta Variants and Physical Activity: Of Mice and Men  
Mirnela Byku, Petra Lenzini, Sharon Cresci, Washington University in St. Louis, St. Louis, MO, USA

300 - Non-Platelet Thromboxane Generation Is an Independent Predictor of Late-Term Mortality After Coronary Artery Bypass Graft Surgery

Nikolaos Kakouros, Tyler Gluckman, Bruce Barton, Thomas S. Kickler, Jeffrey Rade, University of Massachusetts Medical School, Worcester, MA, USA, Johns Hopkins Medical School, Baltimore, MD, USA

301 - A Ticagrelor Loading Results in Increased Plasma S-Nitrosothiols Formation Acutely in Patients With Stable Angina Undergoing Pci but Not on Chronic Therapy: Possible Evidence of an Acute Pleiotropic Effect

Fairoz Belary Abdul, Richard Anderson, Laurence Thornhill, Keith Morris, Phillip E. James, University Hospital of Wales, Cardiff, United Kingdom

302 - Activating Stimuli Modulate Pre-mRNA Maturation in Platelets: A Novel Mechanism That Regulates Platelet Function?

Giovanni Cimmino, Roberta Tarallo, Giovanni Nassa, Giorgio Giurato, Stefano Conte, grazia pellegrino, Giuseppina Bruno, Francesca Rizzo, Luca Ricciardi, Annamaria Salvati, Giovanna Marchese, Plinio Cirillo, Alessandro Weisz, Paolo Golino, Department of Cardiothoracic and Respiratory Sciences, Second University of Naples, Naples, Italy, Laboratory of Molecular Medicine and Genomics, Department of Medicine, University of Salerno, Baronissi, Italy

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

#### Session #1125

#### Updates in Stable Ischemic Heart Disease

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

303 - Beta Blocker Post ACS in Patients With Preserved Left Ventricular Systolic Function

Ahmed Abdi Ali, Robert Miller, Stephen Wilton, James White, University of Calgary, Calgary, Canada

304 - The Close Relationship Between Drug Intolerance and Major Cardiac and Cerebrovascular Events After an Acute Coronary Syndrome or Coronary Revascularization

Sara Doimo, Stefano Albani, Alessandro Altinier, Patrizia Maras, Giulia Barbati, Gianfranco Sinagra, Cardiovascular Department, Univeristy Hospital "Ospedali Riuniti", Trieste, Italy

305 - Predictors of Long-Term Resource Utilization After Incident Percutaneous Coronary Intervention

Matthew D. Solomon, Thomas Leong, Sue Hee Sung, Alda Inveiss, John B. Hernandez, Roseann M. White, Michelle P. Sosa, Jamal Rana, Edward McNulty, Alan S. Go, Kaiser Permanente Division of Research, Oakland, CA, USA, Abbott Vascular, Inc, Santa Clara, CA, USA

306 - Evaluation of Anti-Anginal Agents for the Symptomatic Treatment of Chronic Stable Angina Using Mixed Treatment Comparison Meta-Analysis  
Rhynn Malloy, Matthew A. Silva, Jennifer L. Donovan, Brigham and Women's Hospital, Boston, MA, USA, UMASS Memorial Hospital, Worcester, MA, USA

307 - Using the Diabetes Collaborative Registry (DCR) to Estimate the Potential Real-World Impact of the Leader Trial on Improving Cardiovascular Outcomes in Patients With Diabetes at High Cardiovascular Risk

Suzanne Arnold, Silvio Inzucchi, Fengming Tang, Darren McGuire, Sanjeev N. Mehta, Abhinav Goyal, Thomas Maddox, Laurence Sperling, Daniel Einhorn, Nathan Wong, Mikhail Kosiborod, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA

308 - Diet and Ischemic Burden: A Comparative Analysis of a Plant Based Regimen Versus a Mediterranean Regimen in Patients With Coronary Artery Disease

Rachid A. Elkoustaf, Mohamed Ismail, Columbus Batiste, Adina Mercer, Omar Aldaas, Darlene Newton, Kaiser Permanente, Riverside, CA, USA

309 - Overuse and Underuse of Cardiovascular Services Associated With Elevation in Cardiac Troponin

David E. Winchester, Kristopher Kline, Christopher Estel, Sean M. Taasan, Jingnan Zhang, Jonathan Shuster, University of Florida, Gainesville, FL, USA

310 - Vagus Nerve Stimulation Requires Both Ipsilateral and Contralateral Efferent Vagal Activity to Fully Exert Its Cardioprotection Against Cardiac Ischemia/Reperfusion Injury

Krekwit Shinlapawittayatorn, Watthana Nuntaphum, Pongpan Tanajak, Savitree Thummasorn, Juthamas Khamseekeaw, Suwakon Wongjaikam, 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, Thailand

311 - ST Elevation Myocardial Infarction in Nonagenarians: Review of Outcomes in National Inpatient Database

Bhradeev Sivasambu, Deepa Kabirdas, East Carolina University, Greenville, NC, USA

312 - Patient-Reported Preferences Affecting Revascularization Decisions (PREPARED): A Pilot Randomized Study of Shared Decision-Making

Jacob Appel Doll, Yuliya Lokhnygina, Sara Michael, William Jones, Manesh Patel, Duke University, Durham, NC, USA, University of Washington, Seattle, WA, USA

313 - Coronary Calcification as a Mechanism of Plaque/Media Shrinkage: A Multimodality Intracoronary Imaging Study

Yaping Zeng, Rafael Cavalcante, Carlos Collet, Erhan Tenekecioglu, Yohei Sotomi, Yuki Katagiri, Yosuke Miyazaki, Taku Asano, Mohammad Abdelghani, Shao-Ping Nie, Christos V. Bourantas, Nico Bruining, Yoshinobu Onuma, Patrick W. Serruys, ThoraxCentre, Erasmus Medical Center, Rotterdam, The Netherlands

314 - Effect of Hospital Intervention on Smoking Cessation 30 Days After Admission for Acute Coronary Syndrome

Harish Patlolla, Sandeep Khosla, Sneha Parmar, Chicago Medical School at Rosalind Franklin University, North Chicago, IL, USA

315 - CSL112 Enhances the Ability of Serum to Efflux Cholesterol in Patients With Moderate Renal Impairment

Andreas Gille, Danielle Duffy, Michael Tortorici, Samuel Wright, Larry Deckelbaum, Denise D'Andrea, CSL Limited, Parkville, Australia, CSL Behring, King of Prussia, PA, USA

**Acute and Stable Ischemic Heart Disease - Poster Contributions  
Session #1126****Traditional and Novel Factors Used to Assess the Risk of, and Used for the Treatment of, Coronary Artery Disease**

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

316 - Lower On-Treatment Low-Density Lipoprotein Cholesterol Is Associated With Lower Cardiovascular Risk in Very High Risk Patients With Atherosclerotic Cardiovascular Disease: Analyses From the ODYSSEY Trials  
Kausik Kumar Ray, Antonio Vallejo-Vaz, Henry Ginsberg, Michael Davidson, Robert H. Eckel, Veronica Lee, Laurence Bessac, Robert Pordy, Alexia Letierce, Christopher Cannon, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Paris, France

317 - Cystatin C Is Associated With the Risk of Adverse Outcomes Independent of Established and Novel Cardiorenal Markers: An Analysis From the SOLID-TIMI 52 Trial  
Simon Correa Gaviria, David Morrow, Eugene Braunwald, Rich Davies, Erica Goodrich, Sabina Murphy, Christopher Cannon, Michelle O'Donoghue, Brigham and Women's Hospital, Boston, MA, USA

318 - The Association of Depression at Any Time to the Risk of Death Following Coronary Artery Disease Diagnosis: The Intermountain INSPIRE Registry  
Heidi Thomas May, Benjamin Horne, Stacey Knight, Kirk Knowlton, Tami Bair, Donald Lappe, Viet Le, Joseph B. Muhlestein, Intermountain Medical Center, Murray, UT, USA

319 - Outcomes in Patients With Diabetes Mellitus and Suspected Coronary Artery Disease Following Non-Invasive Testing: Insights From the PROMISE Trial (PROspective Multicenter Imaging Study for Evaluation of Chest Pain)  
Abhinav Sharma, Nishant Sekaran, Adrian Coles, Neha Pagidipati, Daniel Mark, Kerry Lee, Hussein Al-Khalidi, Michael T. Lu, Udo Hoffmann, Pamela S. Douglas, Duke Clinical Research Institute, Durham, NC, USA

320 - Recurrent Cardiovascular Event Rates in a Contemporary Cohort of 829,498 Adults With Atherosclerotic Cardiovascular Disease  
Ann Marie Navar, Dylan Steen, Daniel Wojdyla, Robert Sanchez, Irfan Khan, Eric Peterson, Michael Pencina, Duke Clinical Research Institute, Durham, NC, USA, Regeneron and Sanofi Pharmaceuticals, USA

321 - Association Between Circulating Progenitor Cells and Outcomes in Patients With Coronary Artery Disease  
Pratik Sandesara, Ayman Samman Tahhan, Jay Khambhati, Eric Stahl, Salim Hayek, Muhammad Hammad, Heval Mohamed Kelli, Matthew Topel, Ayman Alkhoder, Kaavya Chivukula, Hiroshi Aida, Mohamad Mazen Gafeer, Naser Abdelhadi, Iraj Hesaroieh, Humza Naqvi, Ernestine Mahar, Edmund Waller, Laurence Sperling, Arshed Quyyumi, Emory University School of Medicine, Atlanta, GA, USA

322 - Glycemic Control in Insulin and Non-Insulin Dependent Diabetic Patients With ST Elevation Myocardial Infarction Predicts Time to Presentation  
Jonathan Evans, Tigran Khachatryan, David Hamilton, Andrew Stewart, Daniel Amponsah, Eric Suh, Kenneth Jutzy, Islam Abudayyeh, Anthony Hilliard, Loma Linda University Medical Center, Loma Linda, CA, USA

323 - Impact of Medical Liability Reform on Coronary Artery Disease Testing and Intervention  
Steven A. Farmer, Ali Moghtaderi, Bernard Black, David Magid, Frederick Masoudi, Norrina Allen, Samantha Schilsky, Avi Dor, William Sage, George Washington University, Washington, DC, USA, Northwestern University, Chicago, IL, USA

324 - Examination of hs-CRP Elevation in Patients With History of Myocardial Infarction in the U.S.

Neha J. Pagidipati, Puza Sharma, Anne Hellkamp, Tracy Wang, Gregg Fonarow, Michael Pencina, Duke Clinical Research Institute, Durham, NC, USA

325 - Relationship of Biomarkers of Oxidized Lipoproteins to Ethnicity, Subclinical Atherosclerosis and Cardiovascular Events Over a 10.5 Year Follow-Up in the Dallas Heart Study  
Sotirios Tsimikas, Anand Prasad, Paul Clopton, Colby Ayers, Amit Khera, James A. de Lemos, Joseph Witztum, UCSD, La Jolla, CA, USA

326 - Natural Disasters and Risk of Myocardial Infarction: A Systematic Review and Meta-Analysis  
Odilson Marcos Silvestre, Daniel Addison, Samson Okello, Siddique Abbasi, Harvard T. H. Chan School of Public Health, Boston, MA, USA

327 - Modelling the U.S. Population Health Benefits of Further Low-Density Lipoprotein Cholesterol Reduction With Alirocumab Among Atherosclerotic Cardiovascular Disease or Heterozygous Familial Hypercholesterolemia Patients With Elevated Low-Density Lipoprotein Cholesterol  
Robert Sanchez, Khurram Nasir, Alexa Klimchak, Andreas Kuznik, Florence Joulain, Andrew Briggs, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Bridgewater, NJ, USA

328 - Effectiveness of Coronary CT Angiography Versus Standard Care for the Assessment of Patients With Suspected Coronary Artery Disease: A Trial Sequential Analysis  
Andrew J. Foy, Sanket Shishir Dhruva, Brandon Peterson, Daniel Morgan, John Mandrola, Rita Redberg, Penn State Milton S. Hershey Medical Center, Hershey, PA, USA

329 - Poor Performance of Historical Prediction Models in Patients Investigated for Chest Pain: A Single Centre Experience in a Large Cohort of Patients  
Adrian Chenzbraun, Sharmaine Thiru, Alexandros Alexopoulos, Royal Liverpool University Hospital, Liverpool, United Kingdom

330 - Ischemic Time and Risk Factors Associated With the Incidence of Cardiogenic Shock in Patients Presenting With ST Elevation Myocardial Infarction  
Daniel Amponsah, Tigran Khachatryan, David Hamilton, Jonathan Evans, Andrew Stewart, Eric Suh, Kenneth Jutzy, Islam Abudayyeh, Anthony Hilliard, Loma Linda University Medical Center, Loma Linda, CA, USA

331 - Patterns of Downstream Cardiac Procedures After Nuclear Myocardial Perfusion Imaging in the United States, 2008-2012  
Hong Jun Yun, Jessica Lehrich, Shashank S. Sinha, Richard L. Weinberg, Brahmajee K. Nallamothu, Venkatesh L. Murthy, University of Michigan Health Systems, Ann Arbor, MI, USA

332 - Does 3-Hour Point of Care Troponin I Predict 6-Hour Point of Care Troponin I for Patients in a Chest Pain Unit  
Dexter Jacob, Robert McNamara, Basma Safdar, Yale University School of Medicine, Department of Internal Medicine, New Haven, CT, USA

333 - Fractional Flow Reserve Derived From Coronary Computed Tomography Safely Reduces Invasive Coronary Angiography Rates and Cost in Patients With Stable Coronary Artery Disease  
Mark Rabbat, Brian Kauh, Gianluca Pontone, Bjarne Norgaard, John Lopez, Verghese Mathew, Loyola University Medical Center, Maywood, IL, USA

334 - Management of Cardiovascular Disease in Sub-Saharan Africa: Data From the HAALSI (Health and Aging in Africa: Longitudinal Studies of INDEPTH Communities) Study  
Thiago Jardim, Sheridan Reiger, Stephen Tollman, F. Xavier Gomez-Olive, Alisha Wade, Ryan Wagner, Thomas Gaziano, Harvard School of Public Health, Center of Health Decision Science, Boston, MA, USA



335 - A Risk Locus for Non-ST-Elevation Myocardial Infarction on Chromosome 1p13.3 Is Also Associated With Peripheral Artery Disease in Patients With Acute Coronary Syndrome  
Satu Vaara, Perttu Salo, Markus Perola, Olavi Parkkonen, Marja-Liisa Lokki, Aki S. Havulinna, Veikko Salomaa, Markku Nieminen, Juha Sinisalo, Heart and Lung Center, Helsinki University Central Hospital, University of Helsinki, Helsinki, Finland

336 - Carotid Plaque Inflammation in Patients With Diabetes Mellitus and Coronary Artery Disease  
Georgios Tzanis, Maria Bonou, Georgios Benetos, Smaragda Biliou, Stavros Liatis, Elias Sanidas, Konstantinos Toutouzas, John Barbetseas, Cardiology Department, Laiko General Hospital, Athens, Greece, First Department of Cardiology, Hippokraton Hospital, Athens, Greece

337 - Impact of Vitamin D Deficiency on Patients Undergoing Coronary Artery Disease Between the Years 2008 Through 2012: Nationwide Inpatient Sample Data Analysis  
Yashwant Agrawal, Chris Jacob, Sourabh Aggarwal, Sidakpal Panaich, Frank Saltiel, Jagadeesh Kalavakunta, Vishal Gupta, Western Michigan University Homer Stryker School of Medicine, Kalamazoo, MI, USA

338 - Predicting Cardiovascular Risk in Statin-Treated Patients: The AIM-HIGH (Atherothrombosis Intervention in Metabolic Syndrome With Low HDL/High Triglycerides: Impact on Global Health Outcomes) Residual Risk Score  
Philip Chui, Moti Kashyap, Nathan Wong, UC Irvine, Orange, CA, USA, Long Beach VA, Long Beach, CA, USA

339 - Multiple Biomarkers for Predicting Major Adverse Cardiac Events in At-Risk Patients Undergoing Diagnostic Coronary Angiography: Results From the Catheter Sampled Blood Archive in Cardiovascular Diseases (CASABLANCA) Study  
Cian McCarthy, Roland Van Kimmenade, Hanna Gaggin, Mandy Simon, Nasrien Ibrahim, Parul Gandhi, Noreen Kelly, Arianna Belcher, Shweta Motiwala, Rhonda Rhyne, Craig Magaret, James Januzzi, Massachusetts General Hospital, Boston, MA, USA

340 - High Sensitive Troponin T, Grace Score and Timi Score to Predict Adverse Cardiovascular Events  
Juan Pablo Costabel, Santiago Ordoñez, Ivan Chillik, Eugenio Diaz Romero, Victoria Galizia Brito, Juan Furmento, Marcelo Trivi, Instituto Cardiovascular de Buenos Aires, Buenos Aires, Argentina

341 - Risk Stratification of Patients Suspected of Coronary Artery Disease Using an Acoustic Detection Algorithm  
Simon Winther, Louise Nissen, Samuel Schmidt, Jelmer Westra, Laust Dupont, Jane Kirk, Bjarke S. Larsen, Lars Frost, Niels Holm, Hans Botker, morten Boettcher, Department of Internal Medicine, Herning, Denmark

342 - Reliability and Responsiveness of Seattle Angina Questionnaire in Women With Coronary Artery Disease  
Krishna Patel, Mohammed Qintar, Suzanne Arnold, Yuanyuan Tang, Philip Jones, Donna Buchanan, Carole J. Decker, John Spertus, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA

**343 - The Relationship Between Depression and Adverse Cardiovascular Events: Examining Serotonin-Driven Platelet Activation as a Factor**  
Tamara Ashvetiya, Marlene Williams, Johns Hopkins Bayview Medical Center, Baltimore, MD, USA

344 - Coronary Artery Disease in Individuals With Human Immunodeficiency Virus Compared to a Seronegative Cohort  
Sheila Liu Klassen, Derek Chew, Kenneth Quadros, Michelle Graham, John M. Gill, University of Calgary, Calgary, Canada, University of Alberta, Edmonton, Canada

345 - Relationship Between Marijuana Use and Hospitalization for Acute Coronary Syndrome  
Maryam Afshar, Niraj Karki, Peter Chernek, Phyo Thet, Binita Sapkota, Swosti R. Magar, Muhammad Ameen, Sridhar Chilimuri, Jonathan Bella, Bronx Lebanon Hospital Center, Bronx, NY, USA

347 - Inflammatory Response to Mental Stress and Mental Stress Induced Myocardial Ischemia  
Muhammad Hammadah, Brad Pearce, Naser Abdelhadi, Mazen Ghafeer, Ayman Alkhoder, Malik Obideen, Oleksiy Levantsevych, Lie Weng, Ibhar Al Mheid, Kobina Wilmot, Ronnie Ramadan, Heval Mohamed Kelli, Wesley O'Neal, Ayman Samman Tahhan, Pratik Pimple, Samaah Sullivan, Pratik Sandesara, Amit Shah, Yan Sun, Doug Bremner, Raggi Paolo, Viola Vaccarino, Arshed Quyyumi, Emory University, Atlanta, GA, USA

348 - Renin Angiotensin System Inhibitors in Patients With Coronary Artery Disease and Preserved Left Ventricular Function  
Bora Toklu, Robert Fakheri, Franz H. Messerli, Sripal Bangalore, New York University School of Medicine, New York, NY, USA

349 - Impact of Demographics and Socioeconomic Status on Mode of Transportation and Time to Presentation in Patients With ST Elevation Myocardial Infarction  
Andrew Stewart, Tigran Khachatryan, David Hamilton, Jonathan Evans, Daniel Amponsah, Eric Suh, Kenneth Jutzy, Islam Abudayyeh, Anthony Hilliard, Loma Linda University Medical Center, Loma Linda, CA, USA

350 - New Modification of Isometric Handgrip Stress Echocardiography for Detection of Coronary Artery Disease: Combination of Exercise and Emotional Stress Echocardiography  
Vadim A. Kuznetsov, Dmitriy Krinochkin, Elena Yaroslavskaya, Georgiy Pushkarev, Elena Zakharova, Tyumen Cardiology Research Center, Tomsk National Research Medical Center, Tomsk, Russian Federation

### Arrhythmias and Clinical EP - Poster Contributions Session #1107

**Arrhythmias and Clinical EP: Basic 1**  
Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

071 - Atrial Fibrillation in Patients With Non-STEMI: Insights From a National Database

Nilay Patel, Subir Bhatia, Prashant Patel, Shilpkumar Arora, Neil Patel, Sopan Lahewala, Harshil Shah, Ekta Aneja, Varun Kumar, Sidakpal Panaich, Apurva Badheka, Abhishek Deshmukh, Saint Peter's University Hospital, New Brunswick, NJ, USA

072 - Exosome Derived From Atrial Fibrillation Patients Prevents Proarrhythmic Remodeling by Restoration of Acetylated Tubulin in Pacing Induced Tachycardia Model

Hyelem Park, Hyeon Kim, Hyeon Park, Shanyu Cui, Hui-Nam Pak, Moon-Hyoung Lee, Boyoung Joung, Yonsei University College of Medicine, Seoul, South Korea, Brain Korea 21 PLUS Project for Medical Science, Yonsei University, Seoul, South Korea

073 - Long Term Outcomes and Risk Stratification in Atrial Fibrillation Patients With Low Risk Chads<sub>2</sub> ≤1 With Antithrombotic Therapy  
Anjani Golive, Heidi May, Tami Bair, Victoria Jacobs, Brian Crandall, Michael J. Cutler, John Day, Charles Mallender, Jeffrey S. Osborn, Jonathan Weiss, T. Jared Bunch, Intermountain Medical Center, Murray, UT, USA

074 - MicroRNA-26a From Hypoxic Human Mesenchymal Stem Cells: Derived Microvesicles Enhance Cardiac Conduction Following Myocardial Infarction  
Hyelem Park, Hyeon Park, Hyeon Kim, Seung-Hyun Lee, Shanyu Cui, Hui-Nam Pak, Moon-Hyoung Lee, Boyoung Joung, Yonsei University College of Medicine, Seoul, South Korea, Brain Korea 21 PLUS Project for Medical Science, Yonsei University, Seoul, South Korea



075 - Variation in the Use of Direct Oral Anticoagulants and Associated Cost Implications: Findings From the Medical Expenditure Panel Survey 2010 to 2013

Benjamin Rodwin, Khurram Nasir, Joseph Salami, Erica Spatz, Javier Valero-Elizondo, Salim Virani, Ron Blankstein, Michael Blaha, Nihar Desai, Yale-New Haven Hospital, New Haven, CT, USA

076 - NOACs Versus Warfarin Use in the Management of Atrial Fibrillation Patients  
Eleanor Biggs, Victoria Allan, Szabolcs Vermes, IpsosMORI, London, United Kingdom

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1108

#### Arrhythmias and Clinical EP: Ventricular Tachycardia

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

077 - Percutaneous Epicardial Mapping and Ablation of Ventricular Tachycardia: A Systematic Review of Safety Outcomes

Rhanderson Cardoso, Manuel Rivera, Harold Rivner, Rodrigo Mendirichaga, Andre D'Avila, University of Miami, Jackson Memorial Hospital, Miami, FL, USA, Instituto de Pesquisa em Arritmia Cardiaca, Hospital Cardiologico, Florianopolis, Brazil

078 - Therapeutic Hypothermia for In-Hospital Cardiac Arrest: A Meta-Analysis

Muhammad Soubhi Azzouz, Amer Kadri, Nawfal Al-khafaji, Toufik Mahfood Haddad, Michael Del Core, Michael White, Venkata Alla, Creighton University, Omaha, NE, USA, Cleveland Clinic, Cleveland, OH, USA

080 - Impact of Arrhythmia Duration and Index Left Ventricular Ejection Fraction on Recovery of Left Ventricular Function in Patients With Arrhythmia-Induced Cardiomyopathy

Rahul Dhawan, Christopher R. Angus, Robert A. Pearce, Abbas Bitar, Brian Guinn, Dhanunjaya Lakkireddy, Brian Olshansky, Rakesh Gopinathannair, University of Louisville, Louisville, KY, USA

081 - Prognostic Impact of In-Hospital Cardiac Arrest Ratio in Patients With In-Hospital Cardiac Arrest

Vishal Patel, Rajat Garg, Saroj Neupane, Kesav Parvataneni, Sohail Hassan, St. John Hospital and Medical Center, Detroit, MI, USA

082 - Health Insurance Expansion and Incidence of Out-of-Hospital Cardiac Arrest: A Pilot Study in a US Metropolitan Community

Eric Stecker, Kyndaron Reinier, Carmen Teodorescu, Audrey Uy-Evanado, Jonathan Jui, Sumeet Chugh, Cedars-Sinai Medical Center, Los Angeles, CA, USA, Oregon Health & Science University, Portland, OR, USA

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1109

#### Arrhythmias and Clinical EP: Devices 1

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

083 - Increased Shock Impedance Is Associated With Failed Subcutaneous Implantable Cardioverter Defibrillator Defibrillation Threshold Testing

Heath E. Saltzman, Brett Angel, Jay Overcash, Steven Kutalek, Drexel University College of Medicine, Philadelphia, PA, USA, Boston Scientific, Marlborough, MA, USA

084 - Characteristics and Clinical Predictors of 11,569 Pneumothoraces Associated With Cardiac Implantable Electronic Device Procedures: Results From a Large National Database

Gbolahan Ogunbayo, Suartcha Prueksaritanond, Odunayo Olorunfemi, Ayman Elbadawi, Deola Saheed, Samy Elayi, University of Kentucky, Lexington, KY, USA, Rochester General Hospital, Rochester, NY, USA

085 - Coronary Artery Compression by Epicardial Leads: More Common Than We Think

Douglas Mah, Ashwin Prakash, Diego Porras, Francis Fynn-Thompson, Elizabeth Dewitt, Puja Banka, Boston Children's Hospital, Boston, MA, USA

086 - Insertion of a Miniaturized Insertable Cardiac Monitor Outside the Traditional Hospital Setting: Results From the RIO 2 International Study  
Prashanthan Sanders, Rishi Anand, Robert Kowal, Christopher Piorowski, M. Rizwan Sohail, Hans Kragten, Angel Moya, Kurt Stromberg, John D. Rogers, South Australian Health and Medical Research Institute, University of Adelaide, Adelaide, Australia

087 - Late Occurrence of Phrenic Nerve Stimulation: A Potential Pitfall Among Super Responders?

Justo Julia Calvo, Maria Lopez-Gil, Adolfo Fontenla, Lola Villagraz Tecedor, Alvaro Lozano Rosado, Rafael Salguero Bodes, Fernando Arribas, Hospital 12 de Octubre, Madrid, Spain

088 - Long-Term Outcome of Noncompaction Cardiomyopathy Patients With Implantable Cardioverter-Defibrillators Compared With Patients With Dilated or Hypertrophic Cardiomyopathy

Kadir Caliskan, Sing-Chien Yap, Arend Schinkel, Alina Constantinescu, Michelle Michels, Olivier Manintveld, Tamas Szili-Torok, Dominic Theuns, Erasmus MC, Rotterdam, The Netherlands

089 - Lower All-Cause Mortality in Younger Patients With Prophylactic Implantable Cardioverter Defibrillator Compared to Elderly Subjects: A Systemic Review and Meta-Analysis

Sukhchain Singh, Alireza Mirhosseini, Rohit Arora, Chicago Medical School, North Chicago, IL, USA, Mount Sinai Medical Center, Chicago, IL, USA

091 - Electrical Storm in Chagas Heart Disease Patients With Implantable Cardioverter Defibrillator - Clinical Predictors, Outcome and Arrhythmic Characteristics: A Prospective Registry From a University Hospital  
Maria Licia Pavao, Elerson Arfelli, Adilson Scorzoni Filho, Rafael Brolio Pavao, Antonio Pazin Filho, Jose Antonio Marin Neto, Andre Schmidt, Medical School of Ribeirão Preto University of São Paulo, Ribeirão Preto, Brazil

094 - Uninterrupted Non-Vitamin K Antagonist Oral Anticoagulants Versus Warfarin in Patients Undergoing Cardiac Implantable Electronic Device Implantation: A Meta-Analysis

Mohit Turagam, Venkat Vuddanda, Poonam Velagapudi, Jayasree Pillarisetti, Mohammad-Ali Jazayeri, Madhav Lavu, Valay Parikh, Donita Atkins, Sudharani Bommana, Kul Aggarwal, Luigi Di Biase, Andrea Natale, Madhu Reddy, Dhanunjaya Lakkireddy, The University of Kansas Hospital, Kansas City, KS, USA

093 - Implantable Cardioverter Defibrillator for the Prevention of Mortality in Non-Ischemic Cardiomyopathy: A Meta-Analysis of Randomized Controlled Trials

Mohit Turagam, Poonam Velagapudi, Venkat Vuddanda, Valay Parikh, Mohammad-Ali Jazayeri, Madhav Lavu, Tushar Tarun, Kul Aggarwal, Donita Atkins, Sudharani Bommana, Luigi Di Biase, Andrea Natale, Dhanunjaya Lakkireddy, Madhu Reddy, The University of Kansas Hospital, Kansas City, KS, USA

092 - Pharmacological Treatment Alone Versus Treatment Combined With Implantable Cardioverter-Defibrillator Therapy in Patients Over 75 Years  
Marcelino Cortes, Juan Antonio Franco Pelaez, Marta Lopez Castillo, Alvaro Garcia Roperio, Maria Luisa Martin Mariscal, Angelica Maria Romero Daza, Julia Anna Palfy, Sem Briongos-Figuero, Mikel Taibo Urquia, Juan Benezet-Mazuecos, Jose Rubio Campal, Jeronimo Farre, Hospital Universitario Fundacion Jimenez Diaz, Madrid, Spain



### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1110

#### Fibrillatory Arrhythmias: Outcomes With Contemporary Practice

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

096 - Contemporary Causes and Outcomes of Out of Hospital Ventricular Fibrillation in Pediatric Patients

Ryan Kobayashi, Allison Hill, Yaniv Bar-Cohen, Michael Silka, Children's Hospital Los Angeles, Los Angeles, CA, USA

097 - Rates of Oral Anticoagulant Use, While Improving Over Time, Remain Low Among Hospitalized Patients With Atrial Fibrillation

Sean Pokorney, Christopher Granger, Kevin Anstrom, Eva Kline-Rogers, Mark Alberts, Gerald Naccarelli, Peter Berger, John A. House, Ujjwala Vijapurkar, Jennifer Davidson, Bimal Shah, Elaine Hylek, Duke University Medical Center, Durham, NC, USA

098 - Treatment and Outcomes of Patients With Nonvalvular Atrial Fibrillation According to Guideline-Defined Anticoagulation Thresholds: Results From the GARFIELD-AF Registry

A. John Camm, Gabriele Accetta, Giancarlo Agnelli, Jean-Pierre Bassand, Samuel Goldhaber, Gloria Kayani, Frank Misselwitz, Seil Oh, Pekka Raatikainen, Alexander Turpie, Martin van Eickels, Ajay Kakkar, GARFIELD-AF Investigators, Thrombosis Research Institute, London, United Kingdom

099 - Role of Endomyocardial Biopsy in Patients With Structural Heart Disease and Normal Coronary Arteries Presenting With Ventricular Arrhythmias

Giovanni Peretto, Simone Sala, Alida L. P. Caforio, Cristina Basso, Gaetano Thiene, Paolo Della Bella, San Raffaele Hospital and University, Milan, Italy, Padua University Hospital, Padua, Italy

100 - Edoxaban Versus Warfarin in Atrial Fibrillation Ablation: First Experience From the ENGAGE AF TIMI 48 Trial

Jan Steffel, Christian Ruff, Rose Hammershock, Sabina Murphy, Hans Lanz, Michele Mercuri, Elliott Antman, Eugene Braunwald, Robert Giugliano, TIMI Study Group, Boston, MA, USA

102 - Incident Atrial Fibrillation According to Gender 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

104 - Antiarrhythmic Medications for Atrial Fibrillation Appear Reasonably Safe in Hypertrophic Cardiomyopathy

Charles Miller, Martin Maron, Barry Maron, Ethan Rowin, N. A. Mark Estes, III, Mark Link, Tufts Medical Center, Boston, MA, USA

105 - Using Cardiac Magnetic Resonance Imaging and Transthoracic Echocardiography to Predict Presence of Papillary Muscle-Based Ventricular Ectopy in Mitral Valve Prolapse

Brian Fulton, Jackson Liang, Yuchi Han, Hospital of the University of Pennsylvania, Philadelphia, PA, USA

106 - Success Rates by Ablation Lesion Set of Catheter Ablation for Paroxysmal Atrial Fibrillation: Findings From the SMASH-AF Meta-Analysis Study Cohort

Andrew Cluckey, Fahd Yunus, George Leef, Mariam Askari, Ewoud Schuit, Paul Heidenreich, Mintu Turakhia, Alexander Perino, Stanford University, Stanford Cardiovascular Institute, Stanford, CA, USA, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA, USA

107 - Clinical and Electrocardiographic Characteristics for Prediction of New-Onset Left Ventricular Dysfunction in Patients With Frequent Idiopathic Ventricular Premature Complex >10%

Sung Il Im, Dong Hyun Park, Bong Joon Kim, Kyoungim Cho, Hyun Su Kim, Jeong Ho Heo, Seokhyeon Kim, Division of Cardiology, Kosin University Gospel Hospital, Kosin University, College of Medicine, Busan, South Korea

108 - Effective Control of Atrial Fibrillation Can Be Achieved With Very Low Doses of Amiodarone

Frank A. McGrew, Sandy Charlton, J. Roberts, Stern Cardiovascular Foundation, Germantown, TN, USA

109 - Retrospective Analysis of Thrombogenic Biomarkers in Patients With Atrial Fibrillation Treated With Novel Oral Anticoagulants

Jeffrey Liles, Christopher Wanderling, Sallu Jabati, Timothy Rowe, Abigail Otto, Jack Bonteckoe, Debra Hoppensteadt, Mushabbar Syed, Jawed Fareed, Loyola University Medical Center, Maywood, IL, USA

110 - Persistence With Therapy in Patients With Atrial Fibrillation: The GLORIA-AF Registry

Miney Paquette, Menno Huisman, Gregory Lip, Hans-Christoph Diener, Sergio J. Dubner, Jonathan Halperin, Changsheng Ma, Kenneth Rothman, Christine Teutsch, Shihai Lu, Lionel Riou França, Kristina Zint, Dorothee B. Bartels, Robby Nieuwlaat, McMaster University, Ontario, Canada

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1111

#### Improving Outcomes in the Athlete With Cardiovascular Disease

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

111 - Exercise Testing in Pediatric Patients: Objective Versus Subjective Effort

Marieke Nederend, Michael Ackerman, Jonathan Johnson, Brandon Morrical, A. D. J. ten Harkel, Thomas Allison, Mayo Clinic, Rochester, MN, USA, Leiden University, Leiden, The Netherlands

112 - EKG Abnormalities Distribution Between Competitive Athletes, Non Competitive Athletes and Non Athletes in a Population of 12,000 Young Italian Students

Antonio Fusto, Paola Scarparo, Alessandra Cinque, Francesco Adamo, Nicolo' Salvi, Mariateresa Pucci, Gianluca Agnes, Pasqualina Bruno, Maria Chiara Gatto, Ilaria Mancini, Giammarco Schiaffini, Maria Giovanna Vassallo, Alessandra D'Ambrosi, Danilo Alunni Fegatelli, Annarita Vestri, Massimo Mancone, Francesco Fedele, Sapienza University of Rome, Rome, Italy

113 - The Heart Sentinel App for Automatic Detection and Alerting in Cardiac Arrest During Outdoor Sports: Ventricular Fibrillation Simulations and Preliminary Data in Athletes

Nicola Gaibazzi, Antonio Crocamo, Gianluca Gonzi, Claudio Reverberi, Parma University Hospital, Parma, Italy

115 - Pre-Existing Cardiac Disease, Exercise, Male Sex, and Young Age Are Risk Factors for Sudden Death Following Energy Drink Consumption

Nima Keyvan, Brian Howard, Guo Xiaofan, Sun Yong Lee, Byron Lee, University of California, San Francisco, San Francisco, CA, USA

116 - American Heart Association Preparticipation Cardiovascular Screening of Competitive Athletes History Elements Applied to a Diverse International Screening Program

Michael Scott Emery, Kyle Hornsby, Rachel Lahr, Zachary A. Boltwood, Dawn Kirchner, Changyu Shen, Jae Yeong Cho, Kye Hun Kim, Hyukjin Park, Lawrence Rink, Indiana University School of Medicine, Indianapolis, IN, USA, University of Michigan Health System, Ann Arbor, MI, USA



### Congenital Heart Disease - Poster Contributions

#### Session #1101

#### Congenital Heart Disease: Progress in Pediatric Heart Surgery

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

009 - Long-Term Transplant-Free Survival Following Surgery for Coarctation of the Aorta: A Study From the Pediatric Cardiac Care Consortium  
Matthew Oster, Courtney McCracken, Melinda Cory, John Hunting, Lazaros Kochilas, Emory University, Atlanta, GA, USA, Children's Healthcare of Atlanta, Atlanta, GA, USA

010 - The Aortic Perfusion Score: A Novel Scoring System to Predict Death or Transplant in Children With Pulmonary Atresia With Intact Ventricular Septum  
Rohit Seth Loomba, Andrew Pelech, Children's Hospital of Wisconsin, Milwaukee, WI, USA

011 - Congenital Heart Surgery in Patients With Trisomy 13 Associated With Lower In-Hospital Mortality  
Katherine Kosiv, Jeffrey Gossett, Shasha Bai, Ronnie Collins, University of Arkansas for the Medical Sciences, Little Rock, AR, USA, Arkansas Children's Hospital, Little Rock, AR, USA

012 - Early Hydrodynamic Assessment of Intestinal Sub-Mucosa Bioscaffold for Mitral Valve Replacement  
Omkar Mankame, Lilliam Valdes-Cruz, Steven Bibeovski, Frank Scholl, Ivan Baez, Sharan Ramaswamy, Florida International University, Miami, FL, USA, Joe DiMaggio Children's Hospital, Hollywood, FL, USA

013 - A Red Cell Preservation Strategy Reduces Postoperative Transfusions in Pediatric Heart Surgery Patients  
Meena Nathan, Brielle Tishler, Kimberlee Gauvreau, Gregory S. Matte, Robert J. Howe, Linda Durham, Sharon Boyle, Derek Mathieu, Francis Fynn-Thompson, James Dinardo, Juan Ibla, Boston Children's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

015 - S-Nitrosohemoglobin Levels After Transfusion Predict Outcome of Pediatric Bypass Surgery  
Faisal Matto, Peter Kouretas, Richard Smith, Jacob Ostrowsky, Anthony Cina, Douglas Hess, Jonathan Stampler, James D. Reynolds, Case Western Reserve University, Cleveland, OH, USA, University Hospitals, Cleveland, OH, USA

016 - Prediction Tool for Congenital Heart Surgery Length of Stay  
Matthew DiOrio, Catherine Allan, Ravi Thiagarajan, Kimberlee Gauvreau, Meena Nathan, Derek Mathieu, Aditya Kaza, James Dinardo, Jean Connor, John Mayer, Puja Banka, Jason Thornton, John Triedman, Lisa Bergersen, Boston Children's Hospital, Boston, MA, USA

014 - Validation of Technical Performance Score for Long-Term Outcomes in Congenital Heart Surgery: 10 Year Follow-Up Data  
Meena Nathan, Steven Colan, Jane Newburger, Hua Liu, Kimberlee Gauvreau, Brielle Tishler, Pedro del Nido, Boston Children's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

017 - Technical Performance Score Can Predict Post-Discharge Reinterventions in Partial and Transitional Atrioventricular Septal Defect Repair  
Brielle Tishler, Kimberlee Gauvreau, Steven Colan, Pedro del Nido, Meena Nathan, Boston Children's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

018 - The Association of Technical Performance With Postoperative Complications and Hospital Costs for the Norwood Operation  
Kimberly E. McHugh, Sara Pasquali, Mark Scheurer, Matthew A. Hall, Meena Nathan, Medical University of South Carolina, Charleston, SC, USA, Children's Hospital Boston, Boston, MA, USA

019 - Residual Atrioventricular Valve Regurgitation Pre-Discharge Is Associated With Post-Discharge Reinterventions Following Complete Atrioventricular Septal Defect Repair  
Rinske Ijsselhof, Kimberlee Gauvreau, Pedro del Nido, Meena Nathan, Boston Children's Hospital, Boston, MA, USA, University Medical Center Utrecht, Utrecht, The Netherlands

020 - General Anesthesia Risk in Williams Beuren Syndrome Patients in the Current Era  
Mark D. Levin, Beth A. Kozel, National Institutes of Health, Bethesda, MD, USA

### Congenital Heart Disease - Poster Contributions

#### Session #1102

#### The Story of the Adult Congenital Heart Disease Patient and EP

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

021 - Arrhythmia Burden & Outcomes in Eisenmenger Syndrome  
Shankar Baskar, Philippa Horne, Samantha Fitzsimmons, Philip Khoury, Joseph Vettukattill, Koichiro Niwa, Teiji Agaki, Mark Spence, Gruschen Veldtman, Cincinnati Children's Hospital, Cincinnati, OH, USA

022 - Safety of Transvenous Lead Removal in Adult Congenital Heart Disease in the US  
Xiaofan Guo, Robert Hayward, Eric Vittinghoff, Sun Yong Lee, Ian Harris, 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

023 - Acquired Long-Term Cardiac Rhythm and Conduction Abnormalities After Arterial Switch Operation  
Takeshi Tsuda, Jeanne Baffa, Bradley Robinson, Rami Kharouf, Abdul Bhat, Joel Temple, Nemours/Afred I. duPont Hospital for Children, Wilmington, DE, USA, Wilmington, DE, USA

024 - Prevalence and Predictors of Atrial Tachyarrhythmias in Adult Fontan Patients  
Anushree Agarwal, Aarthi Sabanayagam, Ahmed Kheiw, Colin Cunningham, Ian Harris, Edward Gerstenfeld, Charles McCulloch, Elyse Foster, Zian Tseng, Lucas Zier, Petra Jenkins, Jaspal Dua, Devinda Karunaratne, Sahrkaw Muhyaldeen, Amir Zaidi, Adam Fitzpatrick, Clifford Garratt, Bernard Clarke, Andreas Hoschtitzky, Vaikom Mahadevan, University of California San Francisco, San Francisco, CA, USA, Manchester Royal Infirmary, Central Manchester University Hospitals NHS Trust, Manchester, United Kingdom

### Heart Failure and Cardiomyopathies - Poster Contributions

#### Session #1121

#### Heart Failure and Cardiomyopathies: Is Heart Failure With a Normal EF for Real?

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

243 - Heart Failure With Reduced Ejection Fraction Care Patterns in the Outpatient Practice Setting: Initial Findings From CHAMP-HF  
Gregg C. Fonarow, Nancy Albert, Javed Butler, J. Herb Patterson, John Spertus, Fredonia Williams, Stuart Turner, Wing Chan, Carol Duffy, Adam DeVore, Xiaojuan Mi, Laine Thomas, Adrian Hernandez, Ronald Reagan-UCLA Medical Center, Los Angeles, CA, USA, Duke Clinical Research Institute, Durham, NC, USA

244 - Effects of Spironolactone on the Prognosis of Heart Failure Patients With Preserved Ejection Fraction: A Meta-Analysis of Randomized Clinical Trials



Yajie Xiang, Wei Huang, Yunjing Yang, Stephen Yishu Wang, Wenhai Shi, Department of Cardiology, The First Affiliated Hospital of Chongqing Medical University, Chongqing, People's Republic of China

245 - Statin Intensity and Outcome in Patients With Acute Heart Failure With Preserved Ejection Fraction

Amer Hawatmeh, Mohammad Thawabi, Habib Habib, Firas Qaqa, Samer Haddad, Sarah Studyvin, Faye Shamoan, Marc Cohen, Newark Beth Israel Medical Center, Newark, NJ, USA, St. Joseph Regional Medical Center, Paterson, NJ, USA

246 - Efficacy of Phosphodiesterase-5 Inhibitor in Patients With Heart Failure With Preserved Ejection Fraction: A Meta-Analysis

Anurag Bajaj, Sukrut Nanavaty, John Coppola, Hemant Tiwari, Tejas Patel, Samir Pancholy, The Wright Center for Graduate Medical Education, Scranton, PA, USA

247 - Comparison of B-Type Natriuretic Peptide Assays for Identifying Adverse Events in Patients With Chronic Obstructive Pulmonary Disease: Meta-Analysis of Randomized and Non-Randomized Studies

Salman M. Muddassir, Mohammad A. Ismail, Muhammad Ishfaq, Oak Hill Hospital, Brooksville, FL, USA

248 - Omega-3 Polyunsaturated Fatty Acids May Favorably Affect Inflammatory Biomarkers & Novel Indices of Left Ventricle Function in Patients With Heart Failure

Dimitrios Karlis, Evangelos Oikonomou, Theodoros Zografos, Gerasimos Siasos, Christine Chrysohoou, Stela Brili, George Lazaros, Sotirios Tsalamandris, Georgia Vogiatzi, Angelos Papanikolaou, Alexios Antonopoulos, Georgios Georgiopoulos, Dimitris Tousoulis, 'Hippokraton' Hospital, University of Athens Medical School, Athens, Greece

249 - Effect of Coenzyme Q10 on Left Ventricular Remodeling and Mortality in Patients With Heart Failure: A Meta-Analysis

Angkawipa Trongtorsak, Kitavee Kongnatthasate, Paweena Susantitaphong, Veraprapas Kittipibul, Aekarach Ariyachaipanich, Chulalongkorn University, Bangkok, Thailand

250 - Surrogate Endpoints and the Differential Response to ASV for Sleep Apnea in HFrEF Versus HFpEF in the CAT-HF Trial

Adam Benjafield, JoAnn Lindenfeld, Olaf Oldenburg, David Whellan, Mona Fiuzat, Naresh Punjabi, Kevin Anstrom, Amy Blase, Holger Woehrle, Christopher O'Connor, Duke University Medical Center, Durham, NC, USA, ResMed Science Center, San Diego, CA, USA

251 - Treatment Patterns and Resource Use of Heart Failure Patients on Medicaid in Five States in the US

Tzy-Chyi Yu, Jenny Zhou, Dendy Macaulay, Huanxue Zhou, Stuart Turner, Ashok Vegesna, Deborah Goldschmidt, Olivia Liu, James Signorovitch, Novartis Pharmaceuticals, East Hanover, NJ, USA

252 - Influence of Low Versus High Dose on the Association of Loop Diurectic and Mortality in Patients With Heart Failure: Insights From the UNITE-HF Registry

Kirkwood F. Adams, Stephanie H. Dunlap, Amanda Lee, Ileana Pina, Adrian Van Bakel, J. Herbert Patterson, Todd Schwartz, Frank McGrew, Hector Ventura, Ron Oren, University of North Carolina Chapel Hill, Chapel Hill, NC, USA

253 - Rationale and Methods of the Prospective Study of Biomarkers, Symptom Improvement and Ventricular Remodeling During Entresto Therapy for Heart Failure (PROVE-HF) Study

James L. Januzzi, Javed Butler, G. Michael Felker, Emmanuel Fombu, Alan Maisel, Kevin McCague, Ileana Pina, Margaret Prescott, Jerome Riebman, Scott Solomon, Massachusetts General Hospital, Boston, MA, USA, Novartis Pharmaceuticals, East Hanover, NJ, USA

254 - Association Between Use of Statins and Outcomes in Heart Failure Patients Undergoing Percutaneous Coronary Intervention  
Ken Chin, Christopher Reid, Andrew Tonkin, Ingrid Hopper, Angela Brennan, Stephen Duffy, David Clark, Andrew Ajani, Danny Liew, Melbourne Interventional Group, Monash University, Melbourne, Australia

255 - Chemotherapy Induced Cardiotoxicity, Its Prevention, Treatment and Risk Factors

Munis Raza, Michelle Colpitts, Lenora Eberhart, David Langholz, Spectrum Health Frederik Meijer Heart and Vascular Institute, Grand Rapids, MI, USA

256 - LV Unloading Using Impella CP Improves LA Pressure, Function, and Stiffness in Ischemic Pig Model

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

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1122

**Population Specific Cardiomyopathies: From Exomes to Databases**  
Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

257 - Racial Differences in Heart Failure Admissions & Outcomes Among Patients With HIV

Mary Fisher, Gbolahan Ogunbayo, Ameer Musa, Oduayo Olorunfemi, Ayman Elbadawi, Deola Saheed, Bennet George, University of Kentucky, Lexington, KY, USA, Rochester General Hospital, Rochester, NY, USA

258 - Racial Difference in Genetic Variants Associated With Hypertrophic Cardiomyopathy

Sho Torii, Liang Guo, Ryan Braumann, Emanuel Harari, Hiroyoshi Mori, Matthew Kutyna, Aloke Finn, Renu Virmani, CVPath Institute, Gaithersburg, MD, USA

259 - Whole Genome Sequencing in Four Hypertrophic Cardiomyopathy Families With Sudden Cardiac Death

Xiyang Guo, Chaomei Fan, Chi Cai, Yinjian Yang, Fujian Duan, Lei Tian, Yishi Li, Key Laboratory of Clinical Trial Research in Cardiovascular Drugs, Ministry of Health, Fuwai Hospital, Beijing, People's Republic of China

261 - Hospitalization Expenditure by New York Heart Association (NYHA) Classification in Heart Failure (HF) Patients in China

Shuqing ZHU, Milun Zhang, Qian Ni, Qiao Sun, Jianwei Xuan, Sun Yat-Sen University, Guangzhou, People's Republic of China

262 - Targeted and Exome Sequencing of 27 Lebanese Patients With Cardiomyopathies: Novel Variants in Known Genes, and Potential Novel Genes

Marwan Refaat, Sylvana Hassanieh, Patrick Zakka, Mostafa Hotait, Jad Ballout, Fadi Bitar, Mariam Arabi, M. Samir Arnaout, Hadi Skouri, Antoine Abchee, Hussain Ismaeel, Bernard Abi-Saleh, Maurice Khoury, Georges Nemer, American University of Beirut Medical Center, Beirut, Lebanon

263 - Air Pollution in Myocardial Remodeling

Fernanda Gallinaro Pessoa, Keila Fonseca, Charles Mady, Orlando N. Ribeiro, Adriana M. Oliveira-Fonoff, Vera Salemi, Paulo Saldiva, Fabio Fernandes, Felix Ramires, Heart Institute University of Sao Paulo School of Medicine, Sao Paulo, Brazil



### Heart Failure and Cardiomyopathies - Poster Contributions

#### Session #1123

#### Making Progress in Understanding Heart Failure

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

264 - Left Atrial Enlargement in Patients With Ventricular Dysfunction: Innocent Bystander or Meaningful Determinant of Survival?

Giovanni Benfari, Clemence Antoine, Andrea Rossi, Wayne Miller, Hector Michelena, Vuyisile Nkomo, Maurice Sarano, Mayo Clinic, Rochester, MN, USA

265 - Is Frailty a Mirror of Underlying Hemodynamic Alteration in Patients With Left Ventricular Dysfunction?

Giovanni Benfari, Clémence Antoine, Wayne Miller, Hector Michelena, Vuyisile Nkomo, Maurice Sarano, Mayo Clinic, Rochester, MN, USA

266 - Impact of Malignant Left Ventricular Function on Incident Heart Failure With Reduced Versus Preserved Ejection Fraction: The MESA Study

Matthew N. Peters, Stephen Seliger, Susie Hong-Zohlman, James A. de Lemos, Joao Lima, Lori Daniels, Robert Christenson, Alain Bertoni, Christopher R. DeFilippi, INOVA Heart and Vascular Institute, Falls Church, VA, USA, University of Maryland School of Medicine, Baltimore, MD, USA

268 - Is There a Cardiomyopathy of Obesity? 10 Year Longitudinal Follow Up of Severely Obese Patients in the Utah Obesity Study

Sheldon E. Litwin, Ted D. Adams, Lance E. Davidson, Steven C. Hunt, Medical University of South Carolina, Charelston, SC, USA, University of Utah, Salt Lake City, UT, USA

267 - Impact of Malignant Left Ventricular Function on Incident Heart Failure in Older Adults: The MESA Study

Matthew N. Peters, Christopher R. DeFilippi, Susie Hong-Zohlman, Robert Christenson, Joao Lima, Alain Bertoni, Lori Daniels, Stephen Seliger, INOVA Heart and Vascular Institute, Falls Church, VA, USA, University of Maryland School of Medicine, Baltimore, MD, USA

270 - Incidence of Preclinical (Stage A and B) Heart Failure in the General Population

Kathleen Young, Christopher Scott, Richard Rodeheffer, Horng Chen, Mayo Clinic, Rochester, MN, USA

271 - Global Longitudinal Strain Predicts Sustained Recovery of LV Ejection Fraction in Heart Failure Patients on Evidence Based Medical Therapies

Luigi Adamo, Andrew Perry, Eric Novak, Majesh Makan, Brian Lindman, Douglas Mann, Cardiovascular Division, Department of Medicine, Washington University School of Medicine, St Louis, MO, USA

272 - Circulating Concentrations of Orexin A Are Associated With Left Ventricular Reverse Remodeling and Clinical Outcomes Following Cardiac Resynchronization Therapy

Neal Chatterjee, Nasrien Ibrahim, Timothy Maher, Alberto Aimo, Jackie Szymonifka, Hanna Gaggin, Quynh Truong, Jagmeet Singh, Petr Jarolim, James Januzzi, Massachusetts General Hospital, Boston, MA, USA

273 - Serial Assessment of Heart Rate and Beta Blocker Use in Chronic Heart Failure Patients With Reduced Ejection Fraction in a Large Integrated Healthcare Network

Hanna Kim Gaggin, Alexander Turchin, Harshali Patel, Yang Song, April Trebnick, Gheorghe Doros, Nasrien Ibrahim, Juan Maya, Christopher Cannon, James Januzzi, Harvard Clinical Research Institute, Boston, MA, USA, Amgen Inc, Thousand Oaks, CA, USA

274 - Lipid Transfer to HDL in Patients With Heart Failure Was Diminished and Is Correlated With Severity of the Disease

Ana Elisa Marabini Martinelli, Raul C. Maranhao, Priscila O. Carvalho, Milena N. C. Curiati, Thauany M. Tavoni, Fatima R. Freitas, Antonio Barretto, Heart

Institute of the Medical School Hospital of University of São Paulo, Sao Paulo, Brazil, Faculty of Pharmaceutical Sciences of University of São Paulo, Sao Paulo, Brazil

275 - Prognostic Utility of Haemoglobin/Haematocrit Equations for Estimating Congestion Versus Calculated Plasma Volume Status in Chronic Heart Failure

Francesco Papalia, Klio Konstantinou, Karl Norrington, Hua Zen Ling, Darlington Okonko, King's College London, London, United Kingdom

276 - Exercise Intolerance and Proportional Pulse Pressure Response in Patients With Chronic Heart Failure

Takeshi KITAJI, Chonyang Albert, Timothy Engelman, Justin Grodin, W. H. Wilson Tang, Cleveland Clinic, Cleveland, OH, USA

278 - Clinical Characteristics and Outcomes of Patients With Heart Failure With Reduced Ejection Fraction and Chronic Obstructive Pulmonary Disease: Insights From PARADIGM-HF

Solmaz Ehteshami-Afshar, Nathaniel M Hawkins, Jean Rouleau, Karl Swedberg, Michael Zile, Martin Lefkowitz, Victor Shi, Scott Solomon, Milton Packer, John McMurray, British Heart Foundation (BHF) Cardiovascular Research Centre, Glasgow, United Kingdom

279 - Intravascular Volume Expansion in Patients With Heart Failure and Reduced Ejection Fraction Is Not Revealed by Changes in Cardiac Filling Pressures

Petra Nijst, Pieter Martens, Frederik Verbrugge, Matthias Dupont, Wai Hong Tang, Wilfried Mullens, Ziekenhuis Oost Limburg, Genk, Belgium

280 - Prognostic Role of Neutrophil to Lymphocyte Ratio in Predicting Outcomes in Patients With Chronic Heart Failure

U. Bhalraam, Mohapradeep Mohan, Chim Lang, University of Dundee, Dundee, United Kingdom, United Kingdom

277 - Impact of Proportional Pulse Pressure on Exercise Tolerance and Clinical Outcomes in Patients With Heart Failure With Reduced Ejection Fraction

Takeshi Kitaj, Justin Grodin, W. H. Wilson Tang, Cleveland Clinic, Cleveland, OH, USA

281 - Left Ventricular Mass Index and Other Independent Predictors of Incident Heart Failure

Emmanuel Akintoye, Karim Mahmoud, Jarrett Weinberger, Luis Afonso, Wayne State University/Detroit Medical Center, Detroit, MI, USA

282 - Home Telehealth Reduces Adverse Outcomes in Heart Failure

Anshul Srivastava, Jacquelyn-My Do, Samantha Ly, Jacob Joseph, Veterans Affairs Boston Healthcare System, West Roxbury, MA, USA

283 - Incremental Risk of Ischemic Stroke Over Time in Newly Diagnosed Heart Failure Patients Without Atrial Fibrillation

Jeffrey S. Berger, Eric Peterson, François Laliberté, Guillaume Germain, Dominique Lejeune, Jeffrey Schein, Patrick Lefebvre, Qi Zhao, Matthew Weir, Janssen Scientific Affairs, Raritan, NJ, USA, Groupe d'Analyse Ltée, Montreal, Canada

284 - Associations of HIV Related Factors With Adjudicated Heart Failure (HF) in an Electronic Cohort of HIV-Infected (HIV+) Persons

Alexandra Steverson, Anna E. Pawlowski, Daniel Schneider, Prasanth Nannapaneni, Jes Sanders, Chad J. Achenbach, Sanjiv Shah, Donald Lloyd-Jones, Matthew Feinstein, Northwestern Feinberg School of Medicine, Chicago, IL, USA

285 - The Role of Baseline Versus Long-Term Follow-Up Ejection Fraction in Predicting Adverse Events Among Primary Prevention Implantable Cardioverter Defibrillator Recipients



Daniel J. Friedman, Robert Overton, Linda Shaw, Marat Fudim, Divyang Patel, Eric Velazquez, Sana Al-Khatib, Duke University Hospital, Durham, NC, USA, Duke Clinical Research Institute, Durham, NC, USA

287 - High Risk, Stage B Heart Failure: A Distinct Hemodynamic Profile  
Elizabeth A. Hardin, Michinari Hieda, Erin J. Howden, Christopher Hearon, Satyam Sarma, Benjamin Levine, Institute for Exercise and Environmental Medicine, Dallas, TX, USA, University of Texas Southwestern Medical Center, Dallas, TX, USA

288 - Orthopnea or Paroxysmal Nocturnal Dyspnea in Older Adults Without Prevalent Heart Failure Is a Predictor, but Not an Independent Risk Factor for Incident Heart Failure: Insights From the Cardiovascular Health Study  
Apostolos Tsimploulis, Poonam Bhyan, Phillip Lam, Daniel Dooley, Javed Butler, Prakash C. Deedwania, Gregg Fonarow, Wen-Chi Wu, Marc Blackman, Charity Morgan, Qing Treitler Zeng, Michel White, Ioannis Kanonidis, Wilbert Aronow, Deepak Bhatt, Stefan Anker, Ali Ahmed, Georgetown University Hospital/Washington Hospital Center, Washington, DC, USA, Veterans Affairs Medical Center, Washington, DC, USA

289 - Ambulatory Actigraphy Monitoring of Patients With Heart Failure With Reduced Ejection Fraction Predicts 6-Minute Walk Distance  
Bradley C. Witbrodt, Abhinav Goyal, Erikka Woolfolk, Alanna Morris, Emory University School of Medicine, Atlanta, GA, USA

290 - Clinical Trials of Cardiotoxicity in Breast Cancer  
Ohad Oren, Michal Oren, University of Pennsylvania, Philadelphia, PA, USA, Tel Aviv University, Tel Aviv, Israel

291 - Arterial Elastance Drives Ventilatory Inefficiency in Systolic Heart Failure  
Leo F. Buckley, Salvatore Carbone, Justin Canada, Cory Trankle, Sanah Christopher, Jessica Regan, Michele Mattia Viscusi, Dave L. Dixon, Nayef Abouzaki, Dinesh Kadariya, Ross Arena, Antonio Abbate, Benjamin Van Tassel, Virginia Commonwealth University, Richmond, VA, USA, University of Illinois at Chicago, Chicago, IL, USA

292 - Contemporary Use of Heart Failure Medications in Pediatric Patients With Dilated Cardiomyopathy  
Ivan Wilmot, Marco Rodriguez, Kriti Puri, Juan Feng, BreAnn Taylor, Jacob Mathew, Thomas Ryan, John Jefferies, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

293 - Stress Induced Cardiomyopathy Triggered by Chemotherapy: When Should Cancer Therapy Be Restarted?  
Dana Giza, Juan Lopez-Mattei, Peter Kim, Ezequiel D. Muñoz Gonzalez, Joerg Herrmann, Gloria Iliescu, Eric Yang, Saamir Hassan, Cezar Iliescu, The University of Texas MD Anderson Cancer Center, Houston, TX, USA

295 - Growth Differentiation Factor-15 Is Associated With Mortality in Patients With Severe Acute Heart Failure or Cardiogenic Shock  
Walter S. Speidl, Konstantin Krychtiuk, Max Lenz, Stefan Kastl, Johann Wojta, Gottfried Heinz, Medical University of Vienna, Vienna, Austria

296 - NT-proBNP, Left Ventricular Structure and Function, and Long-Term Cardiovascular Events: Insights From a Prospective Population-Based Cohort Study  
Manan Pareek, Deepak L. Bhatt, Muthiah Vaduganathan, Tor Biering-Sørensen, Jacob E. Møller, Margrét Leósdóttir, Martin Magnusson, Peter M. Nilsson, Michael Olsen, Odense University Hospital, Odense C, Denmark, Brigham and Women's Hospital, Boston, MA, USA

### Interventional Cardiology - Poster Contributions Session #1112

**Head to Toe: Outcomes of Endovascular Interventions**  
Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

119 - Peri-Strut Low Intensity Area Predicts Neointimal Progression Associated With Late Enlargement of Self-Expanding Nitinol Stents in Superficial Femoral Arteries: An Optical Coherence Tomography Study  
Masayasu Ikutomi, Kozo Okada, Kojiro Miki, Ryo Kameda, Fumiyuki Otsuka, Paul Yock, Peter Fitzgerald, Osami Kawarada, Yasuhiro Honda, Stanford University School of Medicine, Stanford, CA, USA

117 - Atherectomy Is Associated With Lower Rates of Repeat Intervention After Below Knee Peripheral Vascular Intervention  
Houman Khalili, Haekyung Jeon-Slaughter, Amutharani Baskar, Ehrin Armstrong, Nicolas Shammas, Andrew Shammas, Anand Prasad, Ian Cawich, Gerardo Rodriguez, Mazen Abu-Fadel, Emmanouil Brilakis, Subhash Banerjee, Veterans Administration North Texas Healthcare System, Dallas, TX, USA, University of Texas Southwestern Medical Center, Dallas, TX, USA

120 - Comparison of Aortic Remodeling After Thoracic Endovascular Repair Between Acute/Subacute Versus Chronic Type B Aortic Dissection  
Yeongmin Woo, Young-Guk Ko, Chul-Min Ahn, Do-Yun Lee, Donghoon Choi, Yonsei Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, South Korea

121 - Improvement of Pituitary Function After Carotid Revascularization for Abnormal Cerebral Perfusion  
Jing-Yi Jhang, Chih-Fan Yeh, Shyang-Rong Shih, Mao-Shin Lin, Hung-Yuan Li, Hsien-Li Kao, National Taiwan University Hospital, Taipei, Taiwan, ROC

122 - Safety and Efficacy of Zilver PTX Drug Eluting Stent Implantation Following Drug Coated Balloon Inflation Versus POBA in Healthy Swine Model  
Sho Torii, Hiroyoshi Mori, Brandt Young, John Brumleve, Alope Finn, Renu Virmani, CVPATH Institute, Gaithersburg, MD, USA

123 - Use of Viabahn Endograft for Repair of Popliteal Artery Aneurysm: Largest Single Center Experience  
Shankho Ganguli, Tracy Hammonds, Tonga Nfor, M. Fuad Jan, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

124 - Safety and Efficacy of Transpedal Access for the Management of Complex Peripheral Arterial Disease  
Konstantinos Marmagkiolis, Jihad Mustapha, Miguel Montero-Baker, Konstantinos Charitakis, Cezar Iliescu, Dmitriy Feldman, Mehmet Cilingiroglu, Florida Hospital - Pepin Heart Institute, Tampa, FL, USA, University of Missouri, Columbia, MO, USA

125 - Late Intervention After Endovascular Aneurysm Repair for Abdominal Aortic Aneurysm: National Hospital Organization Network Study in Japan  
Masayuki Sakaki, Nobuhiro Handa, Toshihiro Onohara, Masakazu Kawasaki, Fuminori Kasashima, Masahiro Okada, Tsuyoshi Yamamoto, Minoru Okamoto, Masafumi Yamashita, Katsutoshi Sato, Shingo Ishiguro, Yasushi Shimoe, Jyunji Kishimoto, National Hospital Organization Network Study Group for AAA, Osaka, Japan

118 - Utilization of Distal Embolic Protection in Infringuinal Peripheral Arterial Intervention: Insights From the Multicenter XLPAD Registry  
Houman Khalili, Haekyung Jeon-Slaughter, Ishita Tejani, Amutharani Baskar, Ehrin Armstrong, Nicolas Shammas, Andrew Shammas, Anand Prasad, Ian Cawich, Gerardo Rodriguez, Mazen Abu-Fadel, Emmanouil Brilakis, Subhash Banerjee, Veterans Administration North Texas Healthcare System, Dallas, TX, USA, University of Texas Southwestern Medical Center, Dallas, TX, USA



126 - Long Term Clinical Outcomes After Endovascular Recanalization in Patients With Chronic Carotid Artery Occlusion  
Mao-Shin Lin, Chi-Sheng Hung, Chih-Fan Yeh, Ching-Chang Huang, Ying-Hsien Chen, Hsien-Li Kao, National Taiwan University Hospital, Taipei, Taiwan, ROC

127 - Improving Procedural Success and Reducing Complications in Endovascular Treatment of Superficial Femoral Artery In-Stent Restenosis in the Presence of Obstructive Tibial Outflow Disease: Retrograde Transpedal Access Approach  
Apurva Patel, Roosha Parikh, John Coppola, Joseph Puma, Tak Kwan, Mount Sinai Beth Israel, New York, NY, USA, New York University School of Medicine, New York, NY, USA

128 - Contemporary Nationwide Trends in Inferior Vena Cava Filter Implantation Rates in the United States and the Effect of Food and Drug Administration Advisory  
Satyajit Reddy, Vladimir Lakhter, Chad Zack, Saurav Chatterjee, Vikas Aggarwal, Riyaz Bashir, Temple University Hospital, Philadelphia, PA, USA, Mayo Clinic, Rochester, MN, USA

129 - Analysis of Outcomes for Bioresorbable Vascular Scaffold Use for the Treatment of Peripheral Vascular Disease  
Mohammad Ansari, Daniel Garcia, Texas Tech University Health Sciences Center, Lubbock, TX, USA, Ochsner Heart and Vascular Institute, New Orleans, LA, USA

130 - Association of Cigarette Smoking With Procedural Cost of Lower Extremity Endovascular Intervention  
Haekyung Jeon-Slaughter, Erum Z. Whyne, Shirling Tsai, Ishita Tejani, Amutharani Baskar, Ehrin Armstrong, Nicolas Shammas, Gerardo Rodriguez, Mazen Abu-Fadel, Ian Cawich, Anand Prasad, Emmanouil Brilakis, Subhash Banerjee, University of Texas Southwestern Medical Center, Dallas, TX, USA, Dallas VA Medical Center, Dallas, TX, USA

### Interventional Cardiology - Poster Contributions

#### Session #1113

#### Considerations in Antiplatelet Therapy and in ACS

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 / CNE Hours: 0.75

131 - Impact of Coronary Anatomical Complexity on the Effect of Extended Duration Dual Antiplatelet Therapy: An Analysis From the Dual Antiplatelet Therapy Study

Robert W. Yeh, Dean Kereiakes, Philippe Steg, Donald Cutlip, Kevin Croce, Patricia Apruzzese, Joseph Massaro, Laura Mauri, Harvard Clinical Research Institute, Boston, MA, USA, Beth Israel Deaconess Medical Center, Boston, MA, USA

132 - Effect of Thrombotic and Bleeding Risk According to Platelet Reactivity on 2-Year Mortality: The ADAPT-DES Study

Jaya Chandrasekhar, Roxana Mehran, George Dangas, Thomas McAndrew, Yiran Zhang, Philippe Genereux, Ajay Kirtane, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA

133 - Association Between Duration of Dual Antiplatelet Therapy and Angiographic Multi-Vessel Disease on Outcomes in Patients Treated With Newer-Generation Drug-Eluting Stents

Seung-Yul Lee, Myeong-Ki Hong, Eui Im, Dong-Ho Shin, Chul Min Ahn, Jung-Sun Kim, Byeong-Keuk Kim, Young-Guk Ko, Donghoon Choi, Yangsoo Jang, Hyo-Soo Kim, Marco Valgimigli, Antonio Colombo, Martine Gilard, Tullio Palmerini, Gregg Stone, Sanbon Hospital, Gunpo, South Korea

134 - Comparison of P2<sub>Y</sub><sub>12</sub> Inhibitors for Mortality and Stent Thrombosis in Patients With Acute Coronary Syndromes: Single Centre Study of 10,793 Consecutive 'Real-World' Patients

Rebecca Gosling, Momina Yazdani, Yasir Parviz, Ian Hall, Ever Grech, Julian Gunn, Robert Storey, Javid Iqbal, Sheffield Teaching Hospitals NHS

Foundation Trust, Sheffield, United Kingdom, University of Sheffield, Sheffield, United Kingdom

135 - Comparison of Bleeding Rates and Clinical Outcomes Between Ticagrelor and Prasugrel in Patients With Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention: A Propensity Score-Matched Analysis

Jeong Cheon Choe, Lee Sun Hack, Jinhee Ahn, Jin Sup Park, Hye Won Lee, Jun-Hyok Oh, Jung Hyun Choi, Han Cheol Lee, Kwang Soo Cha, Taek Jong Hong, Pusan National University Hospital, Busan, South Korea

136 - Effects of Ticagrelor Versus Clopidogrel in Fibrinolytic-Treated STEMI Patients Undergoing Early PCI

Pavam Dehghani, Andrea Lavoie, Shahar Lavi, Rodney Zimmermann, Jeff Booker, Warren Cantor, Shamir Mehta, Sebastian Harenberg, Jennifer Crawford, Sheila Kelly, Asim Cheema, Prairie Vascular Research Network, Regina Qu'Appelle Health Region, Regina, Canada

138 - Trends in Discharge and Outcome of Dual Antiplatelet Therapy Post Percutaneous Intervention in High Bleeding Risk Population

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

137 - Dual Antiplatelet Therapy Utilization and Cardiovascular Outcomes Among Black and White Patients Treated With Drug Eluting Stents

Lonnie T. Sullivan, Hillary Mulder, Karen Chiswell, Linda Shaw, Tracy Wang, Kevin Thomas, Duke University Medical Center, Durham, NC, USA, Duke Clinical Research Institute, Durham, NC, USA

139 - Outpatient Trends in Dual Antiplatelet Therapy Following Acute Coronary Syndrome and Primary Percutaneous Coronary Intervention

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

140 - Readmission and Long-Term Mortality in Older Patients Treated With Ticagrelor Versus Prasugrel After Percutaneous Coronary Intervention: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium

Devraj Sukul, Milan Seth, James M. Dupree, Akshay Khandelwal, Simon R. Dixon, David Wohns, Thomas LaLonde, Hitinder Gurm, University of Michigan, Ann Arbor, MI, USA

141 - Use of Modern Scores to Evaluate Individual Risk/Benefit of Prolonged Dual Anti-Platelet Therapy May Modify Dual Anti-Platelet Therapy Duration in ST-Segment Elevation Myocardial Infarction Patients

Cecile Caze, Gregoire Range, Theodora Bejan-Angoulvant, Denis Angoulvant, Chru Trousseau Francois Rabelais University, Tours, France, Centre Hospitalier Louis Pasteur, Chartres, France

142 - Chronovariability of Platelet Reactivity With the Hemodialysis Cycle

Kenechukwu Mezue, David Wheeler, Parasuram Krishnamoorthy, Peter Fumo, Srikanth Nagalla, Gregg Pressman, Janani Rangaswami, Einstein Medical Center Philadelphia, Philadelphia, PA, USA

143 - Platelet Reactivity and Outcomes After PCI of Lesions With and Without In-Stent Restenosis: The ADAPT-DES Study

Bjorn Redfors, Philippe Genereux, Ajay Kirtane, Bernhard Witzenbichler, Akiko Maehara, Giora Weisz, Thomas McAndrew, Roxana Mehran, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA, Columbia University Medical Center, New York, NY, USA

144 - Novel Biomarker Algorithmic Panel Measuring Permutations of Immune Response to Cardiac Endothelial Injury and Global Risk Factors Identifies Patients at Risk of Acute Coronary Syndrome



Douglas Stephen Harrington, Yanglu Zhao, Americo Simonini, Nathan Wong, University of Southern California, Los Angeles, CA, USA, University of California at Irvine, Irvine, CA, USA

145 - Use of Antiplatelets and Anticoagulants in Septic Patients With Troponin Elevation: Insights From Type II MI Study

Waqas Qureshi, Hanumantha Rao Jogu, Wake Forest Baptist School of Medicine, Winston Salem, NC, USA

**146 - The Serial Platelet Function Testing Predicts Long-Term Prognosis Among Patients Undergoing Complex Percutaneous Coronary Intervention**  
Mengmeng Li, Quan Li, Fang Chen, Department of Cardiology, Beijing Anzhen Hospital, Beijing, People's Republic of China, Beijing Institute of Heart Lung and Blood Vessel Disease, Beijing, People's Republic of China

148 - Contemporary Outcomes of Anterior Segment ST-Elevation Myocardial Infarction: A Large 10-Year Tertiary Care Experience

Wamiq Y. Banday, M. Fuad Jan, Tadele Mengesha, Robyn L. Shearer, Tanvir Bajwa, Suhail Allaqaband, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

147 - Bivalirudin Versus Heparin in Primary PCI: Clinical Outcomes and Cost Analysis From a Large Retrospective Cohort

Pierre Deharo, Raveen Kandan, Hazim Rahbi, Abdul Mozid, Stephen Dorman, Tom Johnson, Julian Strange, Andreas Baumbach, Bristol Heart Institute, Bristol, United Kingdom

### Interventional Cardiology - Poster Contributions Session #1114

#### Interventional Cardiology: TAVR 1

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 / CNE Hours: 0.75

149 - Hands Down: Operator Hand Versus Torso Radiation Exposure During Transcatheter Aortic Valve Replacement

Alec Vishnevsky, Rady Ho, Michael Savage, David Fischman, Praveen Mehrotra, John C. Entwhistle, III, Jordan Goldhammer, Rebecca Marcantuono, Lisa Moss, John Keklak, Marguerite Davis, Theresa Schmitz, Paul Walinsky, Rohinton Morris, Nicholas Ruggiero, Thomas Jefferson University Hospital, Philadelphia, PA, USA

150 - Provider Radiation Exposure During Transcatheter Aortic Valve Replacement

Alec Vishnevsky, Rady Ho, Michael Savage, David Fischman, Praveen Mehrotra, John C. Entwhistle, III, Jordan Goldhammer, Rebecca Marcantuono, Lisa Moss, John Keklak, Marguerite Davis, Theresa Schmitz, Paul Walinsky, Rohinton Morris, Nicholas Ruggiero, Thomas Jefferson University Hospital, Philadelphia, PA, USA

151 - Assessment of Right Sided Hemodynamic Parameters as Predictors of Early Outcomes After Transcatheter Aortic Valve Replacement

Mihir Barvalia, Rajiv Tayal, Marc Cohen, Martin Miguel Amor, Lilia Tcharnaia, Emmanuel Achu, Alan Weinberg, Najam Wasty, Mark Russo, Bruce Haik, Newark Beth Israel Medical Center, Newark, NJ, USA

152 - Prognostic Value of Right Ventricular Function Assessed by Cardiac Computed Tomography in Patients Undergoing Transcatheter Aortic Valve Replacement

Yohannes Aberra Bayissa, Firas Zahr, Rami Kafa, Hazim El-Haddad, Andres Vargas Estrada, Chad Ward, Musab Alqasrawi, Gardar Sigurdsson, University of Iowa Hospitals and Clinics, Iowa City, IA, USA, Oregon Health and Science University, Portland, OR, USA

153 - Sizing Aortic Valve Annulus for Transcatheter Aortic Valve Prosthesis Selection: Impact of Aortic Valve Calcification Burden on the Agreement Between Automated 3-Dimensional Transesophageal Echocardiography and Multidetector Row Computed Tomography

Tomaz Podlesnikar, Edgard Prihadi, Philippe Rosendael, Elise Vollema, Frank Kley, Nina Ajmone Marsan, Zlatko Fras, Jeroen Bax, Victoria Delgado, Leiden University Medical Center, Leiden, The Netherlands

154 - The Use of Magnetic Resonance Imaging With Ferumoxytol for Annulus Sizing in Patients With Chronic Kidney Disease Undergoing Transcatheter Aortic Valve Replacement

Sanjum S. Sethi, William Suh, Kathryn Cardoza, Murray Kwon, Richard Shemin, J. Paul Flinn, Gabriel Vorobiof, Eric Yang, Olcay Aksoy, UCLA Medical Center, Los Angeles, CA, USA

155 - TAVR Is Safe and Improves Cardiac Function in Patients With Extremely Low Ejection Fractions

Chase R. Brown, Robert Li, Saif Anwaruddin, Nimesh Desai, Prashanth Vallabhajosyula, Jay Giri, Howard Herrmann, Joseph Bavaria, Wilson Szeto, Matthew Williams, Hospital of the University of Pennsylvania, Philadelphia, PA, USA, Penn Presbyterian Medical Center, Philadelphia, PA, USA

156 - Outcomes of the Different Flow/Gradient Patterns of Aortic Stenosis After Aortic Valve Replacement: Insights From PARTNER 2A Trial

Philippe Pibarot, Zachary Gertz, Howard Herrmann, Rebecca Hahn, Wael Jaber, Leonardo Rodriguez, Neil Weissman, Jonathon Leipsic, Philipp Blanke, John Webb, Yiran Zhang, Marie-Annick Clavel, Maria Alu, Pamela S. Douglas, Raj Makkar, D. Craig Miller, Brian Lindman, Vinod Thourani, Martin Leon, Laval University, Quebec, Canada, Columbia University Medical Center, New York, NY, USA

157 - Safety and Efficacy of Using Pressure Wire With Dobutamin Infusion in Themoynamic Assessment of Low Flow Low Gradient Aortic Stenosis

Zaher Fanari, Prasad Gunasekaran, Arslan Shaukat, Sumaya Hammami, Andrew J. Doorey, William Weintraub, Mark Wiley, Buddhadeb Dawn, Peter Tadros, University of Kansas, Kansas City, KS, USA, Christiana Care Health system, Newark, DE, USA

158 - Novel Plane of Measurement to Evaluate Accurate Valve Size in Patients Undergoing Transcatheter Aortic Valve Replacement

Yash Jobanputra, Brandon Jones, Kimi Sato, Kinjal Banerjee, Krishna Kandregula, Amar Krishnaswamy, Stephanie Mick, Jose Navia, Samir Kapadia, Cleveland Clinic, Cleveland, OH, USA

159 - Impact of Flow, Gradient, and Left Ventricular Function on Outcomes After Transcatheter Aortic Valve Replacement

Edward T. Carreras, Tsuyoshi Kaneko, Fernando Ramirez-Del Val, Marc P. Pelletier, Piotr Sobieszczyk, Deepak Bhatt, Pinak Shah, Brigham and Women's Hospital, Boston, MA, USA, Boston, MA, USA

160 - The Inflammasome Pathway Is Associated With Adverse Ventricular Remodeling Following Transcatheter Aortic Valve Replacement

Juyong Brian Kim, Yukari Kobayashi, Tatiana Kouznetsova, Kegan Moneghetti, Daniel Brenner, Ryan O'Malley, Catherine Dao, Ingela Schnittger, David Liang, Joseph Wu, Michael Fischbein, Anson Lee, D. Craig Miller, Alan Yeung, William Fearon, Francois Haddad, Stanford University, Stanford, CA, USA

161 - Intraoperative Change in Myocardial Contractility With Transcatheter Aortic Valve Replacement Predicts Cardiovascular Outcomes

Vasvi Singh, Vijay Iyer, Asma Mursleen, Rosemary Hansen, Stanley Fernandez, Saurabh Malhotra, University at Buffalo, Buffalo, NY, USA

162 - Temporal Change in Myocardial Contractility After Transcatheter Aortic Valve Replacement and Its Relationship With Quality of Life

Vasvi Singh, Vijay Iyer, Asma Mursleen, Rosemary Hansen, Stanley Fernandez, Saurabh Malhotra, University at Buffalo, Buffalo, NY, USA

163 - Baseline Absence of Electrocardiographic Left Ventricular Hypertrophy Is Associated With Increased Mortality After Transcatheter Aortic Valve Replacement

Ajayram Ullal, Polydoros Kampaktsis, Rajesh Swaminathan, Shing-Chiu Wong, Robert Minutello, Dmitriy Feldman, Geoffrey Bergman, Luke Kim, Harsimran



Singh, Peter Okin, NewYork-Presbyterian Hospital/Weill Cornell Medical Center, New York, NY, USA

164 - Effect of Valve Oversizing on Leaflet Bending Stress in the CoreValve: An In Vitro Study

Viktoria Stanova, [Anne-Sophie Zenses](#), Régis Rieu, Lionel Thollon, Lyes Kadem, Morgane A. Evin, Philippe Pibarot, Institut des Sciences du Mouvement UMR 7287 - CNRS & Aix-Marseille Université, Marseille, France, Laboratoire de Biomechanique Appliquée - UMRT24 IFSTTAR- Aix Marseille Université, Marseille, France

165 - "Cusp Overlap" View Facilitates Accurate Fluoro-Guided Implantation of Self-Expanding Valve in TAVR

[Anoshia Raza](#), Syed Zaid, Iassen Michev, Hasan Ahmad, Ryan Kaple, Cenap Undemir, Angelica Poniros, Alexis Kearns, Joanne Bennett, Cheng Feng, Tanya Dutta, Amar Shah, Anthony Gilet, Martin Cohen, Steven Lansman, Gilbert Tang, Westchester Medical Center, Valhalla, NY, USA

166 - Pacing Over Guidewire, Stepwise to Minimalism in Tavi: A Single Center Experience

[Sara Casquero Dominguez](#), Luis-S. Diaz de la Llera, Jose M. Cubero, Monica Fernandez Quero, Agustin Guisado Rasco, Francisco Jose Guerrero Marquez, Manuel Villa Gil-Ortega, University Hospital Virgen del Rocío, Seville, Spain

### Interventional Cardiology - Poster Contributions

#### Session #1115

#### Interventional Cardiology: Intravascular Physiology and Endothelial Function

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

167 - Impact of Saline Induced Pd/Pa Ratio for Predicting Functional Significance of Intermediate Coronary Artery Stenosis Assessed by Fractional Flow Reserve

Yoshiharu Fujimori, [Satoshi Hashimoto](#), Kenichiro Ebisuda, Kazuto Kurihara, Yasushi Yamanaka, Tomoko Baba, Tomoyuki Seki, Shigeru Nishiyama, Shiho Mizutani, Kyohai Yamazaki, Tadamas Wakabayashi, Taku Imai, Suwa Central Hospital, Department of Cardiology, Chino, Japan, Showa Inan General Hospital, Department of Cardiology, Komagane, Japan

168 - Relationship Between Coronary Physiological Parameters and Cardiac Biomarkers in Patients Undergoing Invasive Coronary Angiography

[Rikuta Hamaya](#), Taishi Yonetsu, Tadashi Murai, Yoshihisa Kanaji, Masahiro Hoshino, Masahiro Hada, Takayuki Niida, Sadamitsu Ichijo, Yoshinori Kanno, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura, Japan

169 - Long-Term Vascular Response to Permanent Polymer Everolimus-Eluting Stent Compared With Biodegradable Polymer Biolimus-Eluting Stent: Five-Year Follow-Up Optical Coherence Tomography Study

[Shoichi Kuramitsu](#), Shinjo Sonoda, Hiroyuki Jinnouchi, Yoshitaka Muraoka, Takenori Domei, Makoto Hyodo, Shinichi Shirai, Kenji Ando, Kokura Memorial Hospital, Kitakyushu, Japan

170 - Instantaneous Wave-Free Ratio Scout Pullback (iFR Scout) Pre-Angioplasty Predicts Hemodynamic Outcome in Humans With Coronary Artery Disease: Primary Results of International Multicentre iFR GRADIENT Registry

[Christopher Cook](#), Yuetsu Kikuta, Andrew Sharp, Pablo Salinas, Masafumi Nakayama, Gilbert Wijntjens, Sayan Sen, Ricardo Petraco da Cunha, Rasha Al-Lamee, Sukhjinder Nijjer, Atsushi Mizuno, Martin Mates, Luc Janssens, Farrel Hellig, Kazunori Horie, John Davies, Masahiro Yamawaki, Thomas Keeble, Flavio Ribichini, Ciro Indolfi, Jan Piek, Carlo Di Mario, Javier Escaned, Hitoshi Matsuo, Justin Davies, Imperial College London, London, United Kingdom

171 - Significance of Microcirculatory Resistance in Visual-Functional Mismatch Between Coronary Angiography and Fractional Flow Reserve in Non-Left Main Lesions

[Eisuke Usui](#), Taishi Yonetsu, Tetsumin Lee, Tadashi Murai, Yoshihisa Kanaji, Masahiro Hoshino, Takayuki Niida, Masahiro Hada, Rikuta Hamaya, Mitsuaki Isobe, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura, Japan

172 - Outcomes of Fractional Flow Reserve Based Deferral in Saphenous Vein Graft Lesions

[Ahmed A. Almomanj](#), Naga Venkata Pothineni, Mohan Mallik Edupuganti, Jason Payne, Shiv Kumar Agarwal, Barry Uretsky, Abdul Hakeem, University of Arkansas for Medical Sciences, Division of Cardiology, Little Rock, AR, USA, Central Arkansas Veterans Healthcare System, Little Rock, AR, USA

173 - Association of Coronary Epicardial Endothelial Dysfunction With Low Endothelial Shear Stress in Patients With Mild Coronary Atherosclerosis Who Presented With Chest Pain

[Gerasimos Siasos](#), Jaskanwal Sara, Marina Zaromytidou, Kyoung H. Park, Shi-Wei Yang, Ahmet Coskun, Lilach Lerman, Dimitris Fotiadis, Lampros Michalis, Michail Papafaklis, Kostas Stefanou, Michelle Lucier, Charles Feldman, Amir Lerman, Peter Stone, Brigham & Women's Hospital, Harvard University, Boston, MA, USA, Mayo Clinic, Rochester, MN, USA

174 - Comparison of Very Late Vascular Response Beyond 2 Years After Stent Implantation Between EES and BES: An OCT Sub-Study of the NEXT

[Yosuke Katayama](#), Takashi Kubo, Takashi Akasaka, Akira Taruya, Tsuyoshi Nishiguchi, Yuichi Ozaki, Akio Kuroi, Ikuko Teraguchi, Takashi Yamano, Tomoyuki Yamaguchi, Yasushi Ino, Hironori Kitabata, Yoshiki Matsuo, Takeshi Hozumi, Atsushi Tanaka, Takeshi Kimura, Wakayama Medical University, Wakayama City, Japan

175 - Anatomic Versus Ischemic Burden in Predicting Outcomes of Coronary Artery Disease: Data From IRIS-FFR Registry

[Dovoon Kang](#), Jung-Min Ahn, Ungeong Do, Osung Kwon, Kyusup Lee, Jung Ae Hong, Se Hun Kang, Pil Hyung Lee, Duk-Woo Park, Soo-Jin Kang, Seung-Whan Lee, Young-Hak Kim, Cheol Whan Lee, Seong-Wook Park, Seung-Jung Park, Heart Institute, Asan Medical Center, Seoul, South Korea

177 - Atherosclerotic Plaque Morphology in Response to High Intensity Lipid Lowering Therapy by Multimodality Imaging Among Women and Men: A YELLOW-II Sub-study

[Samit Bhatheja](#), Kipp Johnson, Yuliya Vengrenyuk, Shameer Khader, Takahiro Yoshimura, Glicksberg Benjamin, Akiko Maehara, Meerarani Purushothaman, Milind Mahajan, Pedro Moreno, Roxana Mehran, Usman Baber, Joel Dudley, Jagat Narula, Samin Sharma, Annapoorna Kini, Mount Sinai Hospital and Icahn School of Medicine at Mount Sinai, New York, NY, USA

178 - Decision Making Using Fractional Flow Reserve Is Associated With Lower Rates of Incomplete Revascularization Compared With Angiographic Guided Decision Making Amongst Patients With NSTEMI

Jamie John Layland, Jaclyn Carberry, Vanessa T. Y. May, Matthew Lee, Hany Eteiba, Mitchell Lindsay, Mark Petrie, Margaret McEntegart, Stuart Watkins, Aadil Shaikat, Keith Oldroyd, Nick Curzen, Arvind Sood, Kanarath Balachandran, Rajiv Das, Shahid Junejo, Andrew Hannah, Andrew Stewart, Robert Henderson, Alex McConnachie, [Colin Berry](#), University of Glasgow, Glasgow, United Kingdom

179 - Comparison of Adenosine Fractional Flow Reserve and Post-Contrast Instantaneous Wave-Free Ratio for Hemodynamic Assessment of Moderate Coronary Stenoses

[Samir B. Pancholy](#), Sukrut Nanavaty, Neha Pancholy, Maitri Pancholy, Kaveet Pandya, John Coppola, Tak Kwan, Tejas Patel, Aman Patel, Hemant Tiwari, The Wright Center for Graduate Medical Education, Scranton, PA, USA

180 - Impact of Utilizing Fractional Flow Reserve With Percutaneous Coronary Intervention on Readmissions: An Analysis of the 2013 National Readmissions Database

[Afnan R. Tariq](#), Aditya Mantha, University of California Irvine, Orange, CA, USA



181 - Predictors of Flow-Limiting Fractional Flow Reserve in Coronary Lesions With Intermediate Instantaneous Wave-Free Ratio  
Yumiko Kanej, Bora Toklu, Neil Patel, Wonkyoung Lee, John Fox, Mount Sinai Beth Israel, New York, NY, USA

182 - Appropriateness of Coronary Artery Bypass Grafting Based on Fractional Flow Reserve Lesions Assessment  
Samer Mansour, Ayoub El Hammiri, Alexis Matteau, Brian Potter, Nicolas Noiseux, Louis-Mathieu Stevens, François Gobeil, Centre Hospitalier de l'Université de Montreal, Montreal, Canada

183 - Optical Coherence Tomography Assessment of Coronary Atherectomy Effect: Comparison Between Orbital and Rotational Atherectomy in Severely Calcified Lesions  
Myong Hwa Yamamoto, Akiko Maehara, Gary Mintz, Keyvan Karimigalougah, Sung Sik Kim, Kisaki Amemiya, Monica Losquadro, Elizabeth Haag, Jeffrey Moses, Fernando Sosa, Richard Shlofmitz, Masahiko Ochiai, Ziad Ali, Cardiovascular Research Foundation, New York, NY, USA

184 - Neointimal Pattern and Clinical Outcome After Drug-Eluting Stent Implantation: Comparison Between First Generation and Second Generation Drug-Eluting Stents  
Erika Yamamoto, Takumi Higuma, Lei Xing, Yoshiyasu Minami, Krzysztof Bryniarski, Jiannan Dai, Thomas Zanchin, Tomoyo Sugiyama, Zhao Wang, Aaron Aguirre, Hang Lee, Ik-Kyung Jang, Massachusetts General Hospital, Boston, MA, USA

### Interventional Cardiology - Poster Contributions

#### Session #1116

#### Interventional Cardiology: Translation and Pre-Clinical Research

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

185 - Intramyocardial Autologous CD34+ Cell Therapy for Refractory Angina: A Meta-Analysis  
Poonam Velagapudi, Mohit Turagam, Dhaval Kolte, Sahil Khera, Herbert Aronow, Jane Leopold, J. Abbott, Brown University, Providence, RI, USA

186 - Development of a Novel Side-Branch Stent: In-Vitro Study  
Amerjeet Singh Banning, Vincent Garitey, Karim Mouniemne, Justyna Janus, Michael Kelly, Julian Gunn, Anthony Gershlick, Department of Cardiovascular Sciences, University of Leicester, Leicester, United Kingdom, Department of Cardiology, Glenfield Hospital, Univeristy Hospitals of Leicester NHS Trust, Leicester, United Kingdom

187 - Endothelial Maturation and Function Following Implantation of Abluminal Coating Biodegradable Polymer Based Sirolimus-Eluting Metallic Stent Versus Conformal Coating Durable Polymer Based Everolimus Eluting Stent  
Hiroyoshi Mori, Qi Cheng, Christoph Lutter, Eduardo Acampado, Liang Guo, Matthew Kutyna, Sho Torii, Emanuel Harari, Renu Virmani, Aloke Finn, CVPath institute, Gaithersburg, MD, USA, MD, USA

188 - Combined Prebiotics and Probiotics Treatment Is Not Superior to Single Regimen for Cardioprotection in Obese-Insulin Resistant Rats  
Nipon Chattipakorn, Wannipa Tunapong, Sakawduen Yasom, Keerati Wachai, Titikorn Chunchai, Pongpan Tanajak, Nattayaporn Apaijai, Parameth Thiennimitr, Sasithorn Sirilun, Chaiyavat Chaiyasut, Anchalee Pongchaidecha, Anusorn Lungkapin, Wasana Pratchayasakul, Siriporn Chattipakorn, Chiang Mai University, Chiang Mai, Thailand

189 - Non-Invasive Point-of-Care Method for Measuring Left-Ventricular Stroke-Volume Using a Passive Electromagnetic Skin Patch Sensor  
Favez H. Alruwaili, Jacob Griffith, Kim Cluff, Jeremy Patterson, Wichita State University, Wichita, KS, USA

190 - Both the Novel NMR Biomarker of Inflammation, GlycA, and HS-CRP Are Independent and Additive Predictors of Future Cardiovascular Events Among Patients Undergoing Coronary Angiography: Results From the Intermountain Heart Collaborative Study  
J. Brent Muhlestein, Heidi May, Oxana Galenko, Kirk Knowlton, James Otvos, Margery Connelly, Donald Lappe, Jeffrey Anderson, Intermountain Medical Center, Murray, UT, USA, LipoScience, Laboratory Corporation of America Holdings, Raleigh, NC, USA

191 - Novel Preclinical Assessment of Transcatheter Mitral Valve Replacement by Micro Computed Tomography:  $\mu$ CT Imaging Guided Histopathological Evaluation  
Armando Tellez, Krista N. Hemming, Amit Vasanti, Zacahry J. Kaufman, Brett A. Hoover, Muralidhar Padala, Dane A. Brady, Serge Rousselle, Alizee Pathology, Thurmont, MD, USA, Image IQ, Cleveland, MD, USA

192 - Deliverability and Safety of a Novel Non-Invasive, Ultrasound-Based Renal Nerve Ablation System in a Large Preclinical Model via Histopathological Evaluation  
Armando Tellez, Michael Gertner, Krista N. Dillon, Don Christopher, Dane Brady, Serge Rousselle, Alizee Pathology, Thurmont, MD, USA, Kona Medical, Bellevue, WA, USA

193 - Comparison of *In Vivo* Optical Coherence Tomography Derived Plaque Phenotype and Burden With Histology in a Porcine Model of Advanced Coronary Atherosclerosis  
Christian Bo Poulsen, Ryan Pedrigi, Niels Holm, Nilesh Pareek, Ismail Kilic, Anouk L. Post, Carlo Di Mario, Jacob Bentzon, Hans Botker, Erling Falk, Rob Krams, Ranil de Silva, Department of Cardiology Aarhus University Hospital, Aarhus, Denmark, Imperial College London, London, United Kingdom

194 - Boron Based Hgf Memetic Molecule Has Cardioprotective Role Against Ischemia-Reperfusion Injury  
Zubair Shah, Tanner Buehler, Lei Chen, Robert Vincent, Guangming Cheng, Bhaskar Das, Buddhadeb Dawn, University of Kansas Medical Center, Kansas City, KS, USA

195 - A Clonal Population of Allogeneic Bone Marrow Fibroblasts Indirectly Mitigates Damage in Myocardial Infarction  
Yen-Wen Liu, Mineo Iwata, Elina Minami, Kraig Abrams, Beverly Torok-Storb, National Cheng Kung University Hospital, Tainan, Taiwan, ROC

196 - Host Intestinal Epithelium Derived miRNAs Shape the Microbiota and Its Implication in Cardiovascular Diseases  
Lianbi Zhao, Xueying Zhou, Wenbin Cai, Ruijing Shi, 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

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

#### Session #1117

#### Non Invasive Imaging: Applications in Novel Disease States and Clinical Scenarios

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

197 - Small Dense Low Density Lipoprotein Particle Number Relates to Coronary Plaque Burden Independent of Traditional Cardiovascular Risk Factors in Psoriasis  
Balaji Natarajan, Abhishek Chaturvedi, Amit Dey, Jonathan Chung, Joshua Rivers, Anshuma Rana, Justin Rodante, Heather Teague, Joanna Silverman, Gregory Sanda, Alexander Sorokin, Yvonne Baumer, Charlotte Harrington, Joseph Lerman, Aditya Joshi, Martin Playford, Nehal Mehta, National Institutes of Health, Bethesda, MD, USA, University of Arizona College of Medicine at South Campus, Tucson, AZ, USA



198 - Angiographic Dye Prior to Combined Heart-Kidney Donation Does Not Appear to Harm Donor Kidney Function After Transplant

Derek Leong, Tamar Aintablian, Jignesh Patel, Michelle Kittleson, Dael Geft, Lawrence Czer, Jon Kobashigawa, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

199 - Prognostic Implications of Epicardial Fat Volume Quantification in Acute Pericarditis

Alexis S. Antonopoulos, George Lazaros, Evangelos Oikonomou, Panagiotis Vasileiou, Evangelos Oikonomou, Evangelia Stroumpouli, Apostolos Karavidas, Charalambos Antoniadis, Dimitris Tousoulis, Cardiology Department, Hippokraton Hospital, Athens Medical School, Athens, Greece

200 - Utility of Cardiac Computed Tomography Scanning in the Diagnosis and Pre-Operative Evaluation of Patients With Infective Endocarditis

Jason Sims, Nandan Anavekar, Krishnaswamy Chandrasekaran, James Steckelberg, Walter Wilson, Bernard Gersh, Larry Baddour, Daniel Christopher DeSimone, Mayo Clinic, Rochester, MN, USA

201 - Is There an Association Between Vitamin D Deficiency and Disease Severity on Coronary CT Angiography?

Anna Liza Valina-Toth, Judith Boura, Gilbert Raff, Kavitha Chinnaiyan, William Beaumont Hospital, Royal Oak, MI, USA

202 - Aortic Vascular Inflammation by 18-FDG PET/CT Associates With High-Risk Coronary Plaques in Young Psoriasis Patients

Abhishek Chaturvedi, Joseph Lerman, Veit Sandfort, Jonathan Chung, Amit Dey, Joshua Rivers, Aditya Joshi, Anshuma Rana, Justin Rodante, Heather Teague, Joanna Silverman, Qimin Ng, Greg Sanda, Charlotte Harrington, Alexander Sorokin, Yvonne Baumer, Joel Gelfand, Martin Playford, Mark Ahlman, David Bluemke, Nehal Mehta, National Institutes of Health, Bethesda, MD, USA

203 - Impact of Cardiac Troponin I on the Presence of the Coronary Artery Plaque in Rheumatoid Arthritis patients

Negin Nezarat, Dong Li, Matthew Budoff, Rine Nakanishi, Nasim Sheidaii, Sina Rahmani, Kazuhiro Osawa, Hong Qi, Michael Kim, Eranthi Jayawardena, Nicolai Hathiramani, Ferdinand Flores, George Karpouzias, Los Angeles Biomedical Research Institute, Torrance, CA, USA

204 - Association of Abdominal Aortic Wall Inflammation, Hepatic Fluorodeoxyglucose Uptake AND Visceral Adipose Tissue Biological Activity in Patients With Dyslipidemias

Koutagiar Peter Iosif, Konstantinos Toutouzas, Georgios Benetos, Nikoletta Piannou, Alexios Antonopoulos, Alexandros Georgakopoulos, Ioannis Skoumas, Spyridon Galanakis, Angeliki Rigatou, Pavlos Kafouris, Andreas Synetos, George Spyrou, Charalambos Antoniadis, Eleftherios Tsiamis, Constantinos Anagnostopoulos, Dimitris Tousoulis, First Department of Cardiology, Medical School, University of Athens, Hippokraton Hospital, Athens, Athens, Greece, Biomedical Research Foundation A, Athens, Greece

205 - The Intracavitary Coronary Artery: A Rare Anomaly With Implications for Invasive Cardiac Procedures - Demonstration by Coronary Computed Tomography Angiography

Christopher Michael Buckley, Thomas Rosamond, S. Roy Hegde, Louis Wetzel, University of Kansas School of Medicine, Kansas City, KS, USA

206 - Left Ventricular Assist Device Evaluation Using Cardiac CT: Initial Experience at a High Volume Center

William Guy Weigold, Valerie Verdun, MedStar Washington Hospital Center, Washington, DC, USA, Georgetown University School of Medicine, Washington, DC, USA

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

#### Session #1118

#### Non Invasive Imaging: MR Characterization and Function

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

207 - Myocardial Oxygenation Using Blood Level-Oxygen Dependent Sequence in Magnetic Resonance Determines Myocardial Energetics and Capillary Density

Carlos G. Santos-Gallego, Ida U. Njerve, Belen Picatoste, Kiyotake Ishikawa, Roger Hajjar, Valentin Fuster, Angel Sanz Salvo, Juan Badimon, Icahn School of Medicine at Mount Sinai, New York City, NY, USA

208 - Defining Risk Associated With Left Ventricular Hypertrophy Patterns as Assessed by Cardiac Magnetic Resonance Imaging

Robert J. H. Miller, Ahmed Abdi Ali, Yoko Mikami, Bobby Heydari, Andrew Howarth, Carmen Lydell, Stephen Wilton, James White, University of Calgary, Calgary, Canada

209 - Elevated Myocardial Extracellular Volume Fraction (ECV) and Its Prognostic Significance in Diabetic Individuals

Mohammad Khan, Eric Yang, Mohamad Ghosn, Faisal Nabi, Stephen Pickett, Patrick Green, David Aguilar, William Zoghbi, Sherif Nagueh, Dipan Shah, The Houston Methodist Hospital, Houston, TX, USA

210 - Left Ventricular Torsion Shear Angle Volume Approach for Non-Invasive Evaluation of Diastolic Dysfunction in Preserved Ejection Fraction

Himanshu Gupta, Oleg F. Sharifov, Chun S. Schiros, Inmaculada Aban, Gilbert Perry, Louis J. Dell'italia, Thomas Denney, University of Alabama at Birmingham, Birmingham, AL, USA

211 - T1 Mapping Assesses Diagnosis, Severity and Prognosis in Acute Myocarditis

Chirag Agarwal, Carlos Santos-Gallego, Juan Antonio Requena-Ibanez, Allen Weiss, Rebecca Smoller, Valentin Fuster, Juan Badimon, Angel Sanz Salvo, Maimonides Medical Center, Brooklyn, NY, USA, Icahn School of Medicine at Mount Sinai, New York, NY, USA

212 - Is Myocardial Fibrosis a Hallmark of Paradoxical Low Gradient Aortic Stenosis?

Alisson Slimani, Clotilde Roy, Christophe De Meester, Mihaela Amzulescu, Christophe Beauloye, Anne-Catherine Pouleur, David Vancraeynest, Agnes Pasquet, Bernhard Gerber, Jean-Louis Vanoverschelde, Cliniques Universitaires Saint Luc, Brusel, Belgium

213 - Prognostic Value and Determinants of Left Atrial Function Assessed by Cardiac Magnetic Resonance in ST-Segment Elevation Myocardial Infarction

Jakob Ledwoch, Thomas Stiermeier, Georg Fuernau, Suzanne de Waha, Charlotte Eitel, Janine Poess, Steffen Desch, Gerhard Schuler, Holger Thiele, Ingo Eitel, University Heart Center Luebeck, Luebeck, Germany

214 - An Unrestrained Proinflammatory M1 Macrophage Population Induced by Iron Nanocrystals Impairs Myocardial Healing After Hemorrhagic Infarction

Ivan Cokic, Avinash Kali, Richard Tang, Hsin-Jung Yang, Andreas Kumar, Frank S. Prato, Joseph Francis, Eduardo Marban, Rohan Dharmakumar, Cedars-Sinai Medical Center, Los Angeles, CA, USA

215 - Time Varying Effect of Total Scar on Mortality in Patients With Cardiomyopathy Undergoing Cardiac Resynchronization Therapy

Saleem Toro, Serge Harb, Nancy Obuchowski, Niraj Varma, Scott Flamm, Brian Griffin, Deborah Kwon, Cleveland Clinic Foundation, Cleveland, OH, USA

216 - Validation of CMR-Derived Left Ventricular Strain Measurements by Free-Breathing Motion-Corrected Cine Imaging



Anthony Merlocco, Russell Cross, Peter Kellman, Hui Xue, Michael Hansen, Laura Olivieri, Children's National Health System, Washington, DC, USA

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

#### Session #1119

#### Imaging the Athlete's Heart

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

217 - Pooled Cohort Equation and Coronary Artery Calcium in Retired National Football League Athletes

David Carruthers, Parag Joshi, Christopher Maroules, Colby Ayers, James Gentry, Philip Aagaard, Rory Hachamovitch, Reginald Dunn, Andrew Lincoln, Andrew Tucker, Kezia Alexander, Dermot Phelan, University of Texas Southwestern Medical Center, Dallas, TX, USA, Department of Cardiovascular Medicine, Heart and Vascular Institute, Cleveland Clinic, Cleveland, OH, USA

218 - Acute Coronary Syndromes During Endurance Sports: Olmsted County Experience

Karina Auristela Gonzalez Carta, Stephanie Joppa, Shausha Farooq, Nasir Hussain, Thomas Allison, Mayo Clinic, Rochester, MN, USA

219 - Differential American-Style Football Training Intensities and Cardiac and Vascular Remodeling Patterns

Jonathan H. Kim, Casey Hollowed, Morgan Irwin-Weyant, Keyur Patel, Kareem Hosny, Hiroshi Aida, Zaina Gowani, Patrick Gleason, Salman Sher, James Shoop, Angelo Galante, Craig Clark, Thomas Marshall, Gene Patterson, Gary Schmitt, Yi-An Ko, Arshed Quyyumi, Aaron Baggish, Emory University, Atlanta, GA, USA

220 - Sleep Disordered Breathing and Cardiovascular Correlates in Collegiate American Style Football Participants

Jonathan H. Kim, Casey Hollowed, Morgan Irwin-Weyant, Keyur Patel, Kareem Hosny, Patrick Gleason, Hiroshi Aida, Zaina Gowani, Salman Sher, James Shoop, Angelo Galante, Craig Clark, Arshed Quyyumi, Nancy Collop, Aaron Baggish, Emory University, Atlanta, GA, USA

221 - Addressing Reference Echocardiographic Parameters in Athletic Screening: A College Football-Based Study Focusing on the Implications of Race and Correction for Body Composition

Kegan Moneghetti, Tamanna Singh, Zoe Kooreman, Jeffrey Christle, Victor Froelicher, Matthew Wheeler, Euan Ashley, Francois Haddad, Stanford Cardiovascular Institute, Palo Alto, CA, USA

222 - General Population Screening for Sudden Cardiac Death in Young Individuals: Is It Feasible, Is It Justifiable & How Much Does It Cost?

Navin Chandra, Mohamad Barakat, Harshil Dhutia, Michael Papadakis, Rachel Bastiaenen, Sanjay Sharma, St. George's University of London, London, United Kingdom

223 - Free-Breathing MRI Evaluation of Cardiac Volume Measurements During In-Scanner Exercise

James David Enos, Hui Xue, Peter Kellman, Michael Hansen, Russell Cross, Children's National Health System, Washington, DC, USA, National Institutes of Health, Bethesda, MD, USA

224 - Deformation Analysis Can Be Performed on Post-Exercise Images in National Basketball Association Draft Eligible Players With Good Reproducibility

Baljash Cheema, Sumeet Mitter, Juliet Ryan, Vera Rigolin, Jyothy Puthumana, James Thomas, Bluhm Cardiovascular Institute, Northwestern University, Feinberg School of Medicine, Chicago, IL, USA

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

#### Session #1120

#### Novel Echocardiographic Methods for Assessing Cardiac Function

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

228 - Real Time Three-Dimensional Echocardiography in the Evaluation of Regional and Global Right Ventricular Systolic Function in Patients With Atrial Septal Defect Before and After Percutaneous Closure

William K. F. Kong, The National University Heart Centre, Singapore, Singapore, Singapore

229 - 2d Speckle Tracking Echocardiography in Identifying the Degree of Recoverability of Sub Clinical Right Ventricular Dysfunction in Patients With Newly Diagnosed Osa Receiving Cpap Therapy

Chi Yui Yung, Jonathan Chan, Yuk Kong Lau, Akira Yamada, Ruttonjee Hospital, Hong Kong, Hong Kong

230 - Prognostic Implications of Left Ventricular Global Longitudinal Strain in Stage 4 and 5 Chronic Kidney Disease Patients

Liselotte C. R. Hensen, Kathleen Goossens, Joris Rotmans, Johan Jukema, Victoria Delgado, Jeroen Bax, Leiden University Medical Center, Leiden, The Netherlands

231 - Use of Diastolic Parameters on Transthoracic Echocardiogram to Predict Left Atrial Appendage Thrombus in Patients With Atrial Fibrillation

Michael Seth Garshick, Jennifer Mulliken, Matthew Schoenfeld, Katherine Riedy, Yu Guo, Judy Zhong, John A. Dodson, Muhamed Saric, Adam Skolnick, New York University Medical Center, New York City, NY, USA

232 - Subclinical Myocardial Alterations in Cardiac Sarcoidosis

Cristina Di Stefano, Giulia Bruno, Gayatri Acharya, Rachel Le, Lynn Fussner, Patompong Ungprasert, Leslie Cooper, Lori Blauwet, Patricia Pellikka, Jay Ryu, Eva M. Carmona, Hector Villarraga, Mayo Clinic, Rochester, MN, USA

233 - Coronary Microvascular Dysfunction Affects the Myocardial Contractile Reserve in Women With Angina and No Obstructive Coronary Artery Disease

Marie Mide Michelsen, Adam Pena, Naja Mygind, Ida Gustafsson, Nis Host, Jan Bech, Henrik Steen Hansen, Jens Kastrup, Peter Riis Hansen, Eva Prescott, Bispebjerg University Hospital, Copenhagen, Denmark

234 - Racial Differences in Left Ventricular Recovery in Patients With Peripartum Cardiomyopathy Assessed by Global Longitudinal Strain

Masataka Sugahara, Dennis McNamara, Joan Briller, Leslie Cooper, Julie Damp, Mark H. Drazner, James Fett, Eileen Hsich, Navin Rajagopalan, John Gorcsan, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

235 - Clinical Validation of ASE 2016 Guidelines for Evaluating Left Ventricular Diastolic Dysfunction

Matthew Auyoung, Marina Trilesskaya, Thomas Frohlich, Clare Waterloo, Darwin Pastor, Donovan Huynh, Sophie Barbant, Highland Hospital, Oakland, CA, USA

236 - Biventricular Cardiac Function in Sub-Saharan Africans With Sickle Cell Disease

Adebayo Atanda, Yahya Aliyu, Oluwafunmilayo Atanda, Aliyu Babadoko, Aisha I. Mamman, Zakari Y. Aliyu, Howard University Hospital, Washington, DC, USA, Ahmadu Bello University, Zaria, Nigeria

237 - Long-Term Effects of Right Ventricular Pacing on Left Ventricular Systolic and Diastolic Function and Synchrony by Strain Imaging in Patients With Normal Baseline Left Ventricular Ejection Fraction

Shuang Liu, Oral Waldo, Tripta Kaur, Ali Ahoui, Luis Scott, Tasneem Z. Naqvi, Mayo Clinic (Arizona), Scottsdale, AZ, USA



238 - Comparison of the Effects of Balloon Expandable and Self Expandable Transcatheter Aortic Valve Replacement on the Dimensions of the Mitral Valve Annulus and Mitral Regurgitation Severity  
Joseph Burke, Ernesto Salcedo, Tamas Seres, Robert Quaife, Paola Roldan, Esra Donmez, John Messenger, John Carroll, University of Colorado School of Medicine, Aurora, CO, USA

239 - Echocardiographic Evidence For Left Ventricular Recovery After Refractory Ventricular Fibrillation Cardiac Arrest Treated With Primary Angioplasty And Extracorporeal Membrane Oxygenation  
Kathleen Carlson, Luis Felipe N Kazmirczak, Jason Bartos, Cindy Martin, Ganesh Raveendran, K. Madhu, John Ranjit, Emil Missov, Demetris Yannopoulos, University of Minnesota, Minneapolis, MN, USA

240 - Clinical and Echocardiographic Predictors of Atrial Fibrillation in Trauma Patients  
Mohamed Morsy, Teresa Slomka, Anuj Shukla, Dipan Uppal, Oluwaseun Akinseye, Santosh Koshy, Nadish Garg, University of Tennessee Health and Science Center, Memphis, TN, USA, Regional One Hospital, Memphis, TN, USA

241 - Immediate Effect of Percutaneous Mitral Balloon Valvuloplasty on Left Ventricular Function, Evaluated by Echocardiographic Strain Imaging  
Srinidhi Jayadevappa, Cynthia Taub, Montefiore Medical Center, Bronx, NY, USA, NY, USA

242 - Cut Off Value of Rest Left Ventricular Global Longitudinal Strain Is Important in Selecting High Risk Patients With Stable Symptoms and Normal Left Ventricular Systolic Function  
Mihaela Bolog, Mihaela Dumitrescu, Elena Pacuraru, Florentina Romanoschi, Emergency Clinical Hospital "Prof. Dr. Agrippa Ionescu", Bucharest, Romania

#### Non-Certified Industry Events - Learning Destinations Session #4101

**Advanced Heart Failure and VAD Therapy**  
Friday, March 17, 2017, 9:30 a.m. - 4:45 p.m.  
Expo Hall 1849  
CME Hours: /CNE Hours:

9:30 a.m.  
Advanced Heart Failure and VAD Therapy

#### Non-Certified Industry Events - Learning Destinations Session #4102

**VAD Technology Workshop**  
Friday, March 17, 2017, 9:30 a.m. - 4:45 p.m.  
Expo Hall 1849  
CME Hours: /CNE Hours:

9:30 a.m.  
VAD Technology Workshop

**Prevention - Poster Contributions  
Session #1105**  
**Assessing the Clinical Impact of Blood Pressure Lowering Therapies**  
Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

033 - Effect of Antihypertensive Therapy on Development of Incident Conduction System Disease in Hypertensive Patients: The LIFE Study  
Peter M. Okin, Sverre Kjeldsen, Richard B. Devereux, Weill Cornell Medicine, New York, NY, USA

034 - Impact of Achieved Blood Pressure on First Stroke in Hypertensive Patients With Mild-to-Moderate Chronic Kidney Disease: A Post-Hoc Analysis of the China Stroke Primary Prevention Trial (CSPT)

Youbao Li, Xianhui Qin, Xiping Xu, Yong Huo, Binyan Wang, Jianping Li, National Clinical Research Center for Kidney Disease, State Key Laboratory of Organ Failure Research, Guangzhou, People's Republic of China

035 - Guidelines Allowing Control of Hypertension in Non-Diabetics Greater Than 60 Years Old at up to 150 mmHg Average Systolic Blood Pressure Increases Patient Mortality in Veterans  
Ross Fletcher, Hans Moore, Richard Amdur, Raya Kheirbek, Farrokh Alemi, David Maron, Charles Faselis, Vasilios Papademetriou, Ronald E. Jones, VA Medical Center, Washington, DC, USA

036 - Cardiovascular Outcomes With Nebivolol, Atenolol and Metoprolol in Patients With Hypertension: A Large, Retrospective, Propensity Score-Matched Cohort Study  
Brent Egan, Alan Gradman, Sanjida Ali, Qian Li, Mehel Patel, Jan Basile, Allergan plc, Jersey City, NJ, USA

038 - Additivity of Nebivolol/Valsartan Single-Pill Combinations Versus Other Approved Single-Pill Combinations for Hypertension  
Jack Ishak, Michael Rael, Henry Punzi, Alan Gradman, Lynn M. Anderson, Mehel D. Patel, Sanjida Ali, William Ferguson, Joel Neutel, Allergan Plc, Jersey City, NJ, USA

**Prevention - Poster Contributions  
Session #1106**  
**Advances in Cholesterol Measurement and Management**  
Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

039 - Predictors of Statin Use for Patients With LDL Cholesterol Above 190mg/dL: Insights From the Veterans Affairs Health Care System  
Fatima Rodriguez, Joshua Knowles, David Maron, Salim Virani, Paul Heidenreich, Stanford University, Stanford, CA, USA

040 - Trends in Statin Use Among Adults in an Integrated Health Care Delivery System: Impact of the 2013 Guideline on the Treatment of Blood Cholesterol  
Kristi Reynolds, T. Craig Cheetham, Shen-Chih Chang, Jin-Wen Y. Hsu, Rong Wei, Deborah S. Ling-Grant, Teresa Harrison, Susan H. Boklage, Victoria Romo-LeTourneau, Ronald Scott, Kaiser Permanente Southern California, Pasadena, CA, USA

041 - Contemporary Patterns of Lipid Testing in Primary and Secondary Prevention Patients: Insights From the PALM Registry  
Tracy Wang, Shuang Li, Ann Marie Navar, Veronique Roger, Jennifer Robinson, Anne Goldberg, Salim Virani, Joseph Ellassal, L. Veronica Lee, Peter Wilson, Eric Peterson, Duke Clinical Research Institute, Durham, NC, USA

042 - Statin Eligibility in Primary Prevention: From a Risk-Based Strategy to a Personalized Approach Based on the Predicted Cardiovascular Benefit  
Fernando H. Y. Cesena, Antonio Laurinavicius, Viviane Tabone, Raquel Conceicao, Marcio Bittencourt, Raul Santos, Hospital Israelita Albert Einstein, Sao Paulo, Brazil

043 - Comparison of the Novel Method Versus the Friedewald Equation in Estimating Low-Density Lipoprotein-Cholesterol Based on Fasting Status  
Vasanth Sathiyakumar, Asieh Golozar, Mariana Lazo, Renato Quispe, Eliseo Guallar, Roger Blumenthal, Steven Jones, Seth Martin, The Johns Hopkins Hospital, Baltimore, MD, USA, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA

046 - Frequency and Predictors of Cholesterol Goal Attainment in Patients With Coronary Heart Disease: Results From the Dyslipidemia International Study II  
Anselm K. Gitt, Dominik Lautsch, Martin Horack, Kian Keong Poh, Philippe Brudi, Larry Liu, Gaetano De Ferrari, Jean Ferrières, DYSIS-II-Study-Group,



Herzzentrum Ludwigshafen, Ludwigshafen, Germany, Institut für Herzinfarktforschung Ludwigshafen, Ludwigshafen, Germany

044 - Prevalence and Correlates of Statin Side Effects and Willingness to Be Re-Challenged on a Statin: Data From the REasons for Geographic And Racial Differences in Stroke (REGARDS) Study

Rikki Tanner, Lisandro Colantonio, Monika Safford, Keri Monda, Ben Taylor, Paul Muntner, Robert Rosenson, University of Alabama at Birmingham, Birmingham, AL, USA

045 - Psychosocial Factors and Statin Intolerance: Data From the REasons for Geographic And Racial Differences in Stroke (REGARDS) Study

Matthew Mefford, Robert Rosenson, Vera Bittner, Monika Safford, Rikki Tanner, April Carson, Ben Taylor, Keri Monda, Paul Muntner, UAB School of Public Health-Department of Epidemiology, Birmingham, AL, USA

047 - Low LDL-Cholesterol Target Value Attainment at the Time of Acute Coronary Syndrome (ACS) and Even 4 Months After the Acute Event Due to Lack of Adjustment in Lipid Lowering Treatment: Results From the Dyslipidemia International Study II ACS

Anselm K. Gitt, Dominik Lautsch, Martin Horack, Philippe Brudi, Larry Liu, Gaetano De Ferrari, Kian Keong Poh, Jean Ferrières, DYSIS-II-Study-Group, Herzzentrum Ludwigshafen, Ludwigshafen, Germany, Institut für Herzinfarktforschung Ludwigshafen, Ludwigshafen, Germany

048 - Improvement of LDL-Cholesterol Goal Attainment in High-Risk Patients in Europe and Middle East Between 2008-09 and 2013-14: Results of DYSIS and DYSIS II CHD

Anselm K. Gitt, Dominik Lautsch, Martin Horack, Philippe Brudi, Larry Liu, Jean Ferrières, DYSIS-Study-Group, Herzzentrum Ludwigshafen, Ludwigshafen, Germany, Institut für Herzinfarktforschung Ludwigshafen, Ludwigshafen, Germany

050 - Understanding the Predictors of Achieving LDL-C Targets When Adding Ezetimibe in High Risk Patients

Dean Karalis, Usha Mallya, Joseph Elassal, Ameen F. Ghannam, Rishab Gupta, Susan Boklage, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Bridgewater, NJ, USA

051 - Effect of Nutraceuticals Combined With Statins on LDL Cholesterol Depends on the Sterol Synthesizer/Absorber Profile of the Patients

Bianca Scolaro, Marina Nogueira, Aline Paiva, Adriana Bertolami, Inar A. Castro, University of São Paulo, São Paulo, Brazil, Dante Pazzanese Institute of Cardiology, São Paulo, Brazil

052 - Beneficial Effect of Statin Therapy on Carotid Wall Temperatures in Patients With Familial Hyperlipidemia Syndromes: Results From a Randomized Trial

Georgios Benetos, Konstantinos Toutouzas, Iosif Koutagiar, Ioannis Skoumas, Spyros Galanakis, Angeliki Rigatou, Constantina Aggeli, Eleftherios Tsiamis, Elias Siores, Dimitris Tousoulis, First Department of Cardiology, Athens, Greece

053 - Clinical Features and Gaps in the Management of Familial Hypercholesterolemia With Prevalent Cardiovascular Disease

Ayman Jubran, Chen Shapira, Gil Lavie, Moshe Y. Flugelman, David Halon, Barak Zafrir, Lady Davis Carmel Medical Center, Haifa, Israel

054 - Physician Perspectives on Clinical Decision Support for Familial Hypercholesterolemia

Ali Hasnie, Maya Safarova, Parvathi Balachandran, Iftikhar Kullo, Mayo Clinic, Rochester, MN, USA

055 - Efficacy and Safety of the PCSK9 Inhibitor Alirocumab 300 mg Every 4 Weeks in Individuals With Type 2 Diabetes on Maximally Tolerated Statin Therapy

Dirk Müller-Wieland, Daniel Rader, Patrick Moriarty, Jean Bergeron, Gisle Langslet, Kausik Ray, Garen Manvelian, Desmond Thompson, Maja Bujas-Bobanovic, Eli Roth, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Paris, France

056 - Plasma Eicosapentaenoic Acid and the Eicosapentaenoic Acid to Arachidonic Acid Ratio in 8,010 Patients With Severely Elevated LDL-C (>190 mg/dl): Cause for Alarm?

Mike Mehan, John Nelson, Rosalynn Gill, Ernst Schaefer, Boston Heart Diagnostics, Framingham, MA, USA, California Cardiovascular Institute, Fresno, CA, USA

057 - Alirocumab Titration Strategy Allows Individualized LDL-C Reduction in a Real World Setting: Results From ODYSSEY OLE (LONG TERM Cohort)

Robert Dufour, G. Kees Hovingh, John Guyton, Gisle Langslet, Marie Baccara-Dinet, Chantal Din-Bell, Garen Manvelian, Michel Farnier, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Paris, France

058 - On-Treatment LDL-C Levels When Alirocumab Dose Is Decreased From 150 to 75 mg Every 2 Weeks in Patients With Heterozygous Familial Hypercholesterolemia: Results From ODYSSEY OLE

Michel Farnier, John Guyton, Gisle Langslet, Robert Dufour, Marie Baccara-Dinet, Chantal Din-Bell, Garen Manvelian, G. Kees Hovingh, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Paris, France

059 - Consistent Low-Density Lipoprotein Cholesterol Lowering Efficacy of Alirocumab in High and Very High Cardiovascular Risk Patients With Low-Density Lipoprotein Cholesterol >100/70 mg/dL at Baseline

Jennifer Robinson, Francois Schiele, Ulrich Laufs, Maddalena Lettino, Velichka Valcheva, Sophie Guillonnet, Serban R. Iorga, Nadège Narcisse, Keith Fox, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Bridgewater, NJ, USA

060 - Contrasting US Patients With a Fill Versus a Prescription for Alirocumab: Early Evidence From Administrative Claims, EMR and Lab Data

Chakkarin Burudpakdee, Joseph Elassal, Velichka Valcheva, Katherine Gorcyca, Serban Iorga, Eli Roth, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Bridgewater, NJ, USA

061 - Only Eight Percent of Very High-Risk Familial Hypercholesterolemia Patients Achieve LDL-Cholesterol Target Despite Being on Maximal Conventional Lipid-Lowering Therapy

Martin Prøven Bogsrud, Asgeir Græsdal, Dan Johansen, Gisle Langslet, Anders Hovland, Kirsten Holven, Oslo University Hospital, Oslo, Norway

062 - The Effect of PCSK9 Inhibition on Sterol Absorption in a Cohort of Real World Patients

Eric Brandt, Michael Davidson, University of Chicago, Chicago, IL, USA, Yale University, New Haven, CT, USA

063 - Real-Life PCSK9 Experience: 65% Treatment Target Attainment in Familial Hypercholesterolemia Patients

Asgeir Graesdal, Martin Bogsrud, Dan Johansen, Ane Dybvig, Kirsten Holven, Vestfold Medical Center, Sandefjord, Norway, Norwegian National Advisory Unit on Familial Hypercholesterolemia, Oslo University Hospital, Oslo, Norway

064 - 10-Year Cardiovascular Risk Reduction, Efficacy and Safety of Alirocumab and Evolocumab, in Addition to Maximal Tolerated Cholesterol Lowering Therapy: Post-Commercialization Study

Ilana Schlam, Ali Huda, Sarah H. Min, Christopher Mahida, Parth Shah, Ping Wang, Naila Goldenberg, Charles Glueck, Cholesterol, Metabolism and Thrombosis Center, The Jewish Hospital of Cincinnati, Cincinnati, OH, USA, The Jewish Hospital of Cincinnati Internal Medicine Residency Program, Cincinnati, OH, USA

065 - Impact of Evolocumab Therapy in Patients With Discordance Between LDL-C and LDL-P



Peter P. Toth, Naveed Sattar, Dirk Blom, Seth Martin, Steven Jones, Maria Laura Monsalvo, Mary Elliott, Ransi Somaratne, David Preiss, Amgen Inc., Thousand Oaks, CA, USA

066 - The Effect of PCSK9 Inhibition on LDL-Subfractions in Patients With Severe LDL-Hypercholesterolemia

Liya Wu, Charlotte Bamberger, Elisa Waldmann, Renee Stark, Kerstin Henze, Klaus Parhofer, University Munich, Munich, Germany

067 - Combined LDL-C and Lipoprotein (a) Levels in Prediction of Residual Atherosclerotic Cardiovascular Disease Risk: The AIM-HIGH Trial (Atherothrombosis Intervention in Metabolic Syndrome With Low HDL/High Triglycerides: Impact on Global Health Outcomes)

Philip Chui, Moti Kashyap, Nathan Wong, UC Irvine, Orange, CA, USA, Long Beach VA, Long Beach, CA, USA

068 - Association of Remnant-Like Particle Cholesterol and Low-Density Lipoprotein Triglyceride With Incidence of Cardiovascular Events: The ARIC Study

Anum Saeed, Christie Ballantyne, Wensheng Sun, Gerardo Heiss, Thomas Mosley, Cameron Guild, Eric Boerwinkle, Elena Feofanova, Yu Bing, Salim Virani, Josef Coresh, Vijay Nambi, Ron Hoogeveen, Baylor College of Medicine, Division of Atherosclerosis, Houston, TX, USA

069 - Atherogenic Lipoprotein Variability Correlates With Coronary Atheroma Progression: Insights From Serial Intravascular Ultrasonography  
Donald Clark, Stephen Nicholls, Julie St. John, Mohamed Badreldin Elshazly, Samir Kapadia, Murat Tuzcu, Steven Nissen, Rishi Puri, Cleveland Clinic Foundation, Cleveland, OH, USA

070 - Lipid Levels and Vascular Function in Young Individuals, Heterozygous or Homozygous for an APOB c.1058G>A Variant  
Devyani Chowdhury, Christine Pascua, Millie Young, Michael Horst, Michael A. McCulloch, Samuel Gidding, Erik Puffenberger, Kevin Strauss, Katie Williams, Cardiology Care for Children, Lancaster, PA, USA, Clinic for Special Children, Strassburg, PA, USA

### **Pulmonary Hypertension and Venous Thrombo-embolic Disease - Poster Contributions**

#### **Session #1100**

#### **Imaging Pulmonary Vascular Disease Plus the Impact of Congenital Heart Disease**

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

001 - Survival Analysis From THALES Study, A Large Nation-Wide Registry on Pulmonary Arterial Hypertension Associated With Congenital Heart Disease  
Mehmet Serdar Küçükoglu, Cihangir Kaymaz, Gul Sagin Saylam, Dursun Alehan, Serdar Kula, Atif Akcevin, Alpay Celiker, Sertac Cicek, Sadberk Lale Tokgozoglu, THALES Investigators, ISTANBUL University Cardiology Institute, ISTANBUL, Turkey

002 - Clinical, Biochemical, Neurohumoral, Echocardiographic and Hemodynamic Characteristics in Relation to Survival in Pulmonary Arterial Hypertension Associated With Congenital Heart Disease: Insights From Euphrates Study  
Fatih Yilmaz, Ozgur Akbal, Aykun Hakgor, Hacer Ceren Tokgoz Demirel, İbrahim Halil Tanboga, Canan Elif Yildiz, Sevim Turkdoy, Nertila Poci, Tugba Aktemur, Durmus Demir, Seda Tanyeri, Nihal Ozdemir, Cihangir Kaymaz, Kartal Kosuyolu Heart Education and Research Hospital, Istanbul, Turkey

003 - Correlation of Right Atrial Enlargement on Ecg to Right Atrial Volume by Echocardiography in Patients With Pulmonary Hypertension  
John Allison, Francisco Macedo, Ihab Hamzeh, Yochai Birnbaum, Baylor College of Medicine, Houston, TX, USA

004 - Electromechanical Activation Time via HemoTag and 2D Echocardiography: Correlation With Tricuspid Regurgitation Peak Velocity and Implications for Diagnosis and Clinical Practice  
Stephanie Hakimian, Mahdi Esfahanian, Kale Kaustubh, Elie Donath, Steven Borzak, Robert Chait, University of Miami/JFK Medical Center Palm Beach Regional GME Consortium, Atlantis, FL, USA, Aventusoft, Boca Raton, FL, USA

005 - Correlation Between Echocardiographic Pulmonary Artery Pressure Estimates and Right Heart Catheterization Measurements in Patients Undergoing Liver Transplant Evaluation: A Single Center Study  
Fuad Habash, Pooja Gurram, Ahmed Almomani, Andres Duarte-Rojo, Abdul Hakeem, Srikanth Vallurupalli, Sabha Bhatti, University of Arkansas for Medical Sciences, Little Rock, AR, USA

006 - Echocardiographic Estimation of Mean Pulmonary Artery Pressure: A Comparison of Different Approaches to Predict Pulmonary Hypertension  
Tim Seidler, Kristian Hellenkamp, Bernhard Unsöld, Sitali Mushemi-Blake, Ajay Shah, Gerd Hasenfuss, University of Göttingen, Göttingen, Germany, King's College London, London, United Kingdom

007 - RVOT-VTI/PASP: A Novel Non-Invasive Metric of Pulmonary Arterial Compliance and Diastolic Pressure Gradient Status in Heart Failure With Preserved Ejection Fraction

Frances Mao, Priyanka T. Bhattacharya, Gregory S. Troutman, Jonathan N. Menachem, Monique Tanna, Arie L. Fox, Edo Y. Birati, Paul Forfia, Anjali Vaidya, Jeremy Mazurek, University of Pennsylvania, Philadelphia, PA, USA

008 - Lack of a Tricuspid Regurgitation Velocity and Pulmonary Hypertension: Absence of Evidence Is Not Evidence of Absence  
Jared O'Leary, Tufik Assad, Meng Xu, Eric Farber-Eger, Quinn Wells, Evan Brittain, Vanderbilt University Medical Center, Nashville, TN, USA

### **Special - Poster Contributions**

#### **Session #1050**

#### **ACC International Conferences Best Posters**

Friday, March 17, 2017, 9:30 a.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

453 - Macrophage Migration Inhibitory Factor Serum Levels and Its Association With Acute Coronary Syndrome in Patients With Diabetes Mellitus Type 2 From Western Mexico

Heriberto Ontiveros Mercado, Jose Francisco Munoz-Valle, Lorena Valerdi Contreras, Jorge Ramon Padilla-Gutierrez, Jorge Eduardo Hernandez-del-Rio, Miriam Sagrario Alvarez-Villanueva, Emmanuel Valdes-Alvarado, Sarai Citlalici Rodriguez-Reyes, Yeminia Valle, Hospital Civil de Guadalajara "Fray Antonio Alcalde", Guadalajara, Mexico, Instituto de Investigacion en Ciencias Biomedicas, Guadalajara, Mexico

454 - HER2 Positive Breast Cancer and Subclinical Cardiotoxicity by Echocardiogram 2D Strain: Does Chemotherapy Sequence Matter?  
Viridiana Perez-Montessoro, Itzel Poblano-Aguilar, Zuilma Vasquez-Ortiz, Jaime Galindo-Urbe, Alejandra Armengol-Alonso, Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran, Mexico City, Mexico

455 - Comparison of Different Lung Ultrasound Methodologies for Pulmonary Congestion Evaluation in Heart Failure Outpatients  
Jose Plutarco Gutierrez Yanez, Luna Gargani, Eugenio Picano, Tiago Leiria, Renato Kalil, Roberto Santanna, Vitor Martins, Marciane Rover, Rosa Sicari, Marcelo Miglioranza, Cardiology Institute of Rio Grande do Sul, Porto Alegre, Brazil, Institute of Clinical Physiology, Pisa, Italy

456 - Assessment of Left Ventricular Strain and Its Clinical Correlations in Isolated Left Ventricular Non-Compaction  
Putri Yubbu, Andrea Montero, Hythem Nawaytou, Anirban Banerjee, Children's Hospital of Philadelphia, Philadelphia, PA, USA



457 - Nurse-Led Cardiovascular Disease Management Program Impact of 30-Day Readmission in Patients With Heart Failure  
Raed Odeh, May Alkhateeb, M. B. Bdeir, King Abdulaziz Cardiac Center, Riyadh, Saudi Arabia

458 - Transcatheter Aortic Valve Replacement Versus Surgical Aortic Valve Replacement in Aortic Stenosis Patients at Low to Moderate Risk of Surgery: A Meta-Analysis of 25,737 Patients' Data  
Ahmed Elmarazy, Abdelrahman Ibrahim Abushouk, Ammar Ismail, Farah Althaher, Ahmed Hesham Aboelmakarem, Ahmed Ramadan Abdallah, Moutaz Eltoomy, Hossam Mahmoud Hassan, Mohamed Mansour Saad, Aya Gamal Elmareazy, Ahmed Magdy Aboelfotoh, Mohammed Ahmed Shaheen, Osama Mahmoud Abdelaty, Soha Saad Ali, Moath Althaher, Faculty of Medicine, Al-Azhar University, Cairo, Egypt, NOVA-Med Medical Research Association, Cairo, Egypt

### Special - Poster Contributions

#### Session #1129

#### FIT Clinical Decision Making: Non-Invasive Imaging and Valvular Heart Disease

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

363 - Successful Management of Acute Salmonella Aortitis  
Eleonora Avenatti, Stefan A. Ianchulev, Mark D. Iafrazi, Stephen Little, Natesa Pandian, Tufts Medical Center, Boston, MA, USA, Houston Methodist Hospital, Houston, TX, USA

364 - Multi-Modality Imaging Assessment of a Left Ventricular Mass  
Jack Andrews, Christopher Lang, David Dorward, Alan Japp, Vincenzo Giordano, David Newby, Marc Dweck, University of Edinburgh, Edinburgh, United Kingdom, Edinburgh Heart Centre, Edinburgh, United Kingdom

365 - Cardiac Magnetic Resonance Imaging Illustrating an Asymptomatic, Large Inferobasilar Left Ventricular Aneurysm  
Julio Perez-Downes, Martin Cerda, Leslie Oberst, University of Florida College of Medicine-Jacksonville, Jacksonville, FL, USA

366 - Seeing Is Believing: Utilizing Multiple Imaging Modalities in Difficult to Characterize Left Ventricle Outflow Obstruction  
Sandeep Sangodkar, Alex Schevchuck, Kirsten Tolstrup, Abinash Achrekar, University of New Mexico, Albuquerque, NM, USA, University of California, San Francisco, San Francisco, CA, USA

367 - Early Stage Loeffler's Endocarditis With Biventricular Involvement  
Sunki Lee, Eung Ju Kim, Jin Oh Na, Korea University Guro Hospital, Seoul, South Korea

368 - Prompt Recognition and Intervention for Cardiac Tamponade Secondary to Gastro-Pericardial Fistula: A Successful Heart Team Effort  
Michel Corban, Abdallah El Sabbagh, Victor Chedid, Lawrence Sinak, Mayo Clinic, Rochester, MN, USA

369 - A Rare Case of Isolated Renal Cell Carcinoma Metastasis to the Left Ventricle  
Hasmik Minasyan, Mitul Kanzaria, Thomas Jefferson University Hospital, Philadelphia, PA, USA

370 - An Unusual Extrinsic Pulmonary Artery Compression Caused by Traumatic Cardiac Hernia  
Ibrahim Osman, Dan Le, Blase Carabello, Rajasekhar Nekkanti, East Carolina University, The Brody School of Medicine, Department of Cardiovascular Sciences, Greenville, NC, USA

371 - Acute Embolic MI: A Rare Complication of Giant Cell Arteritis  
Scott Cook, Stuart Bresee, University of Tennessee, Knoxville, TN, USA

372 - Athlete's Heart Versus Apical Hypertrophic Cardiomyopathy: Look Again!  
Fatima Samad, Daniel Harland, Mark Girzadas, M. Fuad Jan, A. Jamil Tajik, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

373 - Subacute Stroke From Multiple Cardiac Papillary Fibroelastoma With Post-Operative Recurrence  
Sravva Chirumamilla, Reginald Sequeira, Kettering Medical Center, Kettering, OH, USA

374 - Pneumopericardium: A Rare Presentation of Gastro-Pericardial Fistula  
Sohaib Tarig, Anoshia Raza, Srikanth Yandrapalli, Roshni Narurkar, Ali Ahmed, Wilbert Aronow, Alan Gass, Howard Cooper, Westchester Medical Center/New York Medical College, Valhalla, NY, USA, VA Medical Center, Washington, DC, USA

375 - Contrast Echocardiography Versus Cardiac Magnetic Resonance for the Diagnosis of Left Ventricular Thrombus  
Syed Yaseen Naqvi, Brett M. Victor, Pennsylvania Hospital, University of Pennsylvania Health System, Philadelphia, PA, USA

376 - Think Syndromic  
Abdallah Almaghraby, Basma Hammad, Yehia Saleh, Mohammad Seleem, Eman M. ElSharkawy, Mohamed Ayman Abdel Hay, Bassem Ramadan, Mohammad Elshafaey, Department of Cardiology and Angiology, Alexandria, Egypt, Massachusetts General Hospital, Boston, MA, USA

377 - Global Longitudinal Strain (GLS) Imaging to Detect and Monitor Left Ventricular Function After Direct Cardiac Radiation  
Rongras Damrongwatanasuk, Michael Fradley, University of South Florida, Tampa, FL, USA

380 - Cardiac Amyloidosis Masquerading as Severe Low-Flow, Low-Gradient, Low-Ejection Fraction Aortic Stenosis: "All That Glitters Is Not Gold"  
Matthew S. Tong, Jose Ricardo Po, Ramzi Khalil, Benjamin Susco, Moneal Shah, Robert Biederman, Allegheny General Hospital, Pittsburgh, PA, USA

381 - An Unprecedented Case of Primary Cardiac Lymphoma Exclusive to the Left Ventricle: A Diagnostic and Therapeutic Challenge  
Prachi Kalamkar, Ashwin Thiagaraj, Riaz Rahman, Benjamin Susco, Indu Poonima, Robert Biederman, Allegheny General Hospital, Pittsburgh, PA, USA

382 - Acute Echo-Guided Management of Cardiogenic Shock After Anterior Myocardial Infarction Complicated by Dynamic Left Ventricular Outflow Tract Obstruction  
Manan Shah, Jennifer Chao, Matthew Tomey, Stephen McCullough, Martin Goldman, Icahn School of Medicine, Mount Sinai Hospital, New York, NY, USA

383 - B-Cell Lymphoma Associated Pericardial Tamponade With Conversion to Chylous Effusion During Pregnancy  
James Chihong Lee, Tiffany Chen, Kelley Branch, University of Washington, Seattle, WA, USA

384 - Endocarditis? When Positron Emission Tomography Makes the Final Diagnosis  
Vidang P. Nguyen, David Lam, Rosario Freeman, University of Washington, Seattle, WA, USA

385 - A "Mind Blowing" Case of Left Atrial-Esophageal Fistula Leading to Tension Pneumocephalus and Sudden Death  
Salman Farhat, Irfan Ahsan, Ali Ghani, Chukwunweike Nwosu, Abington Hospital - Jefferson Health, Abington, PA, USA

386 - Candida Tropicalis Endocarditis and Thrombocytopenia: A Fatal Association



**Mohammed A. Chamsi-Pasha**, Houston Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

387 - Apical Hypertrophic Cardiomyopathy: A Case of Mimicry  
**Devang Parikh**, Benjamin Levin, Nadera J. Sweiss, Yang Lu, University of Illinois at Chicago, Chicago, IL, USA

388 - Hyperdense Artery Sign on Computed Tomography in Acute Coronary Syndrome

**Yukio Mizuguchi**, Hiroki Shibutani, Sho Hashimoto, Takeshi Yamada, Norimasa Taniguchi, Shunsuke Nakajima, Tetsuya Hata, Akihiko Takahashi, Sakurakai Takahashi Hospital, Kobe, Japan

389 - Aortic Dissection: To Spare or Not to Spare the Aortic Valve????  
**Sameer S. Chaudhari**, Eli Balshan, Devang Gandhi, Marc Cohen, RWJ Newark Beth Israel Medical Center, Newark, NJ, USA

390 - Left Atrium Undifferentiated Pleomorphic Sarcoma Mimicking Septal Asymmetric Hypertrophic Cardiomyopathy

**David Alfonso Aguilar Pulido**, Pedro Gerardo Davila Flores, Jesus Bueno Campa, Joaquin Gomez, Francisco Javier Leon Hernandez, Karim Juarez Escobar, Instituto Mexicano del Seguro Social, Mexico City, Mexico, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico

391 - A Multi-Modality Approach Using Noninvasive and Invasive Techniques in the Treatment of a Patient With a Complicated Intra-Cardiac Mass  
**Edris Alderwish**, Chad Kliger, Jonathan Hemli, Itzhak Kronzon, Michael Poon, Lenox Hill Hospital, New York, NY, USA

392 - Idiopathic Effusive Constrictive Pericarditis in a Patient With Cystic Fibrosis: A Case Report With Multi-Modality Imaging

**Meena Zareh**, Erika Jones, Rani Upadhyay, Andrew Yoon, University of Southern California, Los Angeles, CA, USA

393 - An Incidentally Detected Right Ventricular Pseudoaneurysm

**Vamsi Gaddipati**, Angel Martin, Mauricio Valenzuela, Asef Mahmud, Aarti Patel, University of South Florida, Tampa, FL, USA

394 - Fibrosing Mediastinitis-Related Pulmonary Artery and Vein Stenosis Limiting Chemotherapy

**Michael Lawrenz Co**, Hena Patel, Tochi Okwuosa, Rush University Medical Center, Chicago, IL, USA

395 - Recurrent Focal Myocarditis With Microvascular Obstruction

**Adrian Ignacio Loffler**, Younghoon Kwon, Christopher Kramer, Michael Salerno, University of Virginia Health System, Charlottesville, VA, USA

396 - Cardiac Myeloid Sarcoma: A Diagnostic & Treatment Challenge

**Zaher Hakim**, Monica Peravali, Kartik Kumar, Nour Abd Almohsen, Anupama Kottam, Luis Afonso, Detroit Medical Center, Detroit, MI, USA, Wayne State University, Detroit, MI, USA

397 - Coronary Artery Aneurysm in a Patient With Systemic Lupus Erythematosus

**Kainat Khalid**, Anoop Shah, Kota Reddy, Raymond Stainback, Baylor College of Medicine, Houston, TX, USA

398 - The Pulmonary Embolism That Wasn't: A Case of Pulmonary Pseudo-Sequestration

**Tushar Acharya**, W. Patricia Bandettini, Andrew Arai, Marcus Chen, National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, MD, USA

400 - Persistent Left Atrial Appendage Thrombus in the Setting of an Indolent Glioblastoma Multiforme

**Jeffrey Brian Ziffra**, Tim Samaddar, Gholam Zadeii, Brian Olshansky, Mercy Medical Center - North Iowa, Mason City, IA, USA

401 - Recurrent Pericardial Effusion Due to Primary Cardiac Epithelioid Angiosarcoma

**Tiffany Mao**, Bonny S. Wong, Mark Pollet, I-Hui Chiang, Veronica Lenge, Oscar Roncal, Baylor College of Medicine, Houston, TX, USA

402 - Things to Consider When Shopping for a Shunt: A Diagnostic Challenge

**Favez Siddiqui**, Muhammad Adil Sheikh, Said Ashraf, Thomas Forbes, Luis Afonso, DMC, Detroit, MI, USA

403 - Distinguishing True Versus Pseudo Aortic Valve Stenosis in a Patient With No Contractile Reserve

**Peeyush Grover**, Theo Meyer, Timothy Fitzgibbons, UMass Memorial Medical Center, Worcester, MA, USA

404 - Cerebral Embolization From Caseous Mitral Annular Calcification

**Maygen Del Castillo**, David Burkland, George Letsou, Raymond Stainback, Baylor College of Medicine, Houston, TX, USA

405 - Pathologic Plumbing: Utilizing Multi-Modality Imaging in the Diagnosis of a Patient With Pulmonary Vein to Azygos System Fistula and Decompensated Valvular Cardiomyopathy

**Santosh Desai**, Reza Arsanjani, Michael Gotway, Clinton Jokerst, Louis Lanza, Susan Wilansky, Fadi Shamoun, Mayo Clinic, Phoenix, AZ, USA

406 - Transcatheter Tricuspid Valve Replacement: "Forgotten Valve", Challenging Management With Limited Treatment Options - Time to Gather Evidence

**Tarig Ali Ahmad**, Mark Kozak, Brandon Peterson, Eric Chan, Pradeep Yadav, Penn State Milton Hershey Medical Center, Hershey, PA, USA

407 - Direct Assessment of Mechanical Aortic and Mitral Valve Effective Orifice Area With High-Fidelity Pressure Wire for Decision of Controversial Re-Valve Replacement

**Shigetaka Kageyama**, Shizuoka City Shizuoka Hospital, Shizuoka, Japan

409 - Mitral Valve Regurgitation From Hypereosinophilic Syndrome

**Jim Xin Liu**, Timothy Obarski, The Ohio State University, Columbus, OH, USA

410 - Aortic Valve Replacement as a Treatment for Acute Renal Failure and Transfusion-Dependent Anemia: A Unique Presentation of *Bartonella Quintana* Endocarditis

**Erin Boehm**, Dai-Trang Le, Knight Cardiovascular Institute, Oregon Health and Science University, Portland, OR, USA, VA Portland Health Care System, Portland, OR, USA

411 - Bioprosthetic Mitral Valve Thrombosis Secondary to Hypereosinophilic Syndrome

**Ming Zhong**, NewYork-Presbyterian Weill Cornell Medical Center, New York, NY, USA

412 - Persistent Hemodynamic Instability After Repaired Heart Injury Due to Penetrating Trauma: No Valvulopathy? Look Again

**Claudia Lama**, Panagiota Christia, Robert Faillace, Jacobi Medical Center, Department of Internal Medicine, Bronx, NY, USA, Albert Einstein College of Medicine, Bronx, NY, USA

413 - Supravalvular Aortic Stenosis: A Rare Complication of Familial Hypercholesterolemia Presenting as Cardiogenic Shock

**Rani Upadhyay**, Erika Jones, Meena Zareh, Donna Kang, Hartaj Girm, Anilkumar Mehra, University of Southern California & LAC Medical Center, Los Angeles, CA, USA

414 - Transcatheter Aortic Valve Replacement for Aortic Regurgitation as a Bridge for Combined Liver and Kidney Transplantation

**Loui Rejjal**, Ahmet Oktay, Mohammad Iffat Anindo, Bzowej Natalie, Stephen Ramee, Ochsner Clinic Foundation, New Orleans, LA, USA



415 - Caught Between a Thrombus and a Hard Place: Thrombolysis as First Line Therapy for the Management of Prosthetic Valve Thrombosis  
Isaac Tea, Mario Caruso, Lankenau Medical Center, Wynnewood, PA, USA

416 - Rocking Prosthetic Valve 1 Year After Surgery: A Case of Untreated Takayasu Arteritis  
Hemalatha Narayanasamy, Jacob Maddux, Dan Sorajja, Mayo Clinic, Phoenix, AZ, USA

417 - A Confusing Case of Pulmonary Hypertension With Mixed Valvular Disease and Cryptogenic Cirrhosis  
David Cho, Weiyi Tan, Jeffrey Hsu, Jonathan Soverow, Eric Yang, UCLA, Los Angeles, CA, USA, Olive View Medical Center, Sylmar, CA, USA

418 - Sudden Hemodynamic Collapse in Hypertrophic Obstructive Cardiomyopathy  
Moustafa O. Elsheshtawy, Vasudev Virparia, Ahmad Morshed, Paul Saunders, Ashok Khanna, H. Sudhakar Prabhu, Maimonides Medical Center, Brooklyn, NY, USA, Coney Island Hospital, Brooklyn, NY, USA

419 - An Alternative Approach to Treatment of Infective Endocarditis Using AngioVac®  
Vishesh Kumar, Maryam Sheikh, Jimmy Yee, Adam Stys, University of South Dakota, Sanford School of Medicine, Sioux Falls, SD, USA

420 - Rare but Aggressive Cause of Infective Endocarditis Lead to Double Valve Disease and Glomerulonephritis  
Ahmad Ramy Elashery, Apranta Deka Patel, Danbury Hospital, Danbury, CT, USA

379 - Atrial Fibrillation in Aortic Stenosis: A Diagnostic and Therapeutic Challenge  
Abdallah El Sabbagh, Kareem Morant, Vuyisile Nkomo, Mayo Clinic, Rochester, MN, USA

421 - Coronary Artery Mycotic Aneurysm: A Rare Presentation of Tricuspid Valve Endocarditis  
Deepika Abbadji, Jose Ricardo Po, Manik Veer, Masaki Tsukashita, Rachel Hughes-Doichev, Allegheny Health Network, Pittsburgh, PA, USA

399 - Reversible Severe Right Heart Failure and Tricuspid Regurgitation From Thyrotoxicosis  
Tushar Acharya, Andrew Arai, Christine Mancini, Daniel J. Schwartz, Daniel Groves, W. Patricia Bandettini, Sujata Shanbhag, National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, MD, USA, Johns Hopkins Community Physicians, Bethesda, MD, USA

422 - In the Forest of Comorbidities, Always Look for the Wild Type  
Muhammad Soubhi Azzouz, Amjad Kabach, Osman Bhatti, Abhilash Akinapelli, Hemantha Koduri, Dennis Esterbrooks, Creighton University, Omaha, NE, USA

423 - Cardiac Pneumonia: Acute Mitral Regurgitation as a Rare Cause of Right Upper Lung Lobe Infiltrate  
Mohammad Khalid Mojaidi, Ninel Hovnanians, Osama Alsara, Ahmed Mahmoud, Nayan Agarwal, Sanallah Mojaddedi, R. David Anderson, University of Florida College of Medicine, Gainesville, FL, USA

424 - Multidisciplinary Approach for Endocarditis in Pregnancy  
Luis Francisco Hidalgo Ponce, Howard Cooper, Wilbert Aronow, New York Medical College, Valhalla, NY, USA

425 - Eptifibatid for Treatment of Mechanical Aortic Valve Thrombus: A Novel Therapeutic Approach  
Parshva Patel, Eduard Koman, Ronak Patel, Chase Contino, Sahil Banka, Brett Victor, Santosh Gupta-Bala, Drexel University College of Medicine, Philadelphia, PA, USA, Cardiology Consultants of Philadelphia, Philadelphia, PA, USA

426 - Hypertrophic Obstructive Cardiomyopathy-Like Pathophysiology Post Mitral Valve Repair  
Punita Kaveti, Lori Serkland, Said Yassin, Carlos Roldan, University of New Mexico, Albuquerque, NM, USA

427 - Rupture of Right Sinus of Valsalva Presenting as Myocardial Infarction  
Jiangqing She, Yangyang Deng, Yue Wu, Zuyi Yuan, Cardiovascular Department, First Affiliated Hospital of Medical College, Xi'an, People's Republic of China, Key Laboratory of Environment and Genes Related to Diseases, Xi'an, People's Republic of China

428 - Unloading the Left Ventricle: A Case of Mechanical Circulatory Support in Acute Aortic Insufficiency  
Shashank Jain, Menhel Kinno, Shervin Golbari, Eric Somberg, Ellie Elmann, Eugene Bunnell, Samantha Brenner, Kumar Satya, Rutgers - New Jersey Medical School, Newark, NJ, USA, Hackensack University Medical Center, Hackensack, NJ, USA

429 - Severe Aortic Insufficiency Due to a Perimembranous Ventricular Septal Defect  
Kinan Carlos El Tallawi, Houston Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

430 - Successful Percutaneous Valve-In-Valve Intervention for Bio-Prosthetic Mitral Valve Failure  
Wafi Momin, Adam Farber, Elizabeth Ebert, Timothy Mixon, Baylor Scott and White Health, Temple, TX, USA

431 - Importance of Exercise Hemodynamics in Patients With Primary Mitral Regurgitation  
Alpana Senapati, William Zoghbi, Houston Methodist Hospital, Houston, TX, USA

432 - Septic Cardiac Tamponade as a Rare Presentation of Acute Infective Endocarditis  
Dhruv Mahatta, Ahmed Mahmoud, Islam Elgendy, C. Richard Conti, University of Florida, Gainesville, FL, USA

### Special - Poster Contributions Session #1130

**Innovations in Practice Management and Social Media**  
Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

433 - Mining Electronic Health Records for Familial Hypercholesterolemia in eMERGE Network  
Parvathi Balachandran, Yijing Cheng, Majid Rastegar Mojarad, Maya Safarova, Hongfang Liu, Iftikhar Kullo, Mayo Clinic, Rochester, MN, USA

434 - Impact of Electronic Health Records on the Quality of Outpatient Cardiovascular Care Delivery in India: Insights From the American College of Cardiology's PINNACLE India Quality Improvement Program (PIQIP)  
Ankur Kalra, Jessica Wei, Deepak Bhatt, Karen Anderson, Stefan Rykowski, Prafulla G. Kerkar, Ganesh Kumar, Thomas Maddox, William Oetgen, Salim Virani, Kalra Hospital SRCNC (Sri Ram Cardio-thoracic and Neurosciences Centre) Pvt. Ltd., New Delhi, India

435 - Predicting 3-Year Risk of Incident Chronic Disease in Disease-Free Primary Care Patients: The Intermountain Chronic Disease Model (ICHRON)  
Heidi Thomas May, Donald Lappe, Kirk Knowlton, Joseph B. Muhlestein, Benjamin Horne, Intermountain Medical Center, Murray, UT, USA

436 - Unlocking the Power of Data: Information Technology Implementation for Smarter Management and Resource Use for Today's Complex Care Delivery  
Thomas J. Lewandowski, Joe Allen, Anthony DeFranco, Allen Seals, Hector Fontanet, Nicole Lohr, Joshua Liberman, Ralph Brindis, Joshua Purow, Alvaro



Gomez, Kenneth Phillips, Robert Wilson, Mustafa Ahmed, Nandkishore Ranadive, Sandra Groenewold, Juan Aranda, ThedaCare Cardiovascular Care, Appleton, WI, USA, University of Florida, Gainesville, FL, USA

437 - Radiation Exposure Among Non-Physician Staff Members During Cardiac Catheterization and the Impact of Proactive Shielding

Austin Clarey, Jacob Bundy, Edwin Mandieka, LaCombe Andrew, Thomas Crane, David Benavides, Matthew Elmore, Abbey Mulder, Jessica Parker, Jessica Campbell, Stacie Vanosterhout, Ryan Madder, Spectrum Health, Grand Rapids, MI, USA, Frederik Meijer Heart and Vascular Institute, Grand Rapids, MI, USA

438 - Utilization of a Clinical Ladder Process as a Strategy to Facilitate the Orientation of an Advanced Practice Provider Into a Cardiology Practice

Charlene G. Shallow, Jennifer Black, Prairie Cardiovascular Consultants, Springfield, IL, USA

439 - Evaluating Smartphone Based Photoplethysmography as a Screening Solution for Atrial Fibrillation: A Digital Tool to Detect Afib?

Lars Grieten, Jo van der Auwera, Pieter Vandervoort, Maximo Rivero-Ayerza, Hugo Van Herendael, Philip De Vusser, Wim Anne, Peter Pollet, Karl Dujardin, AZ Delta, Roeselare, Belgium, Ziekenhuis Oost-Limburg, Genk, Belgium

440 - Accelerator 2 SUSTAIN, A U.S. Regional Systems of Care Demonstration Project for Post-Discharge STEMI Patients: Preliminary Data, Methods and Design

Ajar Kochar, Christopher Fordyce, Lisa Monk, Hussein Al-Khalidi, Mayme Roettig, James Jollis, Christopher Granger, Bradi Granger, Duke Clinical Research Institute, Durham, NC, USA

441 - Severity of Illness Assessment in the Cardiac Intensive Care Unit (CICU): Application of the APACHE IV Predicted Mortality Score

Courtney Bennett, Jacob Jentzer, Ognjen Gajic, Gregory Barsness, Scott Wright, Mayo Clinic, Rochester, MN, USA

442 - Improving Clinical Decisions in Dyslipidemia: Simulation-Based Medical Education in Action

Jelena Spyropoulos, George Boutsalis, Piyali Chatterjee, Mike LaCouture, Medscape LLC, New York, NY, USA

443 - Predicting Readmission Risk Following Percutaneous Coronary Intervention at the Time of Admission

Zaher Fanari, Daniel Elliott, Carla Russo, Paul Kolm, William Weintraub, Christiana Care Health System, Newark, DE, USA

445 - Formal CPR Status Policy and Process Increased Documentation Rates

Joshua E. Levenson, Aken Desai, Karen Kelly, Emilie Prout, Joon Lee, Mark Schmidhofer, Winifred Teuteberg, University of Pittsburgh Medical Center Heart and Vascular Institute, Pittsburgh, PA, USA

446 - The Impact of Patient Activation in Patients Post-Myocardial Infarction

Anthony Peters, Ellen Keeley, University of Virginia Health System, Charlottesville, VA, USA

447 - Designing Tailored Health Messaging to Enhance Patient-Centered Care in Non-Valvular Atrial Fibrillation

Amelia Roebuck, Maria Carpenter, Carly Daley, Romisa Rohani Ghahari, Shauna Wagner, Ryan Ahmed, Tammy Toscos, Michael Mirro, Parkview Research Center, Fort Wayne, IN, USA

448 - Heart Failure Care Transitions: Queuing Theory-Based Cost-Effectiveness Analysis of Outpatient Clinic Capacity Sizing

Raja Kannan Mutharasan, Preeti Kansal, Hannah Alphs Jackson, Allen Anderson, Michael Abecassis, Charles Davidson, Gary Noskin, Itai Gurvich, Jan Van Mieghem, Clyde Yancy, Northwestern University, Chicago, IL, USA

444 - Predicting Readmission Risk Following Coronary Artery Bypass Surgery at the Time of Admission

Zaher Fanari, Daniel Elliott, Carla Russo, Paul Kolm, William Weintraub, Christiana Care Health System, Newark, DE, USA

449 - Social Media Following and Cardiology Journal Impact Factor

Kevin Shah, University of California, Los Angeles, Los Angeles, CA, USA

450 - Social Media in Academic Cardiology: The #ACC16 Experience

Robert Jay Widmer, Tom Lee, Audun Utengen, Lee Aase, Farris Timimi, Mayo Clinic, Rochester, USA

451 - Addition of Multimedia to Post-PCI Education: Patient Perception Versus Performance

Michael Carl Desiderio, Darcie De Milt, Kathleen Griffith, Mildred Kowalski, Betsy Pendexter, Stephanie Chiu, Nickolas Juliano, Jordan Safirstein, Morristown Medical Center, Morristown, NJ, USA

452 - Remote Digital Recruitment and Enrollment in a Nationwide Trial of Screening for Undiagnosed Atrial Fibrillation Using a Self-Applied ECG

Recording Patch Sensor: Lessons From the mStoPS Trial  
Steven R. Steinhubl, Katie Baca-Motes, Alison Edwards, Shawn Edmonds, Rajesh Mehta, Jill Waalen, Marissa M. Ballesteros, Lauren Ariniello, John Fastenau, Chureen Carter, Troy Sarich, Elise Felicione, Scripps Translational Science Institute, LaJolla, CA, USA

### Valvular Heart Disease - Poster Contributions Session #1103

#### Valvular Heart Disease: Endocarditis

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

025 - Risk of Infective Endocarditis Associated With Concomitant Pacemaker Among Patients Undergoing Aortic Valve Replacement: A Nationwide Study

Lauge Østergaard, Lauge Østergaard, Nana Valeur Køber, Lars Køber, Nikolaj Ihlemann, Henning Bundgaard, Gunnar Gislason, Christian Torp-Pedersen, Niels Eske Bruun, Emil Loldrup Fosbøl, Rigshospitalet, Copenhagen, Denmark

026 - Infective Endocarditis Following Transcatheter Aortic Valve

Implantation: Clinical, Echocardiographic and Hemodynamic Features  
William Miranda, Heidi Connolly, Larry Baddour, Kashish Goel, Walter Wilson, Kevin Greason, Charanjit Rihal, David Holmes, Vuyisile Nkomo, Mahmoud Ali, Jae Oh, Sorin Pislaru, Mayo Clinic, Rochester, MN, USA

027 - Trend and Outcomes of Infective Endocarditis Treated With Surgical

Valvular Replacement Insight From the Nationwide Inpatient Sample  
Sami Aljohani, Fahad Alqahtani, Ahmed Almustafa, Allison Lastinger, Ashwin Bhirud, Mohammad Akram Kawsara, Chalak Berzingi, Sameer Raina, Mohamad Alkhoul, West Virginia University Heart and Vascular Institute, Morgantown, WV, USA

028 - Comparison of Non-Surgical and Surgical Therapy for Prosthetic Valve Endocarditis: A Propensity Score-Adjusted Study

Shailee Shah, Syed Hussain, Gosta Pettersson, Amy S. Nowacki, Steve Gordon, Nabin Shrestha, Cleveland Clinic, Cleveland, OH, USA

### Valvular Heart Disease - Poster Contributions Session #1104

#### Valvular Disease Populations at Risk

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

029 - Isolated Tricuspid Valve Surgery: National Trends and Outcomes

Chad J. Zack, Pranav Chandrashekar, Erin Fender, Mohammed Al-Hijji, Rick Nishimura, Mayo Clinic, Rochester, MN, USA

030 - National and Regional Trends in Surgical Aortic Valve Replacement in the TAVR Era



Ramez S. Nairooz, Naga Venkata Pothineni, Partha Sardar, Saurav Chatterjee, J. Abbott, David Shavelle, University of Arkansas for Medical Sciences, Little Rock, AR, USA

031 - Surgical Risk and Therapy of Severe Symptomatic Degenerative Mitral Valve Regurgitation in the Contemporary Era

Matthew Dulas, Paul Sorajja, Kevin Harris, Robert Farivar, Richard Bae, Claudia See, Ross Garberich, Mario Gössl, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

032 - Risk Stratification Predicts Survival in Patients With Low Gradient Preserved Left Ventricular Ejection Fraction and Severe Aortic Stenosis After Aortic Valve Intervention

Yan Fan, David Zhao, Robert Applegate, Sanjay Gandhi, Brandon Stacey, Sujethra Vasu, Min Pu, Wake Health Baptist Medical Center, Winston-Salem, NC, USA

### Vascular Medicine - Poster Contributions

#### Session #1127

#### MicroRNAs and Beyond in Vascular Medicine

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

354 - Disturbed Expression of Immunoregulatory Long Noncoding RNAs in Circulating Immune Cells From Patients With Early Myocardial Infarction

Wolfgang Poller, Martina Gast, Shinichi Nakagawa, Jan Haas, Andrea Stroux, Christian Mueller, Daniela Börnigen, Dirk Westermann, Carsten Skurk, Ursula Rauch-Kröhnert, Kannanganattu Prasanth, Stefan Blankenberg, Benjamin Meder, Ulf Landmesser, Tanja Zeller, Charite - Universitätsmedizin Berlin, Berlin, Germany, University Heart Center Hamburg, Hamburg, Germany

355 - Mir-30c Protects Diabetic Nephropathy by Suppressing Epithelial-to-Mesenchymal Transition in Db/db Mice

Chen Chen, Yanru Zhao, Dao Wen Wang, Tongji Hospital, Wuhan, People's Republic of China

358 - MicroRNA-133 Mediated Angiogenesis Is Suppressed in Hyperoxia-Induced Bronchopulmonary Dysplasia

Saurabhkumar C. Patel, Tianji Chen, Miranda Sun, Ram Ramchandran, Usha Raj, University of Illinois at Chicago, Chicago, IL, USA

359 - Association of Endothelial Dysfunction and Arterial Wall Elastic Properties With Systemic Inflammation in Patients With Pseudoexfoliative Glaucoma

Evangelos Oikonomou, Evgenia Bourouki, Georgia Siasou, Gerasimos Siasos, Marilita Moschos, Nikolaos Gouliopoulos, Theodore Paraskevopoulos, Georgia Vogiatzi, Sotirios Tsalamandris, George-Angelo Papamikroulis, Alexis Antonopoulos, Dimitris Tousoulis, 1st Department of Cardiology, 'Hippokraton' Hospital, National & Kapodistrian University of Athens, Athens, Greece

362 - The Functional Relevance of High Density Lipoprotein Structure and Composition in the Improvement of Cholesterol Efflux Capacity After Roux-en-Y Gastric Bypass

Elena Osto, Petia Doytcheva, Jeremy Deuel, Dominik Schaer, Thomas Lutz, Thomas F. Luscher, Center for Molecular Cardiology, Zurich, Switzerland, ETH Zürich, Zurich, Switzerland

351 - Colchicine Exerts Antithrombotic Properties in oxLDL-Treated Endothelial Cells via Inhibition of Tissue Factor Expression and Activity

Giovanni Cimmino, Stefano Conte, Andrea Morello, Grazia Pellegrino, Giovanni Ciccarelli, Michele De Paulis, Plinio Cirillo, Paolo Golino, 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

### Vascular Medicine - Poster Contributions

#### Session #1128

#### Vascular Medicine: New Insights Into Aortic and Peripheral Artery Diseases

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

352 - Sex Differences in Thoracic Aortic Aneurysm Growth: Role of Aortic Stiffness

Thais Coutinho, Katie Y. Cheung, Munir Boodhwani, Luc Beauchesne, Carole Dennie, Alexander Dick, Sudhir Nagpal, Kwan-Leung Chan, University of Ottawa Heart Institute, Ottawa, Canada, University of Ottawa, Ottawa, Canada

353 - The Association of Human Leukocyte Antigen Phenotypes With Abdominal Aortic Aneurysm Expansion

Zi Ye, Iftikhar Kullo, Mayo Clinic, Rochester, MN, USA

356 - Differentiating Between Familial and Sporadic Thoracic Aortic Aneurysms and Dissections

Jennifer Chung, Chantal Morel, Sheri Horsburgh, Wilfred Ip, Hanna Faghfoury, Maral Ouzounian, University of Toronto, Toronto, Canada

357 - Improvement in Cholesterol Efflux Capacity Is Associated With Improvement in Vascular Inflammation by 18- FDG PET CT in Psoriasis

Adivya A. Joshi, Amit Dey, Abhishek Chaturvedi, Jonathan Chung, Joshua Rivers, Mohammad Tarek Kabbany, Mark Ahlman, Martin Playford, Nehal Mehta, National Heart, Lung, and Blood Institute, Bethesda, MD, USA

### Non-Certified Industry Events - Learning Destinations

#### Session #4201

#### Innovation Stage Presentation

Friday, March 17, 2017, 9:45 a.m. - 10:15 a.m.

Expo Hall 1357

CME Hours: /CNE Hours:

9:45 a.m.

Innovation Stage Presentation

### Special - Gaming

#### Session #6000

#### Engage @ ACC.17 Studio: FIT Jeopardy Battle of the State Chapters I

Friday, March 17, 2017, 9:45 a.m. - 11:45 a.m.

Engage @ ACC.17 Studio, Hall C

CME Hours: 2 /CNE Hours: 2

Co-Chair: Nkechinyere Ijioma

Co-Chair: Gautam Kumar

9:45 a.m.

Judge

Sabrina D. Phillips

9:45 a.m.

Judge

James A. Arrighi

Providence, RI

9:45 a.m.

Judge

Alison Bailey

Chattanooga, TN

9:45 a.m.

Group 1: Tennessee, Missouri, Alabama, Mississippi (SEC)

10:15 a.m.

Group 2: Kansas, Texas, West Virginia, South Dakota (Big-12)



10:45 a.m.  
Group 3: California, Georgia, Colorado, Illinois (Pac-12)

11:15 a.m.  
Group 4: Ohio, Michigan, Pennsylvania, Indiana (Big-10)

9:45 a.m.  
Moderator  
Chun Lin  
Houston, TX

9:45 a.m.  
Moderator  
Steve Leung  
Lexington, KY

9:45 a.m.  
Moderator  
Jordan Glanzman Safirstein  
Mountain Lakes, NJ

9:45 a.m.  
Moderator  
Lisa Rose-Jones  
Chapel Hill, NC

### Acute and Stable Ischemic Heart Disease - Moderated Poster Contributions Session #1138M

**Post-CAD/MI: Making Tough Predictions About the Future**  
Friday, March 17, 2017, 10 a.m. - 12 p.m.  
**Acute and Stable Ischemic Heart Disease Moderated Poster Theater,**  
**Poster Hall, Hall C**  
CME Hours: 2 /CNE Hours: 2

ACC Poster Moderator: Payam Dehghani  
ACC Poster Moderator: William S. Weintraub

10:00 a.m.  
One-Year Mortality Increased in Patients With Peri-Procedural Myocardial Infarction: Insights From the CHAMPION Trials  
Christoph Olivier, Vandana Sundaram, Victoria Ding, Lingyao Yang, Sergio Leonardi, Renato Lopes, Deepak Bhatt, Gregg Stone, Philippe Steg, C. Michael Gibson, Christian Hamm, Matthew Price, Harvey White, Manisha Desai, Robert Harrington, Donald R. Lynch, Kenneth Mahaffey, on Behalf of the CHAMPION Investigators, Stanford University, Stanford, CA, USA

10:10 a.m.  
Question and Answer

10:15 a.m.  
Risk Stratification With the TIMI Risk Score for Secondary Prevention Among Patients With Diabetes and Elevated Cardiovascular Risk  
Brian Bergmark, Deepak Bhatt, Erin Bohula, David Morrow, Philippe Steg, Ofri Mosenzon, Itamar Raz, Eugene Braunwald, Benjamin Scirica, TIMI Study Group, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

10:25 a.m.  
Question and Answer

10:30 a.m.  
The Burden of Coronary Artery Disease in Those With Human Immunodeficiency Virus as Demonstrated by Need for Percutaneous Coronary Intervention  
Hany Abdallah, Farid Gholitabar, Erna Kojic, Vani Gandhi, Mount Sinai St. Lukes/West, New York, NY, USA

10:40 a.m.  
Question and Answer

10:45 a.m.  
Percutaneous Coronary Intervention (PCI) Has Better Prognosis Than Conservative Treatment in Patient Over 80 Years During Non ST-Elevation Myocardial Infarction (NSTEMI)  
Anwar J. Siddiqui, Peter Reinius, Filip Maskovic, Linda Melbin, Karolinska University Hospital, Huddinge, Stockholm, Sweden

10:55 a.m.  
Question and Answer

11:00 a.m.  
Midregional Proadrenomedullin: A Prognostic Marker of Mortality and Heart Failure in Patients With ST-Segment Elevation Myocardial Infarction  
Alexander Christian Falkentoft, Rasmus Rørth, Dan Eik Høfsten, Kasper Iversen, Thomas Engstrøm, Henning Kelbæk, Lene Holmvang, Martin Frydland, Klaus Kofoed, Jens Peter Goetze, Christian Torp-Pedersen, Lars Køber, University Hospital of Copenhagen, Rigshospitalet, Copenhagen, Denmark

11:10 a.m.  
Question and Answer

11:15 a.m.  
Pharmacogenomic Implications of Renin Angiotensin Aldosterone System Inhibition in ST-Elevation Myocardial Infarction  
Giovanni Peretto, Sara Baggio, Marco Magnoni, Nicole Cristell, Chiara Lanzani, Lorena Citterio, Paolo Manunta, Domenico Cianflone, San Raffaele Hospital and University, Milan, Italy

11:25 a.m.  
Question and Answer

11:30 a.m.  
Unravelling the Mechanisms of Mental Stress Induced Myocardial Ischaemia: Novel Insights From Intracoronary Measurements During Cardiac Catheterisation  
Satpal Arri, Rupert Williams, Kaleab Asress, Matthew Lumley, Howard Ellis, Tiffany Patterson, Muhammed Khawaja, Divaka Perera, Brian Clapp, Michael Marber, Simon Redwood, St. Thomas' Hospital, King's College London, London, United Kingdom

11:40 a.m.  
Question and Answer

11:45 a.m.  
A New Score for Risk Stratification of Patients With Acute Myocardial Infarction Based on the PEGASUS-TIMI 54 Criteria  
Giancarlo Silvio Marenzi, Nicola Cosentino, Jeness Campodonico, Valentina Milazzo, Monica De Metrio, Mara Rubino, Pompilio Faggiano, Centro Cardiologico Monzino, IRCCS, Milan, Italy

11:55 a.m.  
Question and Answer

**Arrhythmias and Clinical EP - Moderated Poster Contributions**  
**Session #1134M**  
**Atrial Fibrillation, Anticoagulation and Novel Device Therapies**  
Friday, March 17, 2017, 10 a.m. - 12 p.m.  
**Arrhythmias and Clinical EP Moderated Poster Theater, Poster Hall,**  
**Hall C**  
CME Hours: 2 /CNE Hours: 2

ACC Poster Moderator: A. John Camm Kingdom  
ACC Poster Moderator: Daniel Cooper

10:00 a.m.  
Safety Profiles of Percutaneous Left Atrial Appendage Closure Devices: An Analysis of the Food and Drug Administration Manufacturer and User Facility Device Experience Database From 2009 - 2016



Mohammad-Ali Jazayeri, Venkat Lakshmi Kishan Vuddanda, Valay Parikh, Madhav Lavu, M. Rizwan Afzal, Mohit Turagam, Sudharani Bommana, Donita Atkins, Luigi Di Biase, Andrea Natale, Saibal Kar, Vijay Swarup, Madhu Reddy, Dhanunjaya Lakkireddy, The University of Kansas Hospital, Kansas City, KS, USA

10:10 a.m.  
Question and Answer

**10:15 a.m.**  
**Real World Evaluation of Major Bleeding Risk and Costs for All Causes and Bleeding-Related Health Services Among Elderly Patients With Nonvalvular Atrial Fibrillation Treated With Apixaban or Warfarin**  
**Steven Bruce Deitelzweig**, Xuemei Luo, Kiran Gupta, Jeffrey Trocio, Jack Mardekian, Tammy Cutice, Melissa Lingohr-Smith, Brandy Menges, Jay Lin, Pfizer, New York City, NY, USA, Bristol-Myers Squibb, Plainsboro, NJ, USA

10:25 a.m.  
Question and Answer

10:30 a.m.  
CHA<sub>2</sub>DS<sub>2</sub>-VASc Score Predicts Incident Atrial Fibrillation/Flutter in a Referral Population  
Nasir Hussain, Bernard Gersh, Stephen Kopecky, Randal Thomas, Thomas Allison, Mayo Clinic, Rochester, MN, USA

10:40 a.m.  
Question and Answer

10:45 a.m.  
CHA<sub>2</sub>DS<sub>2</sub> and CHA<sub>2</sub>DS<sub>2</sub>-VASc Scores as Predictors of Length of Stay and Cost of Care in Hospitalised Atrial Fibrillation Patients: Insights From a National Database  
Sopan Lahewala, Shilpkumar Arora, Prashant Patel, Harshil Shah, Byomesh Tripathi, Nilay Patel, Chirag Savani, Rajvee Patel, Ambarish Pathak, Kosha Thakore, Abhishek Deshmukh, RWJ Barnabas Health/Jersey City Medical Center, Jersey City, NJ, USA

10:55 a.m.  
Question and Answer

11:00 a.m.  
Early Mortality in Patients With New Onset Atrial Fibrillation: Results From the GARFIELD-AF Registry  
Samuel Z. Goldhaber, A John Camm, Gabriele Accetta, Jean-Pierre Bassand, David Fitzmaurice, Shinya Goto, Sylvia Haas, Werner Hacke, Gloria Kayani, Frank Misselwitz, Lorenzo Mantovani, Alexander Turpie, Martin van Eickels, Freek Verheugt, Ajay Kakkar, GARFIELD-AF Investigators, Thrombosis Research Institute, London, United Kingdom

11:10 a.m.  
Question and Answer

11:15 a.m.  
Effectiveness and Safety of Apixaban, Dabigatran, and Rivaroxaban Compared to Warfarin Among Non-Valvular Atrial Fibrillation Patients in the US Medicare Population  
Alpesh Amin, Allison Keshishian, Jeffrey Trocio, Hannah Le, Oluwaseyi Dina, Qisu Zhang, Onur Baser, Lien Vo, Pfizer Inc., New York, NY, USA, Bristol-Myers Squibb Company, Plainsboro, NJ, USA

11:25 a.m.  
Question and Answer

11:30 a.m.  
**Anticoagulation Use and Incidence of Cerebrovascular Events and Major Bleeding After Catheter Ablation in Patients With Persistent and Longstanding Persistent Atrial Fibrillation**

Jackson J. Liang, Melissa A. Elafros, Michael T. Mullen, Daniele Muser, Rajeev K. Pathak, Tatsuya Hayashi, Andres Enriquez, Erica Zado, Pasquale Santangeli, Robert Schaller, Gregory Supple, David Frankel, Fermin Garcia, David Lin, Michael Riley, Saman Nazarian, Sanjay Dixit, Francis Marchlinski, David J. Callans, Hospital of the University of Pennsylvania, Philadelphia, PA, USA

11:40 a.m.  
Question and Answer

11:45 a.m.  
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

11:55 a.m.  
Question and Answer

**Congenital Heart Disease - Moderated Poster Contributions**  
**Session #1131M**  
**Congenital Heart Disease: To the Third Decade and Beyond**  
**Friday, March 17, 2017, 10 a.m. - 12 p.m.**  
**Congenital Heart Disease and Pulmonary Hypertension Moderated Poster Theater, Poster Hall, Hall C**  
**CME Hours: 2 /CNE Hours: 2**

ACC Poster Moderator: Eric V. Krieger  
ACC Poster Moderator: Matthew J. O'Connor

10:00 a.m.  
Red Blood Cell Distribution Width and Outcomes in Fontan Patients  
Georges Ephrem, Amirhossein Esmaeeli, Jennifer Gerardin, Anita Saraf, Salim Hayek, Staci Jennings, Agasha Katarbarwa, Fred Rodriguez, Arshed Quyyumi, Wendy Book, Emory University School of Medicine, Atlanta, GA, USA, Sibley Heart Center Cardiology, Atlanta, GA, USA

10:10 a.m.  
Question and Answer

10:15 a.m.  
The Systemic Right Ventricle in Transposition of the Great Arteries: What Can We Learn From Serial Imaging?  
Matthew J. Lewis, Michiel Winter, Alexandra Van Dissel, Jonathan Ginns, Noa Zemer-Wassercug, Barbara Mulder, Marlon Rosenbaum, Columbia University Medical Center, New York, NY, USA, a.m.C, Amsterdam, The Netherlands

10:25 a.m.  
Question and Answer

10:30 a.m.  
Outcomes of Direct Current Cardioversion in Adults With Congenital Heart Disease  
Alexander C. Egbé, Samuel Asirvatham, Suraj Kapa, Heidi Connolly, Naser Ammass, Mayo Clinic, Rochester, MN, USA

10:40 a.m.  
Question and Answer

10:45 a.m.  
Prevalence and Incidence of Heart Failure in Adolescents and Adults With Repaired Tetralogy of Fallot  
Andreas P. Kalogeropoulos, Panagiotis Savvoulidis, Anita Saraf, Fred Rodriguez, Trenton Hoffman, Cheryl Raskind-Hood, Carol Hogue, Wendy Book, Emory University, Atlanta, GA, USA, Sibley Heart Center, Atlanta, GA, USA

10:55 a.m.  
Question and Answer

11:00 a.m.  
Outcomes of Non-Cardiac Procedures in Adult Fontan Patients



Alexander C. Ege, Heidi Connolly, Carole Warnes, Arooj Khan, Sameh Said, Mayo Clinic, Rochester, MN, USA

11:10 a.m.  
Question and Answer

11:15 a.m.  
Neurocognitive Impairment Is Common in the Adult With Congenital Heart Disease: Identification Using a Novel Clinical Questionnaire  
Scott Cohen, Ashley Leverenz, Michael Reis, Laura Umfleet, Salil Ginde, Peter Bartz, Michael Earing, Medical College of Wisconsin, Milwaukee, WI, USA

11:25 a.m.  
Question and Answer

11:30 a.m.  
Twenty Year Trends in Maternal and Perinatal Complications in Pregnant Women With Heart Disease  
Samuel C. B. Siu, Mathew Sermer, Jennifer Mason, Rachel Wald, Jack Colman, Candice Silversides, Western University, London, Canada, University of Toronto, Toronto, Canada

11:40 a.m.  
Question and Answer

11:45 a.m.  
Long-Term Follow-Up in Adult Survivors of Pulmonary Atresia With Intact Ventricular Septum  
Christine Bui, Wilson Lam, Wayne Franklin, Peter Ermis, Texas Children's Hospital, Baylor College of Medicine, Houston, TX, USA

11:55 a.m.  
Question and Answer

### **Heart Failure and Cardiomyopathies - Moderated Poster Contributions**

#### **Session #1137M**

#### **Why Can't We Be Friends? Controversies in Heart Failure Management**

Friday, March 17, 2017, 10 a.m. - 12 p.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 2 /CNE Hours: 2

ACC Poster Moderator: Paul J. Mather  
ACC Poster Moderator: Gurusher S. Panjrath

10:00 a.m.  
Duration of Oral Loop Diuretics and 30-Day Readmission in Patients With Acute Decompensated Heart Failure  
Benjamin Laliberte, Brent Reed, Sandeep Devabhakthuni, Kristin Watson, Vijay Ivaturi, Tao Liu, Stephen Gottlieb, University of Maryland Medical Center, Baltimore, MD, USA

10:10 a.m.  
Question and Answer

10:15 a.m.  
Remote Telemonitoring in Chronic Heart Failure Does Not Reduce Healthcare Cost but Improves Quality of Life: Endpoints of the CardioBEEAT Trial  
Heinz Voeller, Dominik Bindi, Klaus Nagels, Reiner Hofmann, Eik Vettorazzi, Karl Wegscheider, Eckart Fleck, Eckhard Nagel, University of Potsdam, Center of Rehabilitation Research, Potsdam/Brandenburg, Germany

10:25 a.m.  
Question and Answer

10:30 a.m.  
Mortality Effect of Icd in Primary Prevention of Non Ischemic Cardiomyopathy: A Meta Analysis of Randomized Control Trials

Hemindermeet Singh, Ameer Kabour, Abdur Khan, Sonia Ali Malik, Owais Khawaja, Haris Riaz, Wade Lee, Mark Richards, Johan Aasbo, Faraz Khan Luni, Mercy St. Vincent Medical Center, Toledo, OH, USA

10:40 a.m.  
Question and Answer

10:45 a.m.  
A Novel Score to Predict Outcome in Patients Supported by Veno-Arterial Extracorporeal Membrane Oxygenation  
Sakir Akin, Kadir Caliskan, Osama Soliman, L. S. D. Jewbali, Corstiaan den Uil, Atila Kara, Alina Constantinescu, Robert J. van Thiel, Ron van Domburg, Jan Bakker, Dinis dos Reis Miranda, Erasmus MC Rotterdam, Rotterdam, The Netherlands

10:55 a.m.  
Question and Answer

11:00 a.m.  
Cardiac Resynchronization Therapy in Inotropic-Dependent Heart Failure Patients: A Systematic Review and Meta-Analysis  
Vanessa Blumer, Luis Arcaay, Gabriel A. Hernandez, Jorge Monge, Juan Viles-Gonzalez, Jeffrey Goldberger, Sandra Chaparro, University of Miami, Miami, FL, USA

11:10 a.m.  
Question and Answer

11:15 a.m.  
Prevalent Digoxin Use Is Not Associated With Increased Risk of Death or Hospitalization in Ambulatory Heart Failure Patients With a Reduced Ejection Fraction  
Andrew P. Ambrosy, Ankeet Bhatt, Amanda Stebbins, Lisa Wruck, Stephen Greene, Marat Fudim, William Kraus, Christopher O'Connor, Ileana Pina, David Whellan, Robert Mentz, Duke University Medical Center, Durham, NC, USA, Duke Clinical Research Institute, Durham, NC, USA

11:25 a.m.  
Question and Answer

11:30 a.m.  
Adverse Outcomes With Use of Hydralazine and Nitrate Combination Therapy in Hospitalized Older Non-Black Patients With Heart Failure and Reduced Ejection Fraction (HFrEF)  
Phillip Hong Lam, Daniel Dooley, Essraa Bayoumi, Jonathan Segal, Cherinne Arundel, Gerasimos Filippatos, Javed Butler, Prakash C. Deedwania, Wen-Chih Wu, Michel White, Marc Blackman, Charity Morgan, Ioannis Kanonidis, Wilbert Aronow, Stefan Anker, Gregg Fonarow, Ali Ahmed, Georgetown University/Washington Hospital Center, Washington, DC, USA, DC Veterans Affairs Medical Center, Washington, DC, USA

11:40 a.m.  
Question and Answer

11:45 a.m.  
Association Between Serum Potassium Level and Outcomes in Heart Failure With Reduced Ejection Fraction: A Cohort Study From the Swedish Heart Failure Registry  
Lauren Beth Cooper, Lina Benson, Robert Mentz, Gianluigi Savarese, Adam DeVore, Juan Jesus Carrero, Ulf Dahlstrom, Stefan Anker, Mitja Lainscak, Adrian Hernandez, Bertram Pitt, Lars Lund, Inova Heart & Vascular Institute, Falls Church, VA, USA, Duke University, Durham, NC, USA

11:55 a.m.  
Question and Answer



### Interventional Cardiology - Moderated Poster Contributions

#### Session #1135M

#### Refining PCI Technique and Outcomes

Friday, March 17, 2017, 10 a.m. - 12 p.m.

Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 2 /CNE Hours: 2

ACC Poster Moderator: Thomas J. Povsic

10:00 a.m.

Treatment of Left Main Coronary Artery Disease in Patients With Diabetes: 3-Year Outcomes Comparing CABG and PCI With Everolimus-Eluting Stents From the EXCEL Study

A. Pieter Kappetein, Milan Milojevic, Patrick Serruys, Joseph Sabik, Stuart Head, David Kandzari, Eric Schampaert, David Taggart, Ferenc Horkay, Kovacs Imre Laszlo, Samer Mansour, Adrian Banning, Manel Sabate, Andrej Bochenek, Jose Pomar, Nicholas Lembo, Nicolas Noiseux, John Puskas, Ioanna Kosmidou, Roxana Mehran, Ori Ben-Yehuda, Philippe Genereux, Charles Simonton, Stuart Pocock, Gregg Stone, Erasmus MC, Rotterdam, The Netherlands

10:10 a.m.

Question and Answer

10:15 a.m.

External Validation of DAPT Score in Two Large Cohorts

Yiu Tung Anthony Wong, Do-Yoon Kang, Jung-Min Ahn, Ungjeong Do, Osung Kwon, Kyusup Lee, Jung Ae Hong, Se Hun Kang, Pil Hyung Lee, Duk-Woo Park, Soo-Jin Kang, Seung-Whan Lee, Young-Hak Kim, Cheol Whan Lee, Seong-Wook Park, Seung-Jung Park, Heart Institute, Asan Medical Center, Seoul, South Korea

10:25 a.m.

Question and Answer

10:30 a.m.

Comparison of Verapamil Versus Heparin Therapy on Procedural Success During Transradial Coronary Procedures (Vermut Study)

Matteo Tebaldi, Simone Biscaglia, Carlo Tumscitz, Francesco Gallo, Giosafat Spitaleri, Annamaria Del Franco, Gianluca Campo, Cardiology Unit, Azienda Ospedaliera Universitaria di Ferrara, Ferrara, Italy

10:40 a.m.

Question and Answer

10:45 a.m.

Three-Year Results From the EVOLVE II Randomized Trial: Late Clinical Outcomes With Bioresorbable Compared to Permanent Polymer Everolimus-Eluting

Dean J. Kereiakes, Ian Meredith, Stephan Windecker, Josep Rodes-Cabau, Tommy Lee, Arthur Reitman, Andrejs Erglis, Mark Dorogy, Barry Bertolet, Louis Cannon, Juhani Airaksinen, Craig Siegel, Thomas Christen, Dominic Allocco, Keith Dawkins, The Christ Hospital Heart and Vascular Center/ The Lindner Research Center, Cincinnati, OH, USA

10:55 a.m.

Question and Answer

11:00 a.m.

Final 3-Year Clinical Outcomes of Patients Treated With Everolimus-Eluting Bioresorbable Scaffolds Versus Everolimus-Eluting Metallic Stents: A Propensity Score Comparison of Patients Enrolled in the Extend and SPIRIT Trials

Jose de Ribamar Costa, Alexandre Abizaid, Antonio Bartorelli, Robert Whitbourn, Patrick Serruys, Instituto Dante Pazzanese, São Paulo, Brazil

11:10 a.m.

Question and Answer

11:15 a.m.

Outcomes of PCI Versus CABG in Left Main Disease According to SYNTAX Score by Site Versus Angiographic Core Laboratory Assessment: Insights From the EXCEL Trial

Philippe Genereux, Patrick Serruys, A. Kappetein, Ad Van Boven, Mark Hickey, David Kandzari, Erick Schampaert, Ferenc Horkay, Imre Ungi, Samer Mansour, Stuart Pocock, Adrian Banning, David Taggart, Manel Sabate, Anthony Gershlick, Piet Boonstra, Nicholas Lembo, John Puskas, Ioanna Kosmidou, 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

11:25 a.m.

Question and Answer

11:30 a.m.

Appropriate Use Criteria and Health Status Outcomes After CTO PCI: Results From the OPEN CTO Registry

John Thomas Saxon, Adam Salisbury, James Grantham, James Sapontis, William Lombardi, Dimitrios Karpaliotis, Jeffrey Moses, Yuanyuan Tang, David Cohen, John Spertus, David Safley, University of Missouri Kansas City, Kansas City, MO, USA, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA

11:40 a.m.

Question and Answer

11:45 a.m.

mTors Inhibitors Increase Endothelial Permeability and Prevent Maturation: Uncovering the Mechanism of Neoatherosclerosis in Drug Eluting Stents  
Emanuel Harari, Frank Kolodgie, Liang Guo, Eduardo Acampado, Matthew Kutyna, Hiroyoshi Mori, Samantha Smith, Alope Finn, Renu Virmani, CVPath Institute Inc., Gaithersburg, MD, USA

11:55 a.m.

Question and Answer

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

#### Session #1136M

#### Noninvasive Assessment of Coronary Flow Reserve: Clinical Implications

Friday, March 17, 2017, 10 a.m. - 12 p.m.

Non Invasive Imaging Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 2 /CNE Hours: 2

ACC Poster Moderator: Vasken Dilsizian

ACC Poster Moderator: James K. Min

10:00 a.m.

Relationship of Coronary Flow Reserve With Body Mass Index and Adverse Outcomes in Patients Without Overt Ischemic Heart Disease: Implications for Metabolic Surgery Eligibility

Navkaranbir S. Bajaj, Michael Osborne, Ankur Gupta, Paco Bravo, Tomas Vita, Thomas Christensen, Courtney Foster, Jon Hainer, Meagan Harrington, Victoria Morgan, Sharmila Dorbala, Ron Blankstein, Marcelo F. Di Carli, Viviany Taqueti, Brigham and Women's Hospital, Boston, MA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Non-Invasive Coronary Flow Reserve Predicts Major Adverse Cardiac Events in Patients With Prior Coronary Artery Bypass Grafting

Amjad M. Ahmed, Ihab Sulaiman, Mousa Alfaris, Dalia Ahmed, Ahmed Aljazeera, Ahmed Alsaileek, Abdulbaset Sulaiman, Sherif Sakr, Mouaz Al-Mallah, King Abdulaziz Medical City, King Saud bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia



10:25 a.m.  
Question and Answer

10:30 a.m.  
In the Presence of Significant Epicardial Coronary Disease, Diabetes Mellitus Is Further Associated With Reduced Myocardial Flow Reserve  
Kai Yi Wu, Nicholas Timmerman, Rachel McPhedran, Rob Beanlands, Robert deKemp, Aun-Yeong Chong, University of Ottawa Heart Institute, Ottawa, Canada, University of Ottawa Faculty of Medicine, Ottawa, Canada

10:40 a.m.  
Question and Answer

10:45 a.m.  
Relationship Between Whole Vessel Quantitative Plaque Characteristics and Noninvasive Fractional Flow Reserve From Coronary Computed Tomography Angiography  
Mhairi Katrina Doris, Yuka Otaki, Balaji Tamarappoo, Yoav Arnsen, Heidi Gransar, Frances Wang, Sean Hayes, John Friedman, Louise Thomson, Piotr Slomka, Damini Dey, Daniel Berman, Cedars-Sinai Medical Center, Los Angeles, CA, USA

10:55 a.m.  
Question and Answer

11:00 a.m.  
Atherosclerotic Plaque Morphology Is Associated With Impaired Myocardial Blood Flow and Fractional Flow Reserve, Independent of Luminal Obstruction  
Roel Driessen, Wijnand Stuijzand, Pieter Raijmakers, Ibrahim Danad, James Min, Jonathon Leipsic, Amir Ahmadi, Jagat Narula, Peter van de Ven, Marc Huisman, Adriaan Lammertsma, Albert van Rossum, Niels Van Royen, Paul Knaapen, VU University Medical Center, Amsterdam, The Netherlands

11:10 a.m.  
Question and Answer

11:15 a.m.  
Can Necrotic Core Volume Explain Ischemia Coronary Stenosis Mismatch in Some Cases?  
Amir Ali Ahmadi, Jonathan Leipsic, Kristian Oevrehus, Sara Gaur, Angel Sanz Salvo, Gina LaRocca, Pedro Moreno, Farah Lajam, Bjarne Norgaard, Jagat Narula, Ichan School of Medicine at Mount Sinai Hospital, New York, NY, USA, Aarhus University, Aarhus, Denmark

11:25 a.m.  
Question and Answer

11:30 a.m.  
Non-Invasive Coronary Flow Reserve Predicts Incident Atrial Fibrillation  
Mouaz H. Al-Mallah, Amjad Ahmed, Ihab F. Sulaiman, Mousa Alfaris, Dalia Ahmed, Ahmed Alsaileek, Ahmed Aljizeeri, Abdulbaset Sulaiman, King Abdulaziz Medical City, King Saud bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia

11:40 a.m.  
Question and Answer

11:45 a.m.  
Association Between Coronary Flow Reserve and Adverse Cardiovascular Events Along a Continuum of Metabolic Disease in Symptomatic Patients Without Overt Coronary Artery Disease  
Michael Thomas Osborne, Navkaranbir Bajaj, Viviany Taqueti, Paco Bravo, Tomas Vita, Ankur Gupta, Courtney Foster, Meagan Harrington, Victoria Morgan, Jon Hainer, Sharmila Dorbala, Ron Blankstein, Marcelo F. Di Carli, Brigham and Women's Hospital, Boston, MA, USA, Massachusetts General Hospital, Boston, MA, USA

11:55 a.m.  
Question and Answer

### Prevention - Moderated Poster Contributions Session #1133M

**The PCSK9 Revolution: New Insights Into Evaluation and Treatment**  
Friday, March 17, 2017, 10 a.m. - 12 p.m.  
Prevention Moderated Poster Theater, Poster Hall, Hall C  
CME Hours: 2 /CNE Hours: 2

ACC Poster Moderator: Anand Rohatgi  
ACC Poster Moderator: Robert S. Rosenson

10:00 a.m.  
Alirocumab Efficacy and Safety in Patients With Hypercholesterolemia and With or Without Clinical Atherosclerotic Cardiovascular Disease: Pooled Analysis of 10 ODYSSEY Randomized Trials  
Peter H. Jones, Seth Martin, Harold Bays, G. B. John Mancini, Maurizio Averna, Andrei C. Sposito, Michael Koren, Rita Samuel, Alexia Letierce, Marie Baccara-Dinet, R. Scott Wright, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Paris, France

10:10 a.m.  
Question and Answer

10:15 a.m.  
Proprotein Convertase Subtilisin Kexin Type 9 Regulation in Human Immunodeficiency Virus-Infected Patients Under Protease Inhibitors  
Franck Boccara, Mathilde Ghislain, Laurence Meyer, Cecile Goujard, Cedric Le May, Corinne Vigouroux, Jean Philippe Bastard, Soraya Fellahi, Jacqueline Capeau, Ariel Cohen, Bertrand Cariou, Agence Nationale de Recherche sur le SIDA et les Hépatites Virales, Paris, France, Assistance Publique Hôpitaux de Paris, Paris, France

10:25 a.m.  
Question and Answer

10:30 a.m.  
Alirocumab Treatment in a Real World Setting: Safety Update From an Open-Label Treatment Extension to the ODYSSEY Program for Patients With Heterozygous Familial Hypercholesterolemia  
John R. Guyton, G Kees Hovingh, Gisle Langslet, Robert Dufour, Marie Baccara-Dinet, Chantal Din-Bell, Garen Manvelian, Michel Farnier, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Paris, France

10:40 a.m.  
Question and Answer

10:45 a.m.  
Implications of the FDA Approval of PCSK9 Inhibitors for Contemporary Cardiovascular Practice: Findings From the NCDR® Research to Practice (R2P) Project  
Paul Hess, Kevin Kennedy, Michael Cowherd, Salim Virani, Frederick Masoudi, Ann Marie Navar, Robert Yeh, Thomas Maddox, VA Eastern Colorado Health Care System, Denver, CO, USA, University of Colorado Anschutz Medical Campus, Aurora, CO, USA

10:55 a.m.  
Question and Answer

11:00 a.m.  
Circulating PCSK9 Is Not Associated With All-Cause and Cardiovascular Mortality  
Günther Silbernagel, Hubert Scharnagl, Marcus Kleber, Tatjana Stojakovic, Winfried März, Medical University of Graz, Graz, Austria

11:10 a.m.  
Question and Answer

11:15 a.m.  
Impact of Statin Intolerance Rates on Need for Ezetimibe and/or PCSK9 Inhibitors for Meeting Low-Density Lipoprotein Goals in a Real-World Cohort With Atherosclerotic Cardiovascular Disease



Christopher P. Cannon, Irfan Khan, Alexa Klimchak, Robert Sanchez, William Sasiela, Matthew Reynolds, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Bridgewater, NJ, USA

11:25 a.m.  
Question and Answer

11:30 a.m.  
A Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study to Evaluate the Efficacy and Safety of Alirocumab in High Cardiovascular Risk Patients With Hypercholesterolemia Not Adequately Controlled With Their Lipid-Modifying Therapy in South Korea and Taiwan  
Kwang K. Koh, Chang-Wook Nam, Ting-Hsing Chao, Ming-En Liu, Chiung-Jen Wu, Dong-Soo Kim, Chong-Jin Kim, Ivy Li, Jianyong Li, Marie Baccara-Dinet, Pi-Jung Hsiao, Chern-En Chiang, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Paris, France

11:40 a.m.  
Question and Answer

11:45 a.m.  
Discordant Response of Low Density Lipoprotein Cholesterol and Lp(a) Levels to Monoclonal Antibodies Targeting Proprotein Convertase Subtilisin/Kexin Type 9  
Blair Edmiston, Nathan Brooks, Jessica Minnier, Cezary Wojcik, Barton P. Duell, Jonathan Q. Purnell, Tina Kaufman, Hagai Tavori, Sergio Fazio, Michael Shapiro, Oregon Health and Science University, Portland, OR, USA

11:55 a.m.  
Question and Answer

### Special - Moderated Poster Contributions

#### Session #1140M

**Innovation in Practice Management, Advocacy, and Education**  
Friday, March 17, 2017, 10 a.m. - 12 p.m.

Spotlight on Special Categories Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 2 /CNE Hours: 2

ACC Poster Moderator: Julie Damp  
ACC Poster Moderator: Chittur A. Sivaram

10:00 a.m.  
Importance of Twitter During Cardiology Conferences  
Chintan Trivedi, Carola Gianni, Sanghamitra Mohanty, Luigi Di Biase, Andrea Natale, Texas Cardiac Arrhythmia Institute at St. David's Medical Center, Austin, TX, USA

10:10 a.m.  
Question and Answer

10:15 a.m.  
Early Defibrillation by First-Responders in Relation to Fire Stations: Optimal Benefit According to Location  
Steen Hansen, Carolina Malta Hansen, Christopher Fordyce, Matthew Dupre, Lisa Monk, Clark Tyson, James Jollis, Christopher Granger, and the CARES Surveillance Group, Duke Clinical Research Institute, Durham, NC, USA

10:25 a.m.  
Question and Answer

10:30 a.m.  
In an Era of TAVR How Can Cardiology Fellow Auscultation Skills Be Improved  
Juliette E. Power, Michael Barrett, John Power, Allegheny General Hospital, Pittsburgh, PA, USA, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

10:40 a.m.  
Question and Answer

10:45 a.m.  
Evaluating the Role of Anticoagulation Clinical Pharmacists for Coordinating Periprocedural Anticoagulation  
Akash Kataruka, Elizabeth Renner, Geoffrey Barnes, University of Michigan Health Systems, Ann Arbor, MI, USA

10:55 a.m.  
Question and Answer

**11:00 a.m.**  
**Effect of an Online Continuing Medical Education and Clinician Coaching Quality Improvement Initiative on Antiplatelet Medication Adherence and Hospital Readmissions in Patients With Acute Coronary Syndrome**  
Amy Larkin, Mike LaCouture, Frank Ernst, Eric Bates, Christopher Cannon, Deepak Bhatt, Medscape Education, New York, NY, USA

11:10 a.m.  
Question and Answer

11:15 a.m.  
Improvement in Quality Indicators Using NCDR® Registries: First International Experience  
Pedro Gabriel Melo De Barros E. Silva, Henrique Ribeiro, Thiago Macedo, Mariana Okada, Valter Furlan, Expedito Ribeiro, Hospital Totalcor, Sao Paulo, Brazil

11:25 a.m.  
Question and Answer

11:30 a.m.  
Lets Put the Trials to a Test: A 23 Year Review of United States Food and Drug Administration (FDA) Records of Cardiovascular Disease Clinical Trials  
Oduwayo Olorunfemi, Gbolahan Ogunbayo, Amole Ojo, Rebecca Ojo, Olatunde Ola, Rochester General Hospital, Rochester, NY, USA

11:40 a.m.  
Question and Answer

11:45 a.m.  
Using Mobile Device Technology and Spaced Education Adaptive Learning Algorithms to Teach ECG Interpretation  
Brian Daniel McCauley, Antony Chu, Warren Alpert Medical School, Brown University, Providence, RI, USA

11:55 a.m.  
Question and Answer

### Valvular Heart Disease - Moderated Poster Contributions

#### Session #1132M

**Novel Determinants of Outcomes in VHD**

Friday, March 17, 2017, 10 a.m. - 12 p.m.

Valvular Heart Disease Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 2 /CNE Hours: 2

ACC Poster Moderator: Victoria Delgado  
ACC Poster Moderator: Robert Kim

10:00 a.m.  
Impact of Aortic Valve Calcification and Sex on Hemodynamic Progression and Clinical Outcomes in Aortic Stenosis  
Lionel Lloyd Tastet, Maurice Enriquez-Sarano, Romain Capoulade, Youssef Maalouf, Philip Araoz, Louis Simard, Mylène Shen, Hector Michelena, Eric Larose, Marie Arsenault, Élisabeth Bédard, Jordan Miller, Philippe Pibarot, Marie-Annick Clavel, Institut Universitaire de Cardiologie et Pneumologie de Québec, Québec, Canada, Mayo Clinic, Rochester, MN, USA

10:10 a.m.  
Question and Answer



10:15 a.m.  
Relationship Between Proximal Aorta Morphology and Progression Rate of Aortic Stenosis  
Romain Capoulade, Jonathan G. Teoh, Philipp E. Bartko, Eliza Teo, Jan-Erik Scholtz, Lionel Tastet, Mylène Shen, Christos Mihos, Yong H. Park, Garcia Julio, Eric Larose, Eric Isselbacher, Thoralf Sundt, Thomas MacGillivray, Serguei Melnitchouk, Brian Ghoshhajra, Philippe Pibarot, Judy Hung, Massachusetts General Hospital - Harvard Medical School, Boston, MA, USA, Québec Heart & Lung Institute, Quebec, Canada

10:25 a.m.  
Question and Answer

10:30 a.m.  
Racial Disparity in Aortic Valve Replacement Outcomes: Insight From National Inpatient Sample  
Ali Hama Amin, Vinay Badhwar, Fahad Alqahtani, Sami Aljohani, Zakeih Chaker, Ahmed Almustafa, Mohammad Akram Kawsara, Mohamad Alkhouli, WVU-Heart and Vascular Institute, Morgantown, WV, USA

10:40 a.m.  
Question and Answer

10:45 a.m.  
Electrocardiographic Strain Is Associated With Reduced Survival After Surgical Aortic Valve Replacement for Aortic Stenosis  
Julien Magne, Barthelemy Guinot, Dania Mohty, Antoine Bourgeois, Alessandro Piccardo, Alexandre Le Guyader, Victor Abovans, CHU Limoges, Limoges, France

10:55 a.m.  
Question and Answer

11:00 a.m.  
Valvuloarterial Impedance and Left Ventricular Global Longitudinal Strain Provide Incremental Prognostic Value in Patients With Significant Aortic Stenosis and Preserved Left Ventricular Ejection Fraction  
Chetan Huded, Andrew Goodman, Kenya Kusunose, Lars Svensson, A. Gillinov, Brian Griffin, Milind Y. Desai, Cleveland Clinic, Cleveland, OH, USA

11:10 a.m.  
Question and Answer

11:15 a.m.  
Pre-Operative Longitudinal Strain and Strain Rate as Predictors of Impaired Post-Operative Ejection Fraction in Patients Operated for Pure Aortic Regurgitation  
Anne-Julie Boilard, Louis Simard, Lionel Tastet, Nancy Côté, Francois Dagenais, Marie-Annick Clavel, Institut Universitaire de Cardiologie et de Pneumologie de Québec, Québec, Canada

11:25 a.m.  
Question and Answer

11:30 a.m.  
Coexisting Co-Morbidities Exacerbate Left Ventricular Diastolic Dysfunction and Prognosis in Patients With Severe Aortic Stenosis  
Saki Ito, William Miranda, Vuyisile Nkomo, Sorin Pislaru, Joseph Malouf, Patricia Pellikka, Jae Oh, Mayo Clinic, Rochester, MN, USA

11:40 a.m.  
Question and Answer

11:45 a.m.  
Impact of Moderate Mitral Regurgitation on Patients: Mortality May Be Underestimated - Analysis of Clinical Data Repositories  
Irminda Gradus-Pizlo, Abhishek Khemka, Richard Kovacs, Wanzhu Tu, Ross Hayden, Abdullah Masud, George Eckert, William Tierney, Indiana University

School of Medicine, Indianapolis, IN, USA, Regenstrief Institute, Indianapolis, IN, USA

11:55 a.m.  
Question and Answer

### Vascular Medicine - Moderated Poster Contributions Session #1139M

#### Highlights in Vascular Medicine Research

Friday, March 17, 2017, 10 a.m. - 12 p.m.

Vascular Medicine Moderated Poster Theater, Poster Hall, Hall C  
CME Hours: 2 / CNE Hours: 2

ACC Poster Moderator: Brett Carroll  
ACC Poster Moderator: Alan T. Hirsch

10:00 a.m.  
Yield of Genetic Testing in Patients With Thoracic Aortic Disease  
Amine Mazine, Joseph H. Moryousef-Abitbol, Hanna Faghfoury, James M. Meza, Chantal Morel, Maral Ouzounian, University of Toronto, Toronto, Canada

10:10 a.m.  
Question and Answer

10:15 a.m.  
Global Plaque Burden by Carotid and Femoral 3D Vascular Ultrasound: The PESA (Progression and Early Detection of Subclinical Atherosclerosis) Study  
Beatriz Lopez-Melgar, Leticia Fernandez-Friera, Belen Oliva, Jose Manuel Garcia-Ruiz, Vicente Martinez de Vega, Agustin Mocoora, Borja Ibañez, Javier Sanz, Antonio Fernandez-Ortiz, Valentin Fuster, Centro Nacional de Investigaciones Cardiovasculares Carlos III (CNIC), Madrid, Spain

10:25 a.m.  
Question and Answer

10:30 a.m.  
Thirty-Day Readmissions Following Endovascular or Surgical Treatment for Critical Limb Ischemia: Analysis of the Nationwide Readmissions Database  
Dhaval Kolte, Mehdi Shishehbor, Kevin Kennedy, Peter Soukas, J. Abbott, Douglas E. Drachman, Shafiq Mamdani, Sahil Khera, Omar Hyder, Herbert Aronow, Brown University, Providence, RI, USA

10:40 a.m.  
Question and Answer

10:45 a.m.  
Cancer and Arterial Thrombosis Risk: Insights From the 2012 National Inpatient Sample  
Alyssa Corley, Malachy Sullivan, Scott Friedman, Daniel O'Rourke, Robert Palac, Anthony Gemignani, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA, White River Junction Veterans Affairs Medical Center, White River Junction, VT, USA

10:55 a.m.  
Question and Answer

11:00 a.m.  
Apabetalone (RVX-208) Lowers Cardiovascular Disease (CVD) in Diabetes Mellitus by a Mechanism Involving Microbiome Mediated Activity on the Complement Pathway  
Norman C. Wong, Ewelina Kulikowski, Cyrus Calosing, Laura Tsujikawa, Sylwia Wasiak, Dean Gilham, Christopher Halliday, Jan Johansson, Michael Sweeney, Resverlogix Corp, Calgary, Canada

11:10 a.m.  
Question and Answer



11:15 a.m.

The Addition of Renal Impairment to the CHA2DS2-VASc Score as a Predictor of Thromboembolism and Mortality in Patients Without Atrial Fibrillation  
**Christine Parsons**, Stephen Cha, Win-Kuang Shen, Santosh Desai, Salma Patel, Alanna Chamberlain, Sushil Allen Luis, Maria Aguilar, Bart Demaerschalk, Farouk Mookadam, Fadi Shamoun, Mayo Clinic, Scottsdale, AZ, USA, Mayo Clinic, Rochester, MN, USA

11:25 a.m.

Question and Answer

11:30 a.m.

Morphological Features of Vascular Healing in Paclitaxel Coated Balloon Compared to Plain Old Balloon Angioplasty in Human Peripheral Artery Disease

**Purushothaman K-Raman**, Meerarani Purushothaman, Baber Usman, Arthur Tarricone, Miguel Vasquez, Annapoorna Kini, Samin Sharma, Pedro Moreno, Prakash Krishnan, Icahn School of Medicine at Mount Sinai, New York, NY, USA

11:40 a.m.

Question and Answer

11:45 a.m.

Comparative Assessment of Subintimal Versus Intraluminal Crossing of Infringuinal Chronic Total Occlusion Lesions

**Ananya Kondapalli**, Haekyung Jeon-Slaughter, Ehrin Armstrong, Nicolas Shammass, Andrew Shammass, Anand Prasad, Ian Cawich, Gerardo Rodriguez, Mazen Abu-Fadel, Emmanouil Brilakis, Subhash Banerjee, University of Texas Southwestern Medical Center, Dallas, TX, USA

11:55 a.m.

Question and Answer

#### Non-Certified Industry Events - Learning Destinations

##### Session #4111

##### Identifying the nOH Patient in the Cardiology Clinic

Friday, March 17, 2017, 10:15 a.m. - 11 a.m.

Expo Hall 413

CME Hours: /CNE Hours:

10:15 a.m.

Identifying the nOH Patient in the Cardiology Clinic

#### Non-Certified Industry Events - Learning Destinations

##### Session #4001

##### A Closer Look at Real World Evidence and the Availability of a Reversal Agent in Anticoagulation Care

Friday, March 17, 2017, 10:15 a.m. - 11:15 a.m.

Expo Hall 1955

CME Hours: /CNE Hours:

10:15 a.m.

A Closer Look at Real World Evidence and the Availability of a Reversal Agent in Anticoagulation Care

Todd C. Villines

Rockville, MD

10:15 a.m.

A Closer Look at Real World Evidence and the Availability of a Reversal Agent in Anticoagulation Care

James Williams

Lubbock, TX

#### Non-Certified Industry Events - Learning Destinations

##### Session #4009

##### Industry-Expert Theater 2 Presentation

Friday, March 17, 2017, 10:15 a.m. - 11:15 a.m.

Expo Hall 2255

CME Hours: /CNE Hours:

10:15 a.m.

Industry-Expert Theater 2 Presentation

#### Non-Certified Industry Events - Learning Destinations

##### Session #4202

##### Thrombosis - AFib: An Exploration in Risk Reduction

Friday, March 17, 2017, 10:45 a.m. - 11:15 a.m.

Expo Hall 1357

CME Hours: /CNE Hours:

10:45 a.m.

Thrombosis - AFib: An Exploration in Risk Reduction

#### Non-Certified Industry Events - Learning Destinations

##### Session #4112

##### Orthostatics: What, Where, How (Fellows Program)

Friday, March 17, 2017, 11:30 a.m. - 12:15 p.m.

Expo Hall 413

CME Hours: /CNE Hours:

Orthostatics: What, Where, How (Fellows Program)

#### Acute and Stable Ischemic Heart Disease - International

##### Session #513

##### STEMI in the Emerging World: International Perspectives From the Cardiological Society of India, Mexican Society of Cardiology, and American College of Cardiology

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 145 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: A. Allen Seals

Co-Chair: Erick Alexanderson Rosas, Mexico

Co-Chair: Santanu Guha

12:15 p.m.

Introduction to Session

A. Allen Seals

12:20 p.m.

STEMI Reperfusion in Developing Countries

Alexandra Arias-Mendoza

Huixquilucan, Mexico

12:31 p.m.

Pharmaco Invasive Therapy in STEMI: Indian Experience

Muruges Shantaveeraya Hiremath

Pune, India

12:42 p.m.

Regional STEMI Management in the U.S.

Aaron D. Kugelmass

Springfield, MA

12:53 p.m.

Thrombolysis in STEMI: Indian Scenario

Amal Kumar Banerjee

Howrah, West Bengal, India

1:04 p.m.

The Usefulness of DAPT Score in Antiplatelet Therapy After ACS

Marco Antonio Alcocer Gamba

Mexico City, Mexico



1:15 p.m.  
Discussion

#### **Acute and Stable Ischemic Heart Disease - Scientific Session #608**

**Understanding Spontaneous Coronary Artery Dissection (SCAD): What We Know, What We Don't Know**  
Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.  
Room 150 A  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sharonne Hayes  
Co-Chair: Jennifer Tremmel  
Panelist: Pittman Wagers Tina

12:25 p.m.  
Question and Answer

12:30 p.m.  
Making the Diagnosis: What Does it Look Like, What Diagnostic Tests are Best?  
Christopher Buller

12:40 p.m.  
Question and Answer

12:45 p.m.  
To Treat or Not to Treat: PCI, CABG, or Conservative Management  
Rajiv Gulati  
Rochester, MN

12:55 p.m.  
Question and Answer

1:00 p.m.  
After the Event: Looking for the Etiology  
Malissa Jane Wood  
Boston, MA

1:10 p.m.  
Question and Answer

1:15 p.m.  
What do We Advise with Regard to Medications, Exercise, Pregnancy, and Risk of Recurrence?  
Sahar Naderi  
San Francisco, CA

1:25 p.m.  
Question and Answer

1:30 p.m.  
The Psychological Aftermath: How Best to Help Patients Through the Trauma  
Katharine S. Edwards  
Stanford, CA

1:40 p.m.  
Question and Answer

#### **Arrhythmias and Clinical EP - Scientific Session #606**

**ECG Screening in Athletes: The Great Debate**  
Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.  
Ballroom B  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Eugene Chung  
Co-Chair: Silvana Lawrence

12:15 p.m.  
Debate: ECG Screening Should Be Routinely Performed in Athletes, Pro

Francesco Fedele

12:30 p.m.  
Debate: ECG Screening Should Be Routinely Performed in Athletes, Con  
Bryan C. Cannon  
Rochester, MN

12:45 p.m.  
Rebuttal Pro

12:50 p.m.  
Rebuttal: Con

12:55 p.m.  
Question and Answer

1:10 p.m.  
ACC Talk: Talking to the Athlete with a Heart Rhythm Problem  
Rachel Lampert  
New Haven, CT

#### **Arrhythmias and Clinical EP - Scientific Session #607**

**Heart Rhythm Disorders: Today and Tomorrow**  
Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.  
Room 147 A  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Srinivas Dukkipati  
Co-Chair: Cynthia Tracy

12:15 p.m.  
Case Studies: Leadless Pacemakers. Is Now the Time for Widespread Implantation, or is it Only for Selected Patients?  
Dwight Reynolds

12:33 p.m.  
Subcutaneous ICD: Should the Subcutaneous ICD Be the "New Normal" for Primary Prevention Defibrillators? Case Studies  
Jeanne E. Poole  
Seattle, WA

12:51 p.m.  
Left Atrial Appendage Interventions Cases: When to Consider Plugging, Tying, Both, or Neither?  
Vivek Reddy  
New York, NY

1:09 p.m.  
The Power of Positive Thinking: Innovations to Anticipate  
Samuel Asirvatham  
Rochester, MN

1:27 p.m.  
Question and Answer

#### **Congenital Heart Disease - Scientific Session #609**

**Innovation in Congenital Cardiac Subspecialty Care**  
Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.  
Room 146 C  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Ami Bhatt  
Co-Chair: Reena L. Pande

12:15 p.m.  
ACC-Talk: Connected Again  
Ami Bhatt



12:35 p.m.  
Innovation in Behavioral Health  
Reena L. Pande  
Boston, MA

12:50 p.m.  
Innovation on a Large Scale: Is There a Role for  
Focusing on Youth?  
Jessica L. Mega  
Mountain View, CA

1:20 p.m.  
Panel Discussion with Audience Question and Answer

**Heart Failure and Cardiomyopathies - Scientific  
Session #611**  
**Kanu and Docey Chatterjee Lecture and Seminal Talks in Heart  
Failure: I Wanna New Drug: Updated Heart Failure Guidelines**  
Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.  
**Ballroom C**  
**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Keith Aaronson  
Co-Chair: Rhondalyn McLean

12:15 p.m.  
The Legacy of Dr. Kanu Chatterjee  
John Gordon Harold

12:18 p.m.  
Introduction of Dr. Jessup as the Kanu and Docey Chatterjee Lecturer  
Prediman K. Shah  
Los Angeles, CA

12:20 p.m.  
Kanu and Docey Chatterjee Lecture - Learning from Our Past and Looking to  
the Future - Hope for Heart Failure  
Mariell Jessup  
Philadelphia, PA

12:50 p.m.  
The Updated Heart Failure Guidelines - Incorporating New Therapeutics  
Clyde Yancy  
Chicago, IL

1:05 p.m.  
Who, When and How to Transition to Sacubitril/Valsartan  
Matthew Konerman  
Ann Arbor, MI

1:15 p.m.  
Who, When and Why Add on Ivabradine  
Gustafsson Finn  
Copenhagen, Denmark

1:25 p.m.  
More Meds: How Much is Too Much?  
Tracy Macaulay  
Lexington, KY

1:35 p.m.  
How Do I Know When it's working? Measuring Quality and Clinical Outcomes  
for New Pharmacology?  
Harlan Krumholz  
New Haven, CT

**Heart Failure and Cardiomyopathies - Scientific  
Session #612**  
**Surgical Therapies for Heart Failure Patients: Stage A-C**  
Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.  
**Room 144 A**  
**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Shelley Hall  
Co-Chair: Eugene Braunwald  
Panelist: Eugene Blackstone  
Panelist: Steven Bolling  
Panelist: Eric Velazquez  
Panelist: Valluvandam Jeevanandam

12:15 p.m.  
Mitral Valve Surgery Should Always Be Considered for the Patient with  
Reduced Ejection Fraction  
Steven Bolling  
Ann Arbor, MI

12:25 p.m.  
Mitral Valve Surgery Should Always Be Considered for the Patient with  
Reduced Ejection Fraction  
Eric Velazquez  
Durham, NC

12:35 p.m.  
Rebuttal Pro  
S. Bolling;  
University of Michigan Hospital, Ann Arbor, MI.

12:40 p.m.  
Rebuttal Con  
E. Velazquez;  
Duke Clinical Research Institute, Durham, NC.

12:45 p.m.  
Panel Discussion

12:55 p.m.  
Risk Stratification for Heart Failure Patients Undergoing Cardiac Surgery  
Eugene Blackstone  
Cleveland, OH

1:05 p.m.  
Debate Pro: CABG Has A Limited Role in the Management of HF Patients  
Antonio Colombo  
Milan, Italy

1:15 p.m.  
Debate Con: CABG Has a Limited Role in the Management of HF Patients  
Valluvandam Jeevanandam  
Chicago, IL

1:30 p.m.  
Rebuttal Con  
V. Jeevanandam;  
University of Chicago Medical Center, Chicago, IL.

1:35 p.m.  
Panel Discussion

**Heart Failure and Cardiomyopathies - Core Curriculum  
Session #802**  
**Core Curriculum: Mending the Failing Heart**  
Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.  
**Room 151 A**  
**CME Hours: 1.5 /CNE Hours: 1.5**

Chair: Ileana L. Pina



12:15 p.m.  
Revised Medicine Cabinet: New Additions to the Pharmacologic Armamentarium in CHF Management  
Mark H. Drazner  
Dallas, TX

12:40 p.m.  
Destination Therapy: Updates in LVAD and Artificial Hearts  
David E. Lanfear  
Detroit, MI

1:05 p.m.  
"Unbreak My Heart:" Strategies to Reduce Rehospitalization  
William T. Abraham  
Columbus, OH

1:30 p.m.  
Question and Answer

### Heart Failure and Cardiomyopathies - Hands-on Skills Learning Session #1507

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

Friday, March 17, 2017, 12:15 p.m. - 1:15 p.m.  
Personalized Skills Center, East Salon AB  
CME Hours: /CNE Hours:

12:15 p.m.  
Acute Heart Failure  
Jacqueline E. Tamis-Holland  
New York, NY

### Interventional Cardiology - Live Cases

#### Session #200

#### Interventional Live Case Session I: Structural Transmission from Cleveland Clinic (Cleveland, Ohio)

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.  
Hall D (Main Tent)  
CME Hours: 1.5 /CNE Hours: 1.5

12:15 p.m.  
Live Case Operator  
Samir R. Kapadia  
Cleveland, OH

Co-Chair: Eberhard Grube  
Panelist: Ganesh Manoharan Kingdom  
Panelist: Alan Zajarias  
Panelist: Azeem Latib  
Panelist: Anita W. Asgar  
Panelist: Christopher Meduri  
Panelist: David A. Wood

### Interventional Cardiology - Scientific

#### Session #614

#### Controversies and Strategies for Endovascular Treatment of the Femoropopliteal Segment

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.  
Room 201  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Douglas E. Drachman  
Co-Chair: Lawrence A. Garcia

12:15 p.m.  
Emerging Strategies for Crossing Femoropopliteal CTO: Many Strategies, Many Devices, but What About an Algorithm?  
Mehdi Shishehbor

12:30 p.m.  
How to Treat Complex FP Disease: PTA, DCB, Atherectomy, Stent but Little Comparative Data. Is There Such a Thing as "Best Practice?"  
D. Christopher Metzger  
Kingsport, TN

12:45 p.m.  
Case Presentation: Complex Decision-making in Femoropopliteal Intervention  
Beau Michael Hawkins  
Oklahoma City, OK

12:50 p.m.  
Case Discussion with Question and Answer

1:00 p.m.  
Vascular Access Options for Femoropopliteal Intervention: How I Decide on Point of Access, Orientation of Sheath, Interventional "Platform" and Patient Position  
Ehrin Armstrong  
Denver, CO

1:15 p.m.  
Complications Associated with Femoropopliteal Intervention: How They Happen, How to Deal with Them, and How to Avoid Them  
Sahil A. Parikh  
Cleveland, OH

1:30 p.m.  
Question and Answer

### Interventional Cardiology - Scientific

#### Session #615

#### Great Minds Think Differently: Multidisciplinary Approach to Controversies in Cardiology

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.  
Room 202 B  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sarah Clarke  
Co-Chair: Lauren Morris  
Panelist: Philippe Genereux  
Panelist: David E. Kandzari  
Panelist: Tim Martin  
Panelist: Michael J. Mack  
Panelist: Susheel K. Kodali

12:15 p.m.  
Implementation of the Heart Team: Challenges in Practice  
Martina Speight  
Stanford, CA

12:30 p.m.  
Case Presentation: Completeness of Revascularization... Is it Necessary? Case Based Options for Treating Complex Coronary Disease  
Nicholas N. Hanna  
La Jolla, CA

12:35 p.m.  
Case Discussion with Question and Answer

12:50 p.m.  
Case Presentation: THV When There Is More Than One Valve Involved? MR and AS (Surgical Versus THV Options)  
Amy E. Simone  
Atlanta, GA

12:55 p.m.  
Case Discussion with Question and Answer



1:10 p.m.  
Case Presentation: IsR in the Peripheral SX - DEB/Stenting, POBA  
Jaafer Golzar  
Chicago, IL

1:15 p.m.  
Case Discussion with Question and Answer

1:30 p.m.  
Last Resort Access for TAVR: Treating Patients That Don't Have Access-  
Trancaval and Carotid  
Vinayak Nilkanth Bapat  
London, United Kingdom

### Interventional Cardiology - Scientific Session #616

**Frontier in New Transcatheter Techniques**  
Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.  
Room 206  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Ted Feldman  
Co-Chair: Michael J. Reardon  
Panelist: Saif Anwaruddin  
Panelist: Marian Hawkey  
Panelist: Neal S. Kleiman  
Panelist: Neil E. Moat Kingdom

12:15 p.m.  
Devices in Trials in the US: The Lotus, Directflow, Portico TAVR Valves  
Isaac George  
New York, NY

12:28 p.m.  
Devices Approved in the US: SAPIEN 3 and Evolut  
Mathew Williams  
New York, NY

12:41 p.m.  
Update on Cerebral Protection Devices: Should This Be the Standard of Care?  
Samir R. Kapadia  
Cleveland, OH

12:54 p.m.  
New Sheath and Large Vessel Closing Technology  
Torsten Vahl  
New York, NY

1:07 p.m.  
Transcatheter Mitral Valve Repair and Replacement  
Vinod H. Thourani  
Atlanta, GA

1:20 p.m.  
Transcatheter Tricuspid Valve Update  
Francesco Maisano  
Zurich, Switzerland

1:33 p.m.  
Panel Discussion with Question and Answer

### Interventional Cardiology - Scientific Session #617

**Debates on Current Hot Topics in Coronary Intervention**  
Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.  
Room 207 A  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Herbert D. Aronow  
Co-Chair: Spencer B. King

12:15 p.m.  
Revascularization in Ischemic Cardiomyopathy: Has the Paradigm Shifted?

12:15 p.m.  
Debate Con: No, Medical Therapy is Still the Gold Standard  
James C. Fang

12:24 p.m.  
Debate Pro: Yes, the Data Favor Invasive Management and Revascularization  
for These Patients  
Ajay J. Kirtane  
New York, NY

12:33 p.m.  
Question and Answer

12:37 p.m.  
Drug-eluting Stents: Have We Made Another Leap Forward with Fully  
Bioresorbable Drug-eluting Stents?

12:37 p.m.  
Debate Pro: Yes, Bioresorbable Scaffolds Represent the Future of PCI  
David Gerard Rizik  
Scottsdale, AZ

12:46 p.m.  
Debate Con: No, the Newer Technologies Are Interesting but Shouldn't  
Replace Current Generation DES  
Frederick G.P. Welt  
Salt Lake City, UT

12:55 p.m.  
Question and Answer

12:59 p.m.  
Totally Occluded Coronary Arteries Should be Opened!

12:59 p.m.  
Debate Pro: Most CTOs Should be Opened Because it Improves Outcomes!  
Dimitrios Karpaliotis  
New York, NY

1:08 p.m.  
Debate Con: Most CTOs Do Not Need to be Opened Because There Are No  
Trials Supporting It!  
Eric R. Bates  
Ann Arbor, MI

1:17 p.m.  
Question and Answer

1:22 p.m.  
What Is the Optimal Use of Hemodynamic Support in High Risk PCI and  
Shock?

1:22 p.m.  
Debate Pro: Hemodynamic Support Can Provide Important Benefits and Is  
Underused!  
James M. McCabe  
Mercer Island, WA

1:31 p.m.  
Debate Con: Hemodynamic Support Devices Should Be Selectively Used!  
Holger Thiele  
Lubeck, Germany

1:40 p.m.  
Question and Answer



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

##### Session #613

**Echocardiography: What is New in 2017**  
Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Ballroom A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jonathan Lindner

Co-Chair: Vera Rigolin

12:15 p.m.

Automated Quantification in Systolic Assessment and Valvular Heart Disease  
James Thomas

12:30 p.m.

3D Printing and Holographic Images: Is the Future Here ?  
Partho Sengupta  
New York, NY

12:45 p.m.

Speckle Tracking, Strain, and Velocity Vortex Imaging: How to Best Implement to My Daily Practice  
Jens-Uwe Voigt  
Leuven, Belgium

1:00 p.m.

Perfusion Echo: Now That There is a CPT Code, is it Ready to Be Done in My Lab ?  
Sharon Mulvagh  
Rochester, MN

1:15 p.m.

Taking 3D to the Next Level: Fusion Imaging, Heart Model, What is Next?  
Mani Vannan  
Atlanta, GA

1:30 p.m.

Question and Answer

#### Prevention - International

##### Session #512

**Emerging Issues in CV Disease Management: International Perspectives From the Brazilian Society of Cardiology, Turkish Society of Cardiology, and American College of Cardiology**

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 145 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Kim Allan Williams, Sr.

Co-Chair: Asim Oktay Ergene

Co-Chair: Roberto Kalil-Filho

12:15 p.m.

Introduction to Session  
Kim Allan Williams, Sr.  
Chicago, IL

12:20 p.m.

Economic Growth, Income and Cardiovascular Disease  
Marcus Vinicius Bolivar Malachias

12:31 p.m.

Secondary Prevention in Europe and Turkey: What did we learn from the Euroaspire IV Study?  
Lale Tokgözoğlu  
Ankara, Turkey

12:42 p.m.

Emerging Issues in Cardiovascular Disease Management

Barbara A. Hutchinson  
Bowie, MD

12:53 p.m.

Familial Hypercholesterolemia: Challenges in Developing Countries  
Raul Santos  
Sao Paulo, Brazil

1:04 p.m.

Familial Hypercholesterolemia in Turkey  
Meral Kayikcioglu  
Izmir, Turkey

1:15 p.m.

Discussion

#### Prevention - Scientific

##### Session #620

**Prevention of ASCVD Over the Lifespan: A Case-based Approach**  
Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 209 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Neil Stone

Co-Chair: Salim Virani

Panelist: Christie Ballantyne

Panelist: Roger S. Blumenthal

Panelist: Amit Khera

12:15 p.m.

My 32 Year Old Female Patient with Metabolic Syndrome and LDL-C of 145 mg/dL. How Should I Treat?  
Jennifer Coyne  
Reading, MA

12:20 p.m.

Panel Discussion

12:35 p.m.

Question and Answer

12:45 p.m.

My 52 Year Old Patient with Hypertension and Smoking with a Coronary Calcium Score of 0. Should I Discuss Statin Use with This Patient?  
Michael Miedema  
Minneapolis, MN

12:50 p.m.

Panel discussion

1:05 p.m.

Question and Answer

1:15 p.m.

My 80 Year Old Patient with History of MI 10 Years Ago. Should I Default to Moderate Intensity Statin Therapy?  
Parag Joshi  
Dallas, TX

1:20 p.m.

Panel discussion

1:35 p.m.

Question and Answer



#### **Pulmonary Hypertension and Venous Thrombo-embolic Disease - Scientific**

##### **Session #618**

##### **Hot Topics and Great Debates in Pulmonary Hypertension**

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 147 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Kristen Pogue

Co-Chair: John Ryan

12:15 p.m.

Debate: Be it Resolved: Treatment of PAH Should Focus on Right Ventricular Performance, Not on the Pulmonary Vascular Occlusion (Pro)

Paul Forfia

12:25 p.m.

Debate: Be it Resolved: Treatment of PAH Should Focus on Right Ventricular Performance, Not on the Pulmonary Vascular Occlusion (Con)

Paul Hassoun

Baltimore, MD

12:35 p.m.

Rebuttal (Pro)

12:37 p.m.

Rebuttal (Con)

12:39 p.m.

Upfront Combination Therapy in PAH: Why Do it, When to Do it and How to Get it Done

James Coons

Pittsburgh, PA

12:49 p.m.

Question and Answer

12:53 p.m.

The Challenges of and Approaches to Managing Pulmonary Hypertension in HFpEF

Margaret Redfield

Rochester, MN

1:03 p.m.

Question and Answer

1:07 p.m.

Anticoagulation in PAH: A Complex Problem with Unanswered Questions

Anjali Vaidya

Philadelphia, PA

1:17 p.m.

Question and Answer

1:21 p.m.

Debate: Be it Resolved: It is Time to Treat Pulmonary Hypertension Secondary to Chronic Lung Disease with PAH Specific Therapies (Pro)

Rajan Saggarr

Porter Ranch, CA

1:31 p.m.

Debate: Be it Resolved: It is Time to Treat Pulmonary Hypertension Secondary to Chronic Lung Disease with PAH Specific Therapies (Con)

Steven Nathan

Vienna, VA

1:41 p.m.

Rebuttal (Pro)

1:43 p.m.

Rebuttal (Con)

#### **Special - Intensive**

##### **Session #51**

##### **Teaching with Intent: Secrets from the Masters I**

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 152 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Rick A. Nishimura

Co-Chair: Patrick T. O'Gara

Co-Chair: Craig Alpert

12:15 p.m.

Welcome and Overview of Faculty Development Intensive

Craig Alpert

12:20 p.m.

"Backwards Planning": What does it mean? How do you do it?

Marcia J. Jackson

Santee, SC

12:30 p.m.

Prepping the Audience for an Interactive Discussion

Marcia J. Jackson

Santee, SC

12:33 p.m.

Preparing Goals and Objectives for "Grand Rounds"

12:50 p.m.

Mock MOC Session (A Team Competition)

Rick A. Nishimura

Rochester, MN

12:50 p.m.

Mock MOC Session (A Team Competition)

Patrick T. O'Gara

Boston, MA

1:05 p.m.

Audience Discussion of Mock MOC; Announce Winner of Team Competition

1:10 p.m.

ADDIE Instructional Design Model: How Can it Help me?

Janice Sibley

Washington, DC

1:25 p.m.

Pair and Share - How to Deploy the ADDIE Model

1:35 p.m.

Session Summary

Rick A. Nishimura

Rochester, MN

1:35 p.m.

Session Summary

Patrick T. O'Gara

Boston, MA



### Special - Symposium

#### Session #103

#### Effective Medication Management in the Older Adults with CVD: Pharmacology Program I

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 146 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Rhonda Cooper-DeHoff

Co-Chair: Glenn A. Hirsch

Panelist: Jerry H. Gurwitz

Panelist: Holly Holmes

Panelist: Mathew S. Maurer

12:15 p.m.

Case Presentation: Case of an older patient with multiple chronic conditions, including several CV conditions (atrial fibrillation, hypertension, diabetes, heart failure, chronic renal disease, osteoarthritis, etc) and a long list of drugs  
Caroline Lloyd Doherty  
Philadelphia, PA

12:20 p.m.

Drug Prescribing in Older Adults with CVD: The Scope of the Problem  
Nanette Kass Wenger  
Atlanta, GA

12:40 p.m.

Strategies for Reducing Overuse and De-prescribing of Medications in the Elderly CV Patient  
Jeffrey T. Sherer  
Houston, TX

1:00 p.m.

Approaches to Optimizing Adherence in the Elderly CV Population  
Michael D. Murray  
Indianapolis, IN

1:20 p.m.

Panel Discussion with reprising the original case

### Special - Late-Breaking Clinical Trials

#### Session #401

#### Featured Clinical Research I

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 146 B

CME Hours: 1.5 /CNE Hours: 1.5

Chair: William A. Zoghbi

Co-Chair: James Udelson

Panelist: Pamela S. Douglas

Panelist: Richard J. Kovacs

Panelist: Martin S. Maron

Panelist: Margo B. Minissian

Panelist: Kim Allan Williams, Sr.

12:15 p.m.

Testing Safety and Efficacy: The Randomized Exploratory Study of Exercise Training in Hypertrophic Cardiomyopathy (RESET-HCM)

Sara Saberi, Matthew Wheeler, Whitney E. Hornsby, Jennifer L. Bragg-Gresham, PRACHI Agarwal, Anil Attili, Maryann Concannon, Annika M. Dries, Yael Shmargad, Heidi Salisbury, Jonathan Myers, Euan Ashley, Sharlene Day, University of Michigan School of Medicine, Ann Arbor, MI, USA, Stanford University School of Medicine, Palo Alto, CA, USA

12:25 p.m.

Panel Discussion

12:30 p.m.

Results of MRI-Based Screening Study of 5130 Candidates for Sports Participation

Paolo Angelini, Carlo Uribe, Anthony Masso, Alberto Lopez, Syed Ali, James T. Willerson, Texas Heart Institute, Houston, TX, USA

12:40 p.m.

Panel Discussion

12:45 p.m.

MR-INFORM: Stress Perfusion Imaging to Guide the Management of Patients With Stable Coronary Artery Disease

Eike C. Nagel, John Greenwood, Nuno Bettencourt De Sousa, Colin Berry, Gerry McCann, Ajay Shah, Chiara Bucciarelli-Ducci, Valentina O. Puntmann, Wolf-Stefan Richter, Carsten Schwenke, Divaka Perera, Mark Westwood, Sven Plein, Michael Marber, Derek Hausenloy, Rajiv Das, Joyce Wong, Henning Steen, Joseph Selvanayagam, Oliver Bruder, Wolfgang Utz, Holger Thiele, Jeanette Schulz-Menger, Heiko Mahrholdt, MR-INFORM investigators, Guy's and St. Thomas' Hospital and Trust, London, United Kingdom, King's College London, London, United Kingdom

12:55 p.m.

Panel Discussion

1:00 p.m.

Effects of Different Front-of-Pack Food Labelling Formats on the Healthiness of Food Purchases -- a Randomized Trial

Bruce Charles Neal, Michelle Crino, Elizabeth Dunford, Annie Gao, Rohan Greenland, Nicole Li, Audra Millis, Cliona Ni Mhurchu, Simone Pettigrew, Gary Sacks, Jacqui Webster, Jason Wu, The George Institute for Global Health, Sydney, Australia, The University of Sydney, Sydney, Australia

1:10 p.m.

Panel Discussion

1:15 p.m.

Native South American Tsimane Have the Lowest Levels of Coronary Atherosclerosis Ever Reported

Hillard Kaplan, Randall Thompson, Benjamin Trumble, Samuel Wann, Adel Allam, Bret Beheim, Bruno Frohlich, M Linda Sutherland, James Sutherland, Jonathan Stieglitz, Daniel Eid Rodriguez, David E. Michalik, Christopher Rowan, Guido Lombardi, Ram Bedi, Angela R. Garcia, James K. Min, Jagat Narula, Caleb Finch, Michael Gurven, Gregory Thomas, University of New Mexico, Albuquerque, NM, USA, St Luke's Mid America Heart Institute, Kansas City, MO, USA

1:25 p.m.

Panel Discussion

1:30 p.m.

LDL-C Reduction From 6 to 9 Months Following Single or Second Injection of Inclisiran a Novel siRNA Compound: Primary Efficacy and Safety Outcomes of the ORION 1 Trial

Kausik Kumar Ray, Ulf Landmesser, Lawrence A. Leiter, David Kallend, Peter Wijngaard, R. Scott Wright, John Kastelein, Imperial College London, London, United Kingdom, Medicines Company, New Jersey, NJ, USA

1:40 p.m.

Panel Discussion

### Special - Scientific

#### Session #610

#### The Malpractice Minefield: How to Avoid, Navigate and Advocate

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 140 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sandra Lewis

Co-Chair: Lars Laslett

12:15 p.m.

What to know about malpractice insurance and strategies to responding to a malpractice claim



Larry L. Smith

12:37 p.m.

The Current State of Medical Tort Reform-Do we say "Amen" or "Oh, No"?  
Eugene Sherman

12:59 p.m.

Being an Expert Witness: An Extension of Medical Practice  
Lars Laslett  
Davis, CA

1:21 p.m.

Question and Answer/Panel Discussion

#### Special - Scientific

##### Session #619

#### How to Redesign a Care Delivery Team in Preparation for MACRA & MIPS

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 143 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Paul N. Casale

Co-Chair: Linda D. Gillam

Panelist: William Borden

Panelist: Patrick Conway

Panelist: Mark B. McClellan

12:15 p.m.

The CMS Perspective on MACRA  
Patrick Conway  
Baltimore, MD

12:35 p.m.

The Policy-maker's Perspective  
Mark B. McClellan  
Durham, NC

12:55 p.m.

The Perspective of the Practicing Cardiologist  
William Borden  
Washington, DC

1:15 p.m.

Panel Discussion with Audience Question and Answer

#### Valvular Heart Disease - Scientific

##### Session #621

#### Sports and Exercise: Athletes with Congenital/Valvular Heart Disease Challenging Guidelines in Daily Practice

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 204 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert Battle

Co-Chair: Richard Kovacs

Panelist: Kurt Daniels

Panelist: Michael Landzberg

Panelist: Benjamin Levine

12:15 p.m.

Eligibility Guidelines in Valvular Heart Disease: Is There Ample Evidence?  
Aaron Baggish  
Boston, MA

12:25 p.m.

Question and Answer

12:33 p.m.

I am a Disqualified Collegiate Athlete: Here is My Opinion

Paul Thompson

Hartford, CT

12:43 p.m.

Question and Answer

12:51 p.m.

Sudden Death in Athletes: New Insights into Specific Pathologies  
Sharma Sanjay  
London, United Kingdom

1:01 p.m.

Question and Answer

1:09 a.m.

Case Presentation: Masters Marathon Runner with Congenital Aortic Stenosis  
Walter Hoyt  
Charlottesville, VA

1:14 p.m.

Question and Answer

1:26 p.m.

High School Football Player with Congenital Aortic Regurgitation and Aortic Aneurysm  
Jake A. Kleinmahon  
Denver, CO

1:31 p.m.

Question and Answer

#### Valvular Heart Disease - Special

##### Session #6001

#### Engage @ ACC.17 Studio: Ask the Valvular Heart Disease Experts

Friday, March 17, 2017, 12:15 p.m. - 1:15 p.m.

Engage @ ACC.17 Studio, Hall C

CME Hours: 1 /CNE Hours: 1

Co-Chair: Rebecca T. Hahn

Co-Chair: James B. McClurken

12:15 p.m.

Master of Ceremony  
Natesa G. Pandian

12:15 p.m.

Faculty  
Joseph E. Bavaria  
Philadelphia, PA

12:15 p.m.

Faculty  
Vinay Badhwar  
Morgantown, WV

12:15 p.m.

Faculty  
Judy Hung  
Boston, MA

12:15 p.m.

Faculty  
Mayra E. Guerrero  
Evanston, IL



### Non-Certified Industry Events - Learning Destinations

#### Session #4203

#### Thrombosis - DVT/PE: An Exploration in Risk Reduction

Friday, March 17, 2017, 12:30 p.m. - 1 p.m.

Expo Hall 1357

CME Hours: /CNE Hours:

12:30 p.m.

Thrombosis - DVT/PE: An Exploration in Risk Reduction

### Special - Self-Assessment

#### Session #803

#### Test Yourself with Questions: General Cardiology Module 15

Friday, March 17, 2017, 12:30 p.m. - 3 p.m.

East Salon C

CME Hours: 2.5 /CNE Hours:

Chair: Jacob C. Jentzer

12:30 p.m.

Faculty

Elizabeth A. Jackson

Ann Arbor, MI

12:30 p.m.

Faculty

Matthew W. Martinez

Allentown, PA

12:30 p.m.

Faculty

Ralph J. Verdino

Philadelphia, PA

### Non-Certified Industry Events - Learning Destinations

#### Session #4002

#### Emerging Strategies for Post Myocardial Infarction (MI) Risk Reduction: Anti-thrombotic and Anti-inflammatory Approach

Friday, March 17, 2017, 12:45 p.m. - 1:45 p.m.

Expo Hall 1955

CME Hours: /CNE Hours:

12:45 p.m.

Emerging Strategies for Post Myocardial Infarction (MI) Risk Reduction: Anti-thrombotic and Anti-inflammatory Approach

### Non-Certified Industry Events - Learning Destinations

#### Session #4010

#### Repatha® (evolocumab): A Focused Clinical Review

Friday, March 17, 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

Seth J. Baum

Boca Raton, FL

### Non-Certified Industry Events - Learning Destinations

#### Session #4113

#### nOH Treatment: What it Means to Your Patient

Friday, March 17, 2017, 12:45 p.m. - 1:30 p.m.

Expo Hall 413

CME Hours: /CNE Hours:

12:45 p.m.

nOH Treatment: What it Means to Your Patient

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

#### Session #1164

#### Biomarkers and Targets for Ischemic Heart Disease

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

297 - Fat Accumulation in the Peri-Infarct Border Zone of Hemorrhagic Myocardial Infarction Is Mediated by Persistent Iron Deposits

Ivan Cokic, Avinash Kali, Hsin-Jung Yang, Richard Tang, Joseph Francis, Rohan Dharmakumar, Cedars-Sinai Medical Center, Los Angeles, CA, USA

298 - Mir-499 Protects the Rat Heart Against Ischemia/Reperfusion Injury Through Pdc4 During Ischemic Postconditioning-Regulated

Jianbing Zhu, Junbo Ge, Shanghai Institute of Cardiovascular Diseases, Zhongshan Hospital, Fudan University, 180 Feng Lin Ro, Shanghai, People's Republic of China

299 - Increased Concentrations of Soluble ST2 Independently Predict Cardiac and Total Mortality but Not Non-Fatal Cardiovascular Events in Stable Coronary Heart Disease Patients: 13-Year Follow-Up of the KAROLA Study

Veronika Sanin, Vanessa Pfetsch, Andrea Jaensch, Dhayana Dallmeier, Ute Mons, Hermann Brenner, Wolfgang Koenig, Dietrich Rothenbacher, Deutsches Herzzentrum München, Technische Universität München, Munich, Germany

300 - Ultrasound Increases Myocardial Blood Flow in Acute Myocardial Ischemia Without Reducing Infarct Size

Brian Mott, Dai-Trang Le, Igor V. Dykan, Azzdine Ammi, Yan Zhao, Jessica Minnier, Matthew Nugent, Sanjiv Kaul, Oregon Health and Science University, Portland, OR, USA, VA Portland Health Care System, Portland, OR, USA

301 - Serial Assessment of Thrombogenicity and Hemodynamics in Patients With Type II Diabetes Observed in a Clinical Research Unit: Evidence for Circadian Changes in Clot Formation

Paul A. Gurbel, Kevin Bliden, Christopher McLeod, Tushar Sharma, Rahul Chaudhary, Udaya Tantry, Inova Heart and Vascular Institute, Falls Church, VA, USA

302 - Matrix Metalloproteinase 9 Drives the Shedding of CD31 in Acute Coronary Syndromes

Giovanna Liuzzo, Davide Flego, Giulia Angelini, Ramona Vinci, Daniela Pedicino, Giuseppe Piemontese, Francesco Trotta, Anna Severino, Ada F. Giglio, Luigi Biasucci, Filippo Crea, Institute of Cardiology, Rome, Italy

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

#### Session #1165

#### Revascularization and Myocardial Preservation in Acute and Stable Ischemic Heart Disease

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

303 - Temporal Trends and Outcomes of Emergent Coronary Artery Bypass Graft Surgery for ST-Segment Elevation Myocardial Infarction

Sahil Agrawal, Manyoo Agarwal, Lohit Garg, Aakash Garg, Abhishek Sharma, Nirmanmoh Bhatia, Divyanshu Mohananey, Amitoj Singh, Peter Puleo, John Kostis, Jamshid Shirani, St. Luke's University Health Network, Bethlehem, PA, USA

304 - Percutaneous Coronary Intervention With Everolimus-Eluting Stents for the Treatment of Cardiac Allograft Vasculopathy and the Impact of Diabetes Mellitus on Stent and Target Lesion Patency

Richard Cheng, Jignesh Patel, David Chang, Michelle Kittleson, Raj Makkar, Jon Kobashigawa, Babak Azarbal, Cedars-Sinai Heart Institute, Los Angeles, CA, USA



305 - Time-to-Event Meta-Analysis for Bypass Grafting Versus Stenting in Multivessel Disease in Contemporary Era

Olga Bockeriya, Zalina Kudzoeva, Soslan Khugaev, Bakulev Center for Cardiovascular Surgery, Moscow, Russian Federation

306 - Do Women Benefit From Early Coronary Artery Bypass Graft and Percutaneous Coronary Interventions in Acute Coronary Syndromes: Answers From the Second Gulf Registry of Acute Coronary Events

Amar Salam, Khalid Al Habib, Rajvir Singh, Nidal Asaad, Jassim Suwaidi, The Second Gulf Registry of Acute Coronary Events(Gulf RACE-2) Investigators, Hamad Medical Corporation, Doha, Qatar

307 - Coronary Artery Bypass Graft Surgery after Acute ST Elevation Myocardial Infarction: How Early is Too Early?

Gbolahan Ogunbayo, Odunayo Olorunfemi, Ayman Elbadawi, Deola Saheed, Adrian Messerli, University of Kentucky, Lexington, KY, USA, Rochester General Hospital, Rochester, NY, USA

308 - Cost-Effectiveness Analysis and Quality of Life of On-Pump and Off-Pump Stable Multivessel Coronary Artery Bypass Grafting: MASS III Trial 5-Year Follow-Up

Thiago Scudeler, Whady Hueb, Patricia Coelho de Soarez, Alessandro G. Campolina, Paulo Rezende, Eduardo Lima, Cibele Larrosa Garzillo, Diogo Freitas Cardoso Freitas, Leandro Costa, Fernando Teiichi Oikawa, Jose Ramires, Roberto Kalil Filho, Heart Institute (InCor - HCFMUSP), São Paulo, Brazil

309 - Comparison of Biodegradable Drug Eluting Polymer Stents and Durable Polymer Drug Eluting Stent for the Treatment of CAD: A Meta-Analysis of RCT's

Daniel Garcia, Mohammad Ansari, Ochsner Heart and Vascular Institute, New Orleans, LA, USA, Texas Tech University Health Science Center, Lubbock, TX, USA

310 - Downstream Effects of False Positive Activation of the Cardiac Catheterization Lab

Kamala Ramya Kallur, Pragma Ranjan, Jasjit Bhinder, Ashish Correa, Jacqueline Tamis-Holland, Mount Sinai St. Luke's and Mount Sinai West, New York, NY, USA

311 - An Updated Comprehensive Meta-Analysis Comparing Drug-Eluting Stents With Bare Metal Stents in Saphenous Vein Graft Interventions

Rahman Shah, Muhammad Shahreyar, Abdul Rashid, Mohamed Morsy, Inyong Hwang, Beatrix Ramos Bondy, Mark Heckle, University of Tennessee, Memphis, TN, USA, VA Hospital, Memphis, TN, USA

312 - Beta-Cryptoxanthin Exerts Better Cardioprotection Against Cardiac Ischemia-Reperfusion Injury Than Astaxanthin via Protecting Mitochondrial Dysfunction in Mice

Wanpitak Pongkan, Liang Xu, Osamu Takatori, Naoto Nagata, Yinhu Ni, Mai Nakayama, Siriporn Chattapakorn, Soichiro Usui, Tsuguhito Ota, Nipon Chattapakorn, Cardiac Electrophysiology Research and Training Center, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand, Brain/Liver Interface Medicine Research Center, Faculty of Medicine, Kanazawa University, Ishikawa, Japan

313 - A New Score for Prediction of Slow/No-Reflow Phenomenon During Primary Percutaneous Coronary Intervention in Patients With Acute Myocardial Infarction

Mohamed Abo Bakr, Hisham Samir Roshdy, Mohamed Ibrahim Mostafa Elawadi, Mohamed Hossam Eldein Elshaer, Mouwasat Hospital, Dammam, Saudi Arabia, Zagazig University Hospitals, Zagazig, Egypt

**315 - Peripheral Endothelial Function Assessment of Patients on Ticagrelor Versus Clopidogrel Who Have Undergone Percutaneous Coronary Intervention: A Randomized, Crossover Study**

Ronstan Lobo, Kirsten Mannix, Catriona Ahern, Ailish Hannigan, Syed Abbas, Terence Hennessy, Thomas B. Meany, Thomas J. Kiernan, University Hospital Limerick, Limerick, Ireland, University of Limerick, Limerick, Ireland

314 - The Role of Oral Beta Blocker in a Real-World Population With Non-ST Segment Elevation Acute Coronary Syndromes

Jose C. Nicolau, Aline Ferrari, Gabriela M. M. Coelho, Carlos A. K. Nakashima, Viviane M. Lima, Talia Dalcoquio, Remo Furtado, Fernando Menezes, Jose Ramires, Roberto Kalil-Filho, Luciano Baracioli, Heart Institute (InCor) - University of São Paulo Medical School, São Paulo, Brazil

**Acute and Stable Ischemic Heart Disease - Poster Contributions Session #1166**

**Coronary Angiography, Intra-Vascular Imaging, Revascularization and Outcomes**

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

316 - Renal Function-Based Contrast Dosing to Define "Prognostic" Contrast Dose Limits for Percutaneous Coronary Intervention - The Prognostic

Implication of the Contrast Volume: Glomerular Filtration Ratio in 44,082 Patients From the British Columbia Cardiac Registry

Navin Chandra, Imad Nadra, Sean Hardiman, Lillian Ding, Anthony Fung, Eve Aymong, Albert Chan, Stephen Hodge, Simon Robinson, Anthony Della Siega, Bilal Iqbal, Royal Jubilee Hospital, Victoria, Canada, Victoria Heart Institute Foundation, Victoria, Canada

**317 - Discriminant Value of the DAPT Score to Predict Long-Term Ischemic and Bleeding Events in the Real World Population of Stented Patients in the FAST-MI 2005 Cohort**

Tabassome Simon, Etienne Puymirat, Francois Schiele, Pierre Coste, Denis Angoulvant, Khalife Khalife, Guillaume Cayla, Pascal Motreff, Ferrieres Jean, Nicolas Danchin, APHP, Site Saint Antoine, Paris, France, APHP, HEGP, Paris, France

**318 - Impact of a Switch From Dual Antiplatelet Therapy to Single Antiplatelet Therapy in Diabetes and Non-Diabetes Post ACS: Insights From the EPICOR and EPICOR-Asia Studies**

Frans J. J. Van de Werf, Yaling Han, Xavier Rossello, Yong Huo, Stuart J. Pocock, Yi Li, Jie Jiang, Ana Maria Vega, Jesús Medina, Héctor Bueno, University Hospital Leuven, Leuven, Belgium

319 - Nephroprotective Effects Of Remote Ischemic Preconditioning In Coronary Angiography

Naufal Zagidullin, Elena Sherbakova, Alina Dunaeva, Shamil Zagidullin, Bashkir State Medical University, Ufa, Russian Federation, Ufa, Russian Federation

320 - Impact of Periprocedural Myocardial Infarction in Contemporary PCI: Pooled Patient-Level Data From the CHAMPION Trials

Muthiah Vaduganathan, Robert Harrington, Gregg Stone, Philippe Steg, C. Michael Gibson, Christian Hamm, Matthew Price, Efthymios Nikolaos Deliargyris, Jayne Prats, Kenneth Mahaffey, Harvey White, Deepak Bhatt, Brigham and Women's Hospital Heart & Vascular Center and Harvard Medical School, Boston, MA, USA, Stanford University Medical School, Stanford, CA, USA

321 - What is the Impact of Complications During the Index Hospitalization on Resource Utilization During the 90-Day Follow-Up Period Associated With CABG Surgery Among Medicare Beneficiaries?

Phillip P. Brown, Aaron Kugelmass, David Cohen, Matthew Reynolds, Marc Katz, Michael Schlosser, April Simon, Steven Culler, HealthTrust, Brentwood, TN, USA

323 - Return to Work Following Coronary Artery Bypass Grafting: A Nationwide Study



Jawad Haider Butt, Lars Køber, Rasmus Rørth, Kristian Kragholm, Christian Torp-Pedersen, Gunnar Gislason, Søren Lund Kristensen, Emil Fosbøl, University Hospital of Copenhagen, Rigshospitalet, Copenhagen, Denmark

**322 - Normalizing Platelet Reactivity of Cardiovascular Patients on Ticagrelor Therapy Using Fresh Platelets: Ex Vivo Testing of the Functional Recovery Attained Within 48-Hours of Stopping Treatment**  
Mohammad Urooi Zafar, Kevin Chen, Juan Rey-Mendoza, Carlos Linares Koloffon, Gustavo Jimenez, Gines Escolar, Valentin Fuster, Juan Badimon, Icahn School of Medicine at Mount Sinai, New York, NY, USA

325 - Angiographic Phenotype and Clinical Outcomes of Patients With Malignancy Undergoing PCI  
Michela Faggioni, Usman Baber, Madhav Sharma, George Danias, Annapoorna Kini, Jaya Chandrasekhar, Clayton Snyder, George Dangas, Srushti Shah, Nitin Barman, Sabato Sorrentino, Choudhury Hasan, Jason Kovacic, Gennaro Giustino, Joseph Sweeny, Pooja Vijay, Melissa Aquino, Serdar Farhan, Pedro Moreno, Srinivas Kesanakurthy, Vishal Kapur, Roxana Mehran, Samin Sharma, Mount Sinai Medical Center, New York City, NY, USA

326 - Safety and Effect on Healthcare Expenses With Same Versus Next Day Discharge After Elective Transradial Percutaneous Coronary Intervention  
Gerardo Rodriguez-Araujo, William Rollefson, Mehmet Cilingiroglu, David Mego, Ian Cawich, Vasili Lendel, Andre Paixao, Konstantinos Marmagkiolis, Daniel Sherbet, Patrick Flaherty, Arkansas Heart Hospital, Little Rock, AR, USA

327 - White Blood Cell Count and Major Adverse Cardiovascular Events After Percutaneous Coronary Intervention in the Contemporary Era: Insights From the PARIS Study  
Binita Shah, Usman Baber, Mitchell Krucoff, Melissa Aquino, Timothy Henry, C Michael Gibson, David Moliterno, Philippe Gabriel Steg, Thomas Stuckey, Stuart Pocock, George Dangas, Cono Ariti, Bernhard Witzenbichler, David Cohen, Ioannis Iakovou, Samantha Sartori, Alaide Chieffo, Annapoorna Kini, Antonio Colombo, Giora Weisz, Roxana Mehran, Icahn School of Medicine at Mount Sinai, New York, NY, USA, New York University School of Medicine, New York, NY, USA

328 - Variation in Practice and Concordance With Guideline Criteria for Length of Stay After Elective Percutaneous Coronary Intervention  
Thomas Mark Snow, Jehangir Din, Sunil Rao, Peter Klinke, Imad Nadra, Anthony Della Siega, Simon Robinson, Dorset Heart Centre, Royal Bournemouth Hospital, Bournemouth, United Kingdom

324 - Short- and Long-Term Cause of Death Following Coronary Artery Bypass Grafting in a Cohort of 33,980 Patients: A Nationwide Study  
Jawad Haider Butt, Lars Køber, Peter Skov Olsen, Caroline Bäck, Christian Torp-Pedersen, Rikke Sørensen, Emil Fosbøl, University Hospital of Copenhagen, Rigshospitalet, Copenhagen, Denmark

329 - Troponin Elevation Following Elective PCI Predicts Long Term Survival  
Jiyong Lee, Hannah I. Chaudry, Theodore B. Curran, Shawn X. Li, Bruce W. Andrus, Sheila Conley, Vishesh Kumar, Kyung Min Lee, James T. DeVries, Dartmouth Hitchcock Medical Center, Lebanon, NH, USA, The Geisel School of Medicine, Hanover, NH, USA

330 - Association Between Predicted Risk of Recurrent Ischemic Events and Achievement of Secondary Prevention Goals After PCI  
Charles Resor, Alexander Turchin, Srikanth Reddy Devireddy, Eugene Pomerantsev, Gheorghe Doros, Laura Mauri, Brigham and Women's Hospital, Boston, MA, USA

331 - Synergistic Effects of Coronary Calcification and Inflammation on Risks for Adverse Cardiovascular Events After PCI: Results From a Large Single-Center Registry  
Shunsuke Aoi, Usman Baber, Jason Kovacic, Roxana Mehran, Melissa Aquino, George Dangas, Joseph Sweeny, Pooja Vijay, Srushti Shah, Pedro Moreno, Annapoorna Kini, Samin Sharma, Mount Sinai Hospital, New York, NY, USA

332 - High Non-High-Density Lipoprotein Cholesterol Levels Predict Enhanced Periprocedural Inflammatory Response Following Percutaneous Coronary Intervention in Stable Ischemic Heart Disease Patients  
Carlos V. Serrano, Fabiana Rached, Fabio S. Brito Jr., Marcelo Katz, Cibele Garzillo, Antonio Pesaro, Teresa C. D. C. Nascimento, Michael E. Farkouh, Marco A. Perin, Roberto Kalil-Filho, Heart Institute (InCor), Medical School, University of Sao Paulo, Sao Paulo, Brazil, Interventional Cardiovascular Service, Albert Einstein Hospital, Sao Paulo, Brazil

**333 - Impact of Platelet-Fibrin Clot Strength on Occurrence of In-Stent Restenosis in Patient With Drug Eluting Stent**  
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

334 - First Serial 12- and 24-Month Optical Coherence Tomography Assessment of Stemi Patients After the Generation of Absorb Bioresorbable Vascular Scaffold Implantation  
Lukasz Koltowski, Janusz Kochman, Mariusz Tomaniak, Arkadiusz Pietrasik, Klaudia Proniewska, Jacek Jakala, Adam Rdzanek, Krzysztof Filipiak, Grzegorz Opolski, Medical University of Warsaw, Warsaw, Poland, Poland

335 - Obstructive Sleep Apnea and Diabetes Mellitus Have Synergistic Effects on Adverse Cardiac and Cerebrovascular Events in Patients Undergoing Percutaneous Coronary Intervention  
Chieh Yang Koo, Luciano Drager, Hee-Hwa Ho, Thet Hein, Man-Hong Jim, Mark Chan, Mark Richards, Huay-Cheem Tan, Bee-Choo Tai, Junjie Zhang, Rishi Sethi, Chi-Hang Lee, Sleep and Stent Study Investigators, National University Heart Center Singapore, Singapore, Singapore

336 - Fractional Flow Reserve Is a Sensitive but Not a Specific Detector of a High Risk Plaques  
Amir Ali Ahmadi, Jonathan Leipsic, Kristian Ovrehus, Sara Gaur, Angel Sanz Salvo, Gina LaRocca, Pedro Moreno, Bjarne Norgaard, Jagat Narula, Icahn School of Medicine at Mount Sinai Hospital, New York, NY, USA, Aarhus University, Aarhus, Denmark

337 - Elevated Uric Acid Is Associated With Increased Mortality in Women Undergoing Percutaneous Coronary Intervention  
Megha Prasad, Charanjit Rihal, Eric Matteson, Ryan Lennon, Lilach Lerman, Amir Lerman, Mayo Clinic, Rochester, MN, USA

338 - Comparison of Timing of Non-Culprit Lesion Percutaneous Coronary Intervention in Myocardial Infarction Patients  
Hyung Oh Kim, Jong-Shin Woo, Jung Myung Lee, Jin-Bae Kim, Soo-Joong Kim, Woo-Shik Kim, Kim Kwon Sam, Weon Kim, Hyemoon Chung, Jae Min Kim, Kyung Hee Medical Center, Seoul, South Korea

**339 - Outcomes of Pre-Loading Versus In-Lab Loading With Prasugrel and Ticagrelor in Patients With Acute Coronary Syndromes (ACS) Undergoing Percutaneous Coronary Intervention (PCI)**  
Prasanna Venkataraman, Nick Andrianopoulos, Andrew Teh, Louise Roberts, Stephen Duffy, Angela Brennan, Andrew Ajani, David Clark, Martin Sebastian, Christopher Reid, Melanie Freeman, Melbourne Intervention Group, Melbourne, Australia, Box Hill Hospital, Melbourne, Australia

340 - Plasma LDL-Cholesterol Level Is Independently Associated With Infarct Size in Patients With ST-Segment Elevation Myocardial Infarction Treated With Primary Percutaneous Coronary Intervention  
Mathijs Bodde, Maaik Hermans, R. Wolterbeek, Arnoud van der Laarse, Martin Schalijs, Johan Jukema, Leids Universitair Medisch Centrum, Leiden, The Netherlands



341 - Relationship Between Fractional Flow Reserve (FFR) and Coronary Flow Reserve (CFR) by PET in Identifying Coronary Stenosis Causing Myocardial Ischemia

Giulia Arena, Alberto Morello, Antonello D'Andrea, Bernardino Tuccillo, Francesco Punzo, Fortunato Scotto Di Uccio, Wanda Acampa, Letizia Spinelli, Roberta Assante, Emilia Zampella, Giovanni Cimmino, Alberto Cuocolo, Paolo Golino, 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

342 - Prognostic Value of Soluble ST2 in Patients With ST-Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention

Pyung Chun Oh, Jongwook Yu, Kyunghee Byun, Myeongjoo Son, Minsu Kim, Soon Yong Suh, Kyounghoon Lee, Seung Hwan Han, Taehoon Ahn, Eak Kyun Shin, Woong Chol Kang, Gachon University Gil Medical Center, Incheon, South Korea

343 - Invasive Management Strategies and Anti-Thrombotic Treatments in Patients With NSTEMI-ACS in China

Qing Yang, Ying Wang, Jing Liu, Jun Liu, Yongchen Hao, Sidney C. Smith Jr., Yong Huo, Gregg C. Fonarow, Changsheng Ma, Junbo Ge, Kathryn A. Taubert, Morgan Louise, Yang Guo, Wei Wang, Yujie Zhou, Dong Zhao, Beijing An Zhen Hospital, Capital Medical University, Beijing, People's Republic of China, Beijing Institute of Heart, Lung and Blood Vessel Diseases, Beijing, People's Republic of China

350 - Incidence, Clinical Profile and Prognosis of Patients With Myocardial Infarction With Non-Obstructive Coronary Arteries in the Real World

Javier Lopez Pais, Barbara Izquierdo, Victoria González, Juan Gorriz Magana, Rebeca Mata Caballero, María Jesús Espinosa Pascual, David Galán, Carlos Gustavo Martínez Peredo, Paula Awamleh, Joaquin Alonso Martín, University Hospital of Getafe, Getafe-Madrid, Spain

345 - Long Term Mortality Rates of U.S. Veterans With Bundle Branch Blocks Presenting for Coronary Angiography

Ajay Agarwal, Amish Patel, Jonathan Pollock, Samuel Roberto, Thein Aung, Ronald Markert, Dayton Veteran Affairs Medical Center, Dayton, OH, USA, Wright State University School of Medicine, Dayton, OH, USA

344 - Association Between Erectile Dysfunction and Death or Cardiovascular Outcomes After Myocardial Infarction

Daniel Peter Andersson, Ulva Trolle Lagerros, Alessandra Grotta, Rino Bellocco, Mikael Lehtihet, Martin Holzmänn, Karolinska Institutet, Stockholm, Sweden

348 - Clinical Outcomes of Acute Ischemic Stroke Patients Stratified by Cardiac Troponin-I: A Retrospective Analysis

Dylan Stanger, Siu Him Chan, Samuel Yip, Belinda Rodis, Andrew Starovoytov, Latonia Lam, Sonny Thiara, Christopher Cheung, Stephen Taylor, Ken Kaila, Carolyn Taylor, Krishnan Ramanathan, University of British Columbia, Vancouver, Canada, University of St. Andrews, St. Andrews, United Kingdom

349 - Coronary Microvascular Dysfunction Is Related to Left Ventricular Concentric Remodeling and Diastolic Dysfunction: From the WISE-CVD Study

Seong-Mi Park, Janet Wei, Louise Thomson, Daniel Berman, Eileen Handberg, John Petersen, Carl Pepine, C. Noel Bairey Merz, Cedars-Sinai Medical center, Los Angeles, CA, USA, Korea University Anam Hospital, Seoul, South Korea

346 - Impact of Electrocardiogram Changes on Mortality in Asymptomatic Patients With Sepsis and Elevated Troponin

Hanumantha Rao Jogu, Amit Vasireddy, Muhammad I. Ahmad, Obiora Maludum, Ahmed Feroz, Mohammadtokir Mujtaba, Aysha Amjad, Reham S. M. A. Elfawal, Nishit Vagharia, Abhishek Biswas, Simanta Dutta, Waqas Qureshi, Wake Forest School of Medicine, Winston Salem, NC, USA

347 - The Intermountain Major Adverse Cardiovascular Events Risk Scores Effectively and Efficiently Predict 1- to 3- Year Post-Stent MACE in Non-Myocardial Infarction Patients

Benjamin Davies Horne, J. Muhlestein, Durgesh Bhandary, Greta Hoetzer, Tami Bair, Naeem Khan, Donald Lappe, Intermountain Medical Center, Salt Lake City, UT, USA, AstraZeneca LP, Wilmington, DE, USA

### Arrhythmias and Clinical EP - Poster Contributions Session #1149

#### Arrhythmias and Clinical EP: Devices 2

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

071 - Selective Same Day Discharge After Biventricular Implantation as a Value Based Strategy: Safe and Cost Effective

Kevin Tayon, SriGita Madiraju, Jori W. Richardson, Kenneth Plunkitt, Naples Heart Rhythm Specialists, Naples, FL, USA, Charles E. Schmidt College of Medicine, Boca Raton, FL, USA

072 - Cost Analysis in Patients Discharged Home Same Day After Device Implantation

Baqir A. Lakhani, Devender N. Akula, Kartik Mehta, Alfred Sacchetti, Our Lady of Lourdes Medical Center, Camden, NJ, USA

073 - Antibacterial Envelope Is Associated With Medical Cost Savings in Patients at High Risk for Cardiovascular Implantable Electronic Device Infection

Jess Lopatto, Elizabeth Eby, Daniel Lexcen, Lee J. Smolen, Charles Henrikson, Muhammad Sohail, Grant Simons, Medtronic, Mounds View, MN, USA, Englewood Hospital and Medical Center, Englewood, NJ, USA

074 - Persistent Gender Disparities in Implantable Cardioverter-Defibrillator Therapy

Amber E. Johnson, Shubash Adhikari, Andrew Althouse, Floyd Thoma, Oscar Marroquin, Stephen Koscomb, Leslie Hausmann, Larissa Myaskovsky, Samir Saba, University of Pittsburgh Medical Center, Pittsburgh, PA, USA, Center for Health Equity Research and Promotion, Pittsburgh, PA, USA

075 - Chagas Heart Disease: A Comparison of Clinical and Intraoperative Pacing Parameters

Maziar Rahmani, Ivan Peña, Bianca Ummat, Pablo Toro, Marcial Villeda, Cynthia Tracy, Marco Mercader, Division of Cardiology, Medical Faculty Associates, George Washington University, Washington, DC, USA, Centro Medico Comayagua Colonial, Comayagua, Honduras

076 - Role of Implantable Defibrillators in Primary Prevention of Mortality in Non-Ischemic Cardiomyopathy Patients

Abhilash Akinapelli, Aashay Patel, Abdulghani Saadi, Muhammad Soubhi Azzouz, Arun Kanmanthareddy, Alok Saurav, Ahmed Aboeata, Creighton University School of Medicine, Omaha, NE, USA

077 - AngioVac Cannula for Management of Device Related Vegetative Growth

Nikhil Patel, Malcolm McDonald, Natalie Bradford, Justin Smith, Sean Whalen, Wake Forest School of Medicine, Winston Salem, NC, USA

078 - Impact of Left Atrial Appendage Occlusion on Left Atrial Function

Venkat Lakshmi Kishan Vuddanda, Mohammad-Ali Jazayeri, Ling Li, Mohit Turagam, Srikanth Yandrapalli, Madhav Lavu, Valay Parikh, Donita Atkins, Madhu Reddy, Dhanunjaya Lakkireddy, Shelby Kutty, The University of Kansas Hospital, Kansas City, KS, USA, Nebraska Children's Hospital, Omaha, NE, USA

079 - Long Term Safety and Efficacy of Left Atrial Appendage Closure With Lariat in Atrial Fibrillation: Is It Still Working at 5 Years?

Valay Parikh, Krzysztof Bartus, Madhu Reddy, Randall Lee, Dhanunjaya Lakkireddy, The University of Kansas Hospital, Kansas City, KS, USA



080 - Real World Battery Longevity of St. Jude Medical Implantable Cardioverter-Defibrillators Included in the Advisory for Premature Battery Depletion

Madhu Reddy, Venkat Vuddanda, Mohammad-Ali Jazayeri, Madhav Lavu, Mohit Turagam, Bhavya Yarlagadda, Himadindu Korra, Rakesh Venkata, Vidhya Reddy, Martin Emert, Rhea Pimentel, Raghuvver Dendi, Seth Sheldon, Sudharani Bommana, Donita Atkins, Loren Berenbom, Dhanunjaya Lakkireddy, The University of Kansas Hospital, Kansas City, KS, USA

081 - Left Bundle Branch Block Is Incomplete in the Majority of Patients With Heart Failure Due to Systolic Left Ventricle Dysfunction: A Simple Intraoperative Demonstration

Dan-Andrei Radu, Corneliu Nicolae Iorgulescu, Stefan Nicolae Bogdan, Elena C. Ene, JR, Alexandrina Nastasa, Georgiana Gratiela Malaescu, Radu-Gabriel Vatasescu, Clinical Emergency Hospital Bucharest, Bucharest, Romania

082 - Comprehensive Strategy to Reduce the Incidence of Lead Dislodgment for Cardiac Implantable Electronic Devices

Muhammad Rizwan Afzal, Nancy Matre, Sarah Horner, Dilesh Patel, Mahmoud Houmsse, Emile Daoud, Steven Kalbfleisch, Jaret Tyler, Toshimasa Okabe, John Hummel, Raul Weiss, Ralph Augostini, The Ohio State University, Columbus, USA, OH, USA

### Arrhythmias and Clinical EP - Poster Contributions Session #1150

#### Arrhythmias and Clinical EP: AF Ablation

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

083 - Use of Dabigatran Etexilate to Prevent Stroke and Thromboembolism in Patients Undergoing Left Atrial Catheter Ablation Procedures for Paroxysmal or Persistent (Non-Permanent) Atrial Fibrillation and Left Atrial Flutter

Christopher R. Ellis, Moore Shoemaker, Arvindh Kanagasundram, George Crossley, Juan Estrada, Sharon Shen, Pablo Saavedra, Sherry Bowman, Sean Whalen, Vanderbilt University Medical Center, Nashville, TN, USA

084 - High Density Mapping for Gap Identification After Pulmonary Vein Isolation

Thomas Wolber, Emre Yalcinkaya, Ardan Saguner, Laurent Haegeli, Firat Duru, University Hospital Zurich, Zurich, Switzerland

086 - Long-Term Outcome of Pulmonary Vein Isolation With and Without Focal Impulse and Rotor Modulation (FIRM) Mapping: Results From a Meta-Analysis

Sanghamitra Mohanty, Prasant Mohanty, Carola Gianni, Chintan Trivedi, Luigi Di Biase, Andrea Natale, Texas Cardiac Arrhythmia Institute, Austin, TX, USA, Dell Medical School, Austin, TX, USA

088 - Association of Adverse Clinical Outcomes in Patients With Acute Pulmonary Embolism and Coronary Artery Calcifications Visualized on Computed Tomography

Brett Carroll, Dominique DaBreo, Benedikt Heidinger, Stephanie Feldman, Donya Mohebbi, Ian McCormick, Jason Matos, Warren Manning, Diana Litmanovich, Beth Israel Deaconess Medical Center, Boston, MA, USA

094 - Determination of the Ideal Contact Force Required During Pulmonary Vein Antrum Isolation (PVAI)

Pouria Alipour, Yaariv Khaykin, Zahra Azizi, Meysam Pirbaglou, Sergio Conti, Paul Ritvo, Alfredo Pantano, Atul Verma, Southlake Regional Health Centre, Newmarket, Canada

087 - Long-Term Risk of Recurrent Arrhythmia in Patients With Typical Atrial Flutter Undergoing Pulmonary Vein Antrum Isolation or Cavo-Tricuspid Isthmus Ablation With Permanent Isolation

Sanghamitra Mohanty, Luigi Di Biase, Chintan Trivedi, Carola Gianni, John Burkhardt, Javier Sanchez, Amin Al-Ahmad, Rodney Horton, Gemma Pelargonio, Giovanni Forleo, Sakis Themistoclakis, Michela Casella, Antonio

Dello Russo, Claudio Tondo, Andrea Natale, Texas Cardiac Arrhythmia Institute, Austin, TX, USA, Dell Medical School, Austin, TX, USA

089 - Novel Oral Anticoagulant Discontinuation Before Atrial Fibrillation Ablation and Excessive Heparin Requirements

Todd M. James, Brian Olshansky, Mercy Medical Center- North Iowa, Mason City, IA, USA

090 - Improvement in Cost and Efficiency in Electrophysiology Laboratory by Cardiac Computed Tomography to Exclude Left Atrial Appendage Thrombus Prior to Atrial Fibrillation Ablation

Ali Sheikh, Zaid Said, Mohamed Abdel-Aal Ahmed, Wassim Mosleh, Michael Wilson, Hiroko Beck, Chee Kim, Umesh Sharma, University At Buffalo, Buffalo, NY, USA

091 - Characterization of Pulmonary Vein Reconnection Post Cryoballoon Ablation

Shivang Shah, Wenjie Xu, Evan Adelstein, Andrew Voigt, Samir Saba, Sandeep Jain, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

092 - Early Experience of Topera Rotor Mapping for the Treatment of Recurrent Atrial Fibrillation Following Prior Pulmonary Vein Isolation

Andrew Williams, Zeshan Ahmad, Wilber Su, Banner University Medical Center Phoenix, Phoenix, AZ, USA

093 - Dofetilide Associated QT Prolongation: Actual Versus Ideal Body Weight to Calculate Dosing

Stephen Wang, Terrence Welch, Rajbir Sangha, Robert Maloney, Aaron Kaplan, The Heart & Vascular Center, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA

### Arrhythmias and Clinical EP - Poster Contributions Session #1151

#### Atrial Fibrillation and VT: Unique Populations and Solutions

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

096 - Association Between Atrial Fibrillation and Sudden Cardiac Death: A Systematic Review and Meta-Analysis

Pattara Rattanawong, Tanawan Riangwiwat, Veeravich Jaruvongvanich, Sikarin Upala, Anawin Sanguankeo, Wasawat Vutthikraivit, Eugene Chung, University of Hawaii Internal Medicine Residency Program, Honolulu, HI, USA

097 - Risk Score Model for Predicting Occurrence of Complications in Patients Undergoing Atrial Fibrillation Ablation

Santosh Padala, Sampath Gunda, Parikshit Sharma, Le Kang, Jayanthi Koneru, Kenneth A. Ellenbogen, Virginia Commonwealth University, Richmond, VA, USA

098 - Use of an Esophageal Retractor to Prevent Thermal Injuries During Atrial Fibrillation Ablation: A Multi-Center Experience

Valay Parikh, Madhav Lavu, Mohammad-Ali Jazayeri, Venkat Lakshmi Kishan Vuddanda, Sudharani Bommana, Donita Atkins, Mitra Mohanty, Luigi Di Biase, Raghuvver Dendi, Akash Makkar, Vijay Swarup, Andrea Natale, Madhu Reddy, Dhanunjaya Lakkireddy, The University of Kansas Hospital, Kansas City, KS, USA

099 - Outcomes of Asian Patients With Atrial Fibrillation Compared to Non-Asians in the ENGAGE AF-TIMI 48 Trial

Tze-Fan Chao, Shih-Ann Chen, Christian Ruff, Rose Hamershock, Elliott Antman, Eugene Braunwald, Robert Giugliano, Brigham and Women's Hospital, Boston, MA, USA

100 - Cardiac Resynchronization Is Associated With Reduction in the Rate of ICD Therapies, While Improves Ventricular Function



Enrique Galve Basilio, Gerard Oristrell Santamaria, Gabriel Acosta, Aida Ribera, Moya Angel, Ferreira Ignacio, Perez-Rodon Jordi, Garcia-Dorado David, Enrique Galve, Barcelona, Spain

101 - A Retrospective Study of the Effect of Colchicine Administration Timing on the Incidence of Post-Operative Atrial Fibrillation After a Non Transplant Cardiac Surgery

Alex H. Velasquez, Fiorella Llanos-Chea, Ignacio De Ciccio, S. Humayun Naqvi, Victor Liu, Anne H. Dougherty, University of Texas Health Science Center Houston, Houston, TX, USA

102 - The Prevalence and Distribution of Ventricular Arrhythmias Prior to Ventricular Assist Device Implantation: A Thirteen Year Institutional Experience

Deep Pujara, Brian Greet, David Burkland, Mark Pollet, Deepthi Sudhakar, Francia Rojas, Briana Costello, Alexander Postalian, Zachary Hale, Ben Jenny, Carol Lai, Kenneth Igbalode, Divesh Wadhwa, Masahiro Ono, Jeffrey Morgan, Leo Simpson, Andrew Civitello, Jie Cheng, Nilesh Mathuria, Texas Heart Institute, Houston, TX, USA, Baylor College of Medicine, Houston, TX, USA

095 - Evaluation of Long-Term Success Rate of Outflow Tract Ablation in Patients With Ventricular Tachycardia

Pouria Alipour, Yaariv Khaykin, Zahra Azizi, Despina Michailidis, Amirhossein Sharifzad, Nikhil Nath, Evan Michaelov, Patrick Mallany, Sergio Conti, Alfredo Pantano, Atul Verma, Southlake Regional Health Centre, Newmarket, Canada

103 - Sotalol Versus Other Anti-Arrhythmic Medications for Cardioversion of Atrial Fibrillation and Maintenance of Sinus Rhythm: Meta-Analysis of Randomized Controlled Studies

Arun Kanmanthareddy, Madhu Reddy, Venkata Alla, Dixitha Anugula, Vivek Yarlagadda, Pradyumna Agasthi, Madhav Lavu, Sudharani Bommana, Donita Atkins, Claire Hunter, Aryan Mooss, Andrea Natale, Dhanunjaya Lakkireddy, Creighton University School of Medicine, Omaha, NE, USA

104 - Reduced Mortality Benefit With Prophylactic Implantable Cardioverter Defibrillator in Nonischemic Cardiomyopathy: A Systematic Review and Meta-Analysis

Sukhchain Singh, Alireza Mirhosseini, Rohit Arora, Chicago Medical School, North Chicago, IL, USA

105 - Predictors of Anticoagulant Prescription in Patients With Atrial Fibrillation in North America: The GLORIA-AF Registry

William F. McIntyre, David Conen, Brian Olshansky, Jonathan Halperin, Emil Hayek, Menno Huisman, Gregory Lip, Shihai Lu, Jeff Healey, McMaster University, Hamilton, Canada

106 - Paroxysmal or Persistent: A Tale of Two Flutters

Adnan Kassier, Issa Makki, David Haines, William Beaumont Hospital, Royal Oak, MI, USA

107 - Presence of Mid-Myocardial Substrate Is Associated With Need for Multiple Ablations in Patients With Non-Ischemic Cardiomyopathy and Ventricular Arrhythmias

Peter Rothstein, Michael Cowherd, Matthew Zipse, Ryan Borne, Jehu Mathew, Alexis Tumolo, Amneet Sandhu, Duy Nguyen, Lucas Marzec, Ryan Aleong, Christine Tompkins, William Sauer, Wendy Tzou, University of Colorado, Aurora, CO, USA

108 - Difference in Quality of Life Outcomes Between Atrial Fibrillation Catheter Ablation and Anti Arrhythmic Drugs: A Systematic Review and Meta-Analysis

Parikshit S. Sharma, Sampath Gunda, Santosh Padala, Samir Panchoy, Kenneth A. Ellenbogen, Rush University Medical Center, Chicago, IL, USA, VCU Medical Center, Richmond, VA, USA

109 - Risks and Outcomes of Direct Current Cardioversion in Pediatric and Adult Congenital Heart Disease

Melissa L. Morello, Philip R. Khoury, Gruschen Veldtman, Richard Czosek, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

110 - Low Stroke Incidence in Persistent Atrial Fibrillation Ablation With Multi-Electrode Phased Radio-Frequency Technology: Preliminary Results From VICTORY AF Study

John D. Hummel, Atul Verma, Daryl Gress, Lee Schwamm, Lucas Boersma, Ohio State University, Columbus, OH, USA

### Arrhythmias and Clinical EP - Poster Contributions Session #1152

#### Arrhythmias and Clinical EP: Basic 2

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

111 - Atrial Fibrillation Is Associated With Severe Metabolic Disruption in Atrial Myocardium in Patients With Heart Failure

Cevher Ozcan, Zhenping Li, Michael Broman, Gene Kim, Department of Medicine, Section of Cardiology, University of Chicago, Chicago, IL, USA

112 - Atrial Fibrillation Is Associated With Low Cardiovascular Mortality in Hypertrophic Cardiomyopathy

Anais Hausvater, Ethan Rowin, Mark Link, Patrick Abt, William Gionfriddo, N. A. Mark Estes, III, Wendy Wang, Barry Maron, Martin Maron, Tufts Medical Center, Boston, MA, USA

113 - Inhibiting the Mitochondrial Calcium Uniporter Increase Systolic Calcium and Induces Unsolicited Calcium Waves Without Affecting Sarcoplasmic Reticulum Calcium Content

Yuriana Oropeza, Judith Bernal-Ramírez, Eduardo Reyes-Alvarez, Jesús Garza-López, Gerardo García-Rivas, Tecnológico de Monterrey, Monterrey, Mexico

114 - High Frequency Content of the Surface ECG Correlates With the Presence of Sympathetic Nerves in the Ventricles of the Heart

Larisa G. Tereshchenko, Golriz Sedaghat, Ryan Gardner, Muammar Kabir, Beth Habecker, Oregon Health and Science University, Portland, OR, USA

115 - Utility of an Esophageal Screening Protocol in Preventing Atrio-Esophageal Fistula After Atrial Fibrillation Ablation

Nischala Nannapaneni, Michelle Silver, Gagandeep Kaur, William K. Cho, Mohamed Labedi, Stephen Rechenmacher, Frederick Han, Mihail Chelu, Nassir Marrouche, University of Utah School of Medicine, Salt Lake City, UT, USA, CARMA, Salt Lake City, UT, USA

116 - Comparison of 30-Day Readmission Rate, Cost, and Predictors in Atrial Fibrillation Patients Treated With Versus Without Endovascular Ablation

Smit Patel, Uvesh Mansuri, Rupak Desai, Neel Patel, Mohit Pahuja, Ronak Soni, Chankrit Sethi, Purav Patel, Vinshi Naz Khan, University Pittsburgh Medical Center, Pittsburgh, PA, USA

### Congenital Heart Disease - Poster Contributions

#### Session #1142

#### Adult Patients With Congenital Heart Disease: How Do They Compare?

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

009 - Worse Outcomes in Hospitalizations of Women With Turner Syndrome Compared to Women Without Turner Syndrome

Isani Singh, Lindsey M. Duca, David Kao, Amber Khanna, University of Colorado, Aurora, CO, USA

010 - Risk of Stroke in Adult Patients With Congenital Heart Disease

Compared With the General Population: A Danish Nationwide Population-Based Cohort Study



Mette Glavind Bülow Pedersen, Morten Olsen, Morten Schmidt, Henning B. Laursen, Søren Johnsen, Nicolas Madsen, Department of Clinical Epidemiology, Aarhus University Hospital, Aarhus N, Denmark, Heart Institute, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

011 - Obstructive Sleep Apnea in Adult Congenital Heart Disease: Who Is at Risk?

Benjamin Hendrickson, Damilola Olatunji, David Briston, Pamela Goldsmith, Matthew Granger, Trisha Gribble, Krista Kukovec, Renee Schnug, Rami Khayat, Curtis Daniels, Elisa Bradley, Ohio State University, Columbus, OH, USA, Nationwide Children's Hospital, Columbus, OH, USA

012 - Mortality in Pregnant Women With Congenital Heart Disease: A Subanalysis of the California Pregnancy-Associated Mortality Review  
Aarthi Sabanavagam, Anushree Agarwal, Christy MacCain, Elizabeth Lawton, Elliot Main, Afshan Hameed, Ian Harris, Elyse Foster, University of California San Francisco, San Francisco, CA, USA

013 - Exercise Capacity After Repair of Ebstein Anomaly in Adults: The Cone Era  
Brandon Morriral, Joseph A. Dearani, David J. Driscoll, Nathaniel Taggart, Mayo Clinic, Rochester, MN, USA

014 - Factors Associated With Completion of Advanced Directives in Adults With Congenital Heart Disease  
Nancy H. Klein, Whitney Osborne, Rachel Steury, Seiji Ito, Ruth Phillippi, Anitha John, Children's National Health System, Washington, DC, USA

015 - Decreased Hepatic Elasticity in Young Adults After Biventricular Repair of Congenital Heart Disease  
Shaija Shelby, David Danford, Jonathan Cramer, Angela Yetman, Shane Tsai, Ling Li, Scott Fletcher, Ruben Quiros-Tejeira, Shelby Kutty, University of Nebraska Medical Center, Omaha, NE, USA, Children's Hospital and Medical Center, Omaha, NE, USA

016 - Right and Left Ventricular Mechanics Are Altered in Adolescents and Adults Late After Repair of Subarterial Ventricular Septal Defects  
Sit-Yee Kwok, Susanna Yeung, Wing Yi Li, Yiu-Fai Cheung, University of Hong Kong, Hong Kong, Hong Kong

### Congenital Heart Disease - Poster Contributions Session #1143

**Congenital Heart Disease: Advances in Quality Improvement for Pediatric Cardiac Care**  
Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

017 - Cost-Analysis of Outpatient Cardiac Catheterization in Infants With Single Ventricle Congenital Heart Disease  
Jamie Colombo, Michael Spaeder, Jeffrey Vergales, Michael Hainstock, University of Virginia, Charlottesville, VA, USA

018 - Revenue Return on Investment for Center Involvement in a Quality Improvement Collaborative for a Rare Disease: National Pediatric Cardiology Quality Improvement Collaborative  
Jeffrey B. Anderson, David Brown, Stacey Lihn, James Tweddell, Jesse Hansen, Mark McDonald, Greg Lubiani, Carole Lannon, Cincinnati Children's Hospital, Cincinnati, OH, USA

019 - Standardizing the Care of Outpatient Pediatric Syncope and Dizziness: A Lesson in Utilization and Charge Reduction  
Christopher Statile, Samuel Hanke, Richard Czosek, Enisa Handlon, James Brown, Amy Donnellan, Jeffrey Anderson, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

020 - Making Perioperative Handoff Communication Count by Improving Safety and Quality in a New Congenital Heart Program

Pooja Nawathe, Nicole Berndsen, Veena Sivarajan, Vincent Olshove, Ken Catchpole, Alstair Phillips, Cedars Sinai Medical Center, Los Angeles, CA, USA

### Congenital Heart Disease - Poster Contributions Session #1144

**Innovations in Pediatric Catheterization and EP: Mending, Fixing and Predicting**  
Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

021 - Treatment of Congenital Coronary Fistula  
Fabiola Sozzi, Nicolas Hugues, Laura Iacuzio, Francois Bourlon, Filippo Civaia, Gilles Dreyfus, Vincent Dor, Cardiothoracic Centre, Montecarlo, Monaco, Ospedale Maggiore Policlinico, Milan, Italy

022 - Percutaneous Patent Foramen Ovale Closure Benefit: Is Right Patient Selection the Answer?  
Luis Almeida-Morais, Lidia Sousa, Antonio Fiarresga, Ana T Timoteo, Jose Diogo Martins, Filipa Ferreira, Jose Alberto Oliveira, Cristina Soares, Ana Agapito, Fatima Pinto, Rui Ferreira, Centro Universitário de Cardiologia, Hospital de Santa Marta, Lisbon, Portugal

023 - Outcome of Preoperative Electrophysiology Study in Patients With Ebstein Anomaly  
Alexander C. Egbe, Vidhushei Yogeswaran, Heidi Connolly, Mayo Clinic, Rochester, MN, USA

024 - Ductal Origin of an Isolated Pulmonary Artery: Initial Stenting Followed by Unifocalization  
Navaneetha Sasikumar, Kyong-Jin Lee, Lee Benson, Rajiv Chaturvedi, The Hospital for Sick Children, Toronto, Canada

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1162

**Diabetes and Endothelial Dysfunction in Heart Failure**  
Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

243 - Lack of Testosterone in Obese-Insulin Resistant Condition Aggravates Cardiometabolic Dysfunction Through the Impairment of Cardiac Mitochondrial Function  
Nattayaporn Apaijai, Titikorn Chunchai, Siripong Palee, Thidarat Jaiwongkam, Siriporn Chattipakorn, Nipon Chattipakorn, Cardiac Electrophysiology Research and Training Center, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand, Department of Physiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

244 - Dapagliflozin Attenuates Diabetic Cardiomyopathy and the Activation of the NLRP245 - Cardio-protective Effects Of Trimetazidine In Lps-induced Sepsis By Promoting Neutrophils Migration In Heart Through Regulation Cxcr2 Expression  
Chen Chen, Jing Chen, Dao Wen Wang, Tongji Hospital, Wuhan, People's Republic of China

246 - Association of Endothelial Dysfunction With Biomarkers of Inflammation, Myocardial Fibrosis and Left Ventricle Strain in Patients With Heart Failure  
Evangelos Oikonomou, Efstathios Dimitropoulos, Gerasimos Siasos, Antigoni Miliou, Christine Chrysohoou, Konstantinos Mourouzis, Georgia Vogiatzi, Alexios Antonopoulos, Mpourouki Evgenia, Sotirios Tsalamandris, George-Angelo Papamikroulis, Charilila-Loukia Ververeli, Dimitris Tousoulis, First Department of Cardiology, 'Hippokraton' Hospital, University of Athens Medical School, Athens, Greece



247 - Hypothyroidism Modulates Mitochondrial Calcium Uniporter Expression and Causes Cardioprotection Decreasing Mitochondrial Permeability Transition Pore Opening  
Hector Chapoy, Yuriana Oropeza-Almazan, Ana Gutiérrez-Rodríguez, Gerardo García-Rivas, Tecnológico de Monterrey, Monterrey, Mexico

249 - Interleukin 18 Impairs Excitation Contraction Coupling in Cardiomyocytes and Predicts Mortality in Acute Decompensated Heart Failure  
Elena Gonzalez, Judith Bernal-Ramirez, Andrea Cordero-Reyes, Jerry D. Estep, Keith Youker, García-Rivas Gerardo, Guillermo Torre-Amione, Catedra de Cardiología, Escuela Nacional de Medicina, Tecnológico de Monterrey, Campus Monterrey, Monterrey, Mexico, Houston Methodist DeBakey Heart & Vascular Center, Houston, TX, USA

248 - Mast Cell-Dependent Conversion of Siderophages Into Foam Cells Is a Hallmark of Early Fat Infiltration in Hemorrhagic Myocardial Infarctions  
Ivan Cokic, Avinash Kali, Hsin-Jung Yang, Richard Tang, Joseph Francis, Rohan Dharmakumar, Cedars-Sinai Medical Center, Los Angeles, CA, USA

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1163

**Acute Heart Failure: Evaluating Strategies to Prevent Readmissions**  
Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

252 - The Benign Nature of Discharge Hyponatremia in Heart Failure Patients With Normal Admission Sodium: Analysis From the ESCAPE Trial  
Hesham Omar, Richard Charnigo, Maya Guglin, Division of Cardiovascular Medicine, Linda and Jack Gill Heart Institute, University of Kentucky, Lexington, KY, USA

253 - Timely Use of Right Heart Catheterization Is Associated With Reduced In-Hospital Mortality in Patients With Congestive Heart Failure: Insight From the United States National Inpatient Sample Database  
Reza Masoomi, Zubair Shah, Deepak Parashara, Buddhadeb Dawn, Kamal Gupta, The University of Kansas Medical Center, Kansas City, KS, USA

254 - Admission Types Among Patients With Heart Failure Cared for by Accountable Care Organizations: Variation by Performance on a Measure of Risk Standardized Acute Admission Rates  
Liliya Bencherit, Chloe O. Zimmerman, Haikun Bao, Kumar Dharmarajan, Faseeha Atlatf, Jeph Herrin, Zhenqiu Lin, Harlan Krumholz, Elizabeth Drye, Kasia Lipska, Erica Spatz, Yale University School of Medicine, New Haven, CT, USA, Center for Outcomes Research and Evaluation, Yale-New Haven Hospital, New Haven, CT, USA

255 - Low Dietary Sodium Intake Is Associated With Low Energy Intake and Dietary Micronutrient Deficiency in Elderly Patients Hospitalized for Heart Failure  
Scott L. Hummel, Wahida Karamally, Omar Jimenez, Maria L. Cornelli, Erika Trumble, Jeffrey Wessler, Mathew Maurer, University of Michigan, Ann Arbor, MI, USA, Columbia University, New York, NY, USA

263 - Regional Variation in Hospitalization Outcomes Among Patients Admitted for Heart Failure in the United States  
Emmanuel Akintoye, Alexandros Briasoulis, Oluwale Adegba, Muhammad Adil Sheikh, Manmohan Singh, Abdelrahman Ahmed, Diane Levine, Wayne State University/Detroit Medical Center, Detroit, MI, USA

256 - Effect of Pulmonary Pressure Monitoring (CardioMEMS Heart Failure System, St. Jude Medical) on Hospital Admissions and Emergency Department Visits: A Multicenter Real World Experience  
Daniel Davidovich, Orvar Jonsson, Jamie Pelzel, Mosi Bennett, Bradley Bart, Shari A. Mackedanz, Anne Sexter, Steven Goldsmith, Minnesota Heart Failure Consortium and Associated Sites, Minneapolis, MN, USA

257 - Seasonal and Regional Variations in Heart Failure Admissions and Mortality in the United States  
Soumya Patnaik, Mahek Shah, Vincent Figueredo, Albert Einstein Medical Center, Philadelphia, PA, USA, Lehigh Valley Healthcare Network, Allentown, PA, USA

258 - Timing and Clinical Predictors of Early Versus Late Readmission Among Patients Hospitalized for Acute Heart Failure: Insights From ASCEND-HF  
Marat Fudim, Andrew Ambrosy, Allison Dunning, Randall Starling, Justin Ezekowitz, Paul Armstrong, Marco Metra, Adriaan Voors, Christopher O'Connor, Adrian Hernandez, G. Michael Felker, Robert Mentz, Duke University, Durham, NC, USA

259 - Hemoconcentration During Management of Patients With Acute Heart Failure and Cardiorenal Syndrome: Insights From CARRESS-HF  
Stephen Greene, G. Michael Felker, Jie Sun, Andrew Ambrosy, Bradley Bart, Javed Butler, Adam DeVore, Marat Fudim, Adrian Hernandez, Steven McNulty, Robert Mentz, Duke Clinical Research Institute, Durham, NC, USA

260 - Changes in Renal Perfusion Pressure During Hemodynamically Guided Therapy Is Associated With Worsening Renal Function  
Sula Mazimba, Peter McCullough, Mitchell Rosner, Eliany Mejia-Lopez, Kenneth Bilchick, University of Virginia, Charlottesville, VA, USA

261 - Time of Presentation Among Patients Hospitalized for Acute Heart Failure (Clinical Characteristics, Initial Therapies and Outcomes): Insights From ASCEND-HF  
Lukasz Cerbin, Andrew Ambrosy, Paul Armstrong, Javed Butler, Adrian Coles, Justin Ezekowitz, Stephen Greene, Adrian Hernandez, Marco Metra, Christopher O'Connor, Randall Starling, Wai Hong Tang, John Teerlink, Adriaan Voors, Angie Wu, Robert Mentz, Duke University Medical Center, Durham, NC, USA, Duke Clinical Research Institute, Durham, NC, USA

264 - A Simple Predictive Score for Pre-Admission Identification of Risk of 30-Day Hospital Readmission or Death in Heart Failure  
Zhaohui Su, Tom Brecht, Richard Gliklich, Vandana Menon, OM1, Inc., Cambridge, MA, USA

265 - Improving Heart Failure Unit Readmission Prediction  
Tom Quisel, Richard Milani, Luca Foschini, Evidation Health, San Mateo, CA, USA, Ochsner Medical Institutions, New Orleans, LA, USA

266 - A Bridge Over Water: Successful Implementation of a Heart Failure Bridge Clinic (HFBC) to Reduce Heart Failure (HF) Hospitalizations  
Nisha Aggarwal Gilotra, Kimberly Cuomo, Abby Cummings, Bonnie Marino, Parker Rhodes, Johana Almansa, Julianne Chambers, Tasha B. Freitag, Tolulope Adesiyun, Stuart Russell, Johns Hopkins Hospital, Baltimore, MD, USA

250 - National Trends in Admissions and In-Hospital Mortality in Heart Failure Patients and Impact of the ACC/AHA Management Guidelines: Insight From the National Inpatient Sample (NIS)  
Emmanuel Akintoye, Alexandros Briasoulis, Jarrett Weinberger, Luis Afonso, Wayne State University/Detroit Medical Center, Detroit, MI, USA

267 - Readmissions for Patients Discharged With Acute Decompensated Heart Failure and Reduced Versus Preserved Ejection Fraction: The Atherosclerosis Risk in Communities Study  
Melissa Caughey, Sally Stearns, Amil Shah, Carla Sueta, Jo Rodgers, Wayne Rosamond, Patricia Chang, University of North Carolina, Chapel Hill, NC, USA

268 - Trends in 30-Day Outcomes Following Acute Heart Failure Hospitalizations in a Large Real World Database, 2008 - 2014  
Ella Nkhoma, Cesare Russo, Zhenchao Guo, Bristol-Myers Squibb, Pennington, NJ, USA

269 - Performance of the Seattle Heart Failure Model in Patients Discharged After Acute Heart Failure Hospitalization



Song Li, Julio Nunez, Eduardo Nunez, Juan Sanchis, Wayne C. Levy, University of Washington, Seattle, WA, USA

262 - Impact of Hospital Ownership on In-Patient Mortality and Cost of Hospitalization in Patients Admitted for Heart Failure: Insight From the National Inpatient Sample (NIS)

Emmanuel Akintoye, Alexandros Briasoulis, Vwaire Orhurhu, Walid Ibrahim, Kartik Kumar, Hala Nas, Jarrett Weinberger, Wayne State University/Detroit Medical Center, Detroit, MI, USA

270 - Heart Failure Phenotyping by Latent Class Analysis Identifies Subpopulations at High Risk of Mortality and Readmissions: Insights From a Real World Database

Cesare Russo, Xiao Shao, Zhenchao Guo, Chelsea Jin, Leah Burns, Alice Goshorn, Sanjay Doddamani, Anastasia Christianson, Mary DeSouza, Bristol-Myers Squibb, Princeton, NJ, USA

271 - Identifying the Etiologies and Trends of 30 Day Readmissions in Heart Failure With Preserved Ejection Fraction (HFpEF) Patients: A National Population-Based Cohort Study

Hafeez Hassan, Shilpkumar Arora, Saman Setareh-Shenas, Nilay Patel, Robert Kornberg, Umesh Gidwani, Icahn School of Medicine at Mount Sinai St Luke's West Hospital, New York, NY, USA, Mount Sinai Hospital, New York, NY, USA

272 - Educational Strategy for Management of Heart Failure Markedly Reduces 90-Day Emergency Department and Hospital Readmissions in Un- and Underinsured Patients

Vishwaratn Asthana, Miel Sundararajan, Vivek Karun, Ruth Ackah, Arunima Misra, Allison Pritchett, Angela Siler-Fisher, W. Frank Peacock, Ben Taub Emergency Department, Houston, TX, USA, Baylor College of Medicine, Houston, TX, USA

251 - Seasonal Variation in In-Patient Mortality, Cost of Hospitalization and Length of Stay in Heart Failure Patients in the United States

Emmanuel Akintoye, Alexandros Briasoulis, Oluwole Adegba, Muhammad Adil Sheikh, Manmohan Singh, Abdelrahman Ahmed, Diane Levine, Wayne State University/Detroit Medical Center, Detroit, MI, USA

273 - Kidney Function, Angiotensin-Converting-Enzyme Inhibitor or Angiotensin II Receptor Blocker Use, and Survival Following Hospitalization for Heart Failure: A Cohort Study

Michael Chiu, Robert J. H. Miller, Bing Li, Stephen Wilton, Merril Knudtson, Jonathan Howlett, Mathew T. James, Libin Cardiovascular Institute, Calgary, Canada, University of Calgary, Calgary, Canada

274 - Impact of End Stage Renal Disease in Patients Hospitalized for Systolic and Diastolic Heart Failure: A Nationwide Analysis of 2013

Alejandro Lemor, Shawn Lee, Carlos Gongora, Abel Casso Dominguez, Davendra Mehta, Mount Sinai St. Luke's Hospital, New York, NY, USA

275 - Risk of Hospitalization or Death Due to Heart Failure With Intensive Glucose-Lowering Therapy in Diabetic Women: Subgroup Analyses by History of Cardiovascular Disease in the ACCORD Trial

Tejas Patel, Bereket Tesfaldet, Eileen Navarro Almario, Gyorgy Csako, George Sopko, Jerome Fleg, Ruth Kirby, Charu Gandotra, Helena Sviglin, Keith Burkhardt, Karim Calis, Jue Chen, Lawton Cooper, Frank Pucino, Neha Amin, Henry Chang, Sean Coady, Patrice Desvigne Nickens, Peter Kaufmann, Eric Leifer, Lijuan Liu, Subha Raman, Yves Rosenberg, Ahmed Hasan, Meta-Analytical Interagency Group (MATIG), National Heart, Lung, and Blood Institute, Bethesda, MD, USA

276 - The Impact of the Current Versus Prior Cardiac Resynchronization Guidelines on the Proportion of Hospitalized Heart Failure Patients Eligible for Therapy

Kristin J. Lyons, Justin Ezekowitz, Li Liang, Paul Heidenreich, Clyde Yancy, Adam DeVore, Adrian F. Hernandez, Gregg Fonarow, University of Calgary, Calgary, Canada, University of California Los Angeles, Los Angeles, CA, USA

277 - Cardiac Resynchronization Therapy With Versus Without a Defibrillator: Clinical Insights From Device Interrogation and Mode of Death Analysis  
pieter martens, Frederik Verbrugge, Petra Nijst, Matthias Dupont, Wilfried Mullens, Ziekenhuis Oost Limburg, Genk, Belgium

278 - Screening of Patients With Simple Clinical Parameters Early in Hospitalization Is Highly Sensitive for Detection of Heart Failure Hospitalization

Robin Fortman, Gopi Astik, Preeti Kansal, Hannah Alphs Jackson, Daniel Navarro, Allen Anderson, Charles Davidson, Clyde Yancy, Raja Mutharasan, Northwestern University, Chicago, IL, USA

279 - Among Older Heart Failure (HF) Patients With In-Hospital Acute Kidney Injury (AKI), an Improvement in Kidney Function Is Associated With a Higher Risk of Post-Discharge Mortality but Not Readmission

Phillip Hong Lam, Daniel Dooley, Poonam Bhyan, Paul W. Sanders, Gregg Fonarow, Wen-Chih Wu, Prakash C. Deedwania, Javed Butler, Charity Morgan, Sumanth Prabhu, Ravindra Mehta, Marc Blackman, Ross Fletcher, Wilbert Aronow, Anupam Agarwal, Stefan Anker, Richard Allman, Ali Ahmed, Georgetown University/Washington Hospital Center, Washington, DC, USA, DC Veterans Affairs Medical Center, Washington, DC, USA

280 - No MAGGIC in Predicting Heart Failure Readmissions

Christopher Ting, Aditya Singh, Robert Solomon, Ahmad Murad, Ryan Woolley, Alexander Michaels, Henry Ford Hospital, Detroit, MI, USA

281 - Acute Decompensated Heart Failure: The Journey From Patients' Perspective

Carl Wei-Chan Tong, Garima Sharma, Anne Rzeszut, Cynthia Bither, Katherine D. Byrd, Mary Walsh, American College of Cardiology, Washington DC, DC, USA, Texas A&M University Health Science Center, Temple, TX, USA

282 - Impact of an Inpatient Electronic Medical Record Heart Failure Checklist on Readmissions

Mouin S. Abdallah, Kathleen Kravitz, Tim Sobol, Corinne Bott-Silverman, Randall Starling, Umesh Khot, Cleveland Clinic Foundation, Cleveland, OH, USA

283 - Clinical Efficacy of High-Flow Oxygen Therapy Through Nasal Cannula in Patients With Acute Heart Failure

Min Gyu Kang, Hyun Woong Park, Jin-Sin Koh, Seok-Jae Hwang, Jin-Yong Hwang, Jong-Hwa Ahn, Yongwhi Park, Young-Hoon Jeong, Choong Hwan Kwak, Jeong-Rang Park, First Department of Internal Medicine, Gyeongsang National University School of Medicine, Jinju, South Korea

285 - The Prognostic Role of Prior Heart Failure Hospitalizations in Patients With Severe Symptomatic and Recurrent Heart Failure: Insights From ESCAPE

Daniel Cheeran, Mark H. Drazner, Wai Hong Tang, Justin Grodin, UT Southwestern, Dallas, TX, USA, Cleveland Clinic, Cleveland, OH, USA

286 - Intrarenal Renin Angiotensin System Activation: Pathophysiologic and Therapeutic Implications in Acute Decompensated Heart Failure

Seethalakshmi Iyer, Denise Heublein, Sherry Benike, Laura Meems, Jeson Sangaralingham, John Burnett, Mayo Clinic, Rochester, MN, USA

287 - Correlation of Noninvasive Assessment of Lung Fluid Percentage With Invasively Measured Hemodynamics

Nir Uriel, Gabriel Sayer, Gene Kim, Sirtaz Adatya, Nitasha Sarswat, Jayant Raikhelkar, Teruhiko Imamura, Daniel Rodgers, Ronnie Abbo, Daniel Burkhoff, University of Chicago, Chicago, IL, USA

288 - Trends in Utilization of Inpatient Palliative Care Services and Racial Disparity of Disposition to Hospice Care Among Patients With Heart Failure in the United States Between 2003 and 2012

Kasra Moazzami, Elena Dolmatova, James Maher, Pallavi Solanki, Marc Klapholz, Alfonso Waller, Department of Medicine, New Jersey Medical School, Newark, NJ, USA



289 - Severe Physical Inactivity Persists Following Acute Heart Failure in Patients With Sleep Disordered Breathing

Gordon R. Reeves, David Whellan, Jonathan Rich, Stephen Gottlieb, Andrew Kao, Paul Mather, Brack Hattler, Christopher O'Connor, Sidney Kimmel Medical College at Thomas Jefferson University, Philadelphia, PA, USA

290 - Circulating Mitochondrial DNA Is Associated With Mortality in Patients With Acute Heart Failure

Konstantin A. Krychtiuk, Max Lenz, Kurt Huber, Johann Wojta, Gottfried Heinz, Walter Speidl, Department of Internal Medicine II, Medical University of Vienna, Vienna, Austria

291 - Intestinal Fatty Acid Binding Protein Predicts Mortality in Patients With Acute Heart Failure or Cardiogenic Shock

Stefan Kastl, Konstantin Krychtiuk, Lenz Max, Johann Wojta, Gottfried Heinz, Walter Speidl, Department of Internal Medicine II - Division of Cardiology, Medical University of Vienna, Vienna, Austria

293 - Risk of Heart Failure in Systemic Sclerosis

Chang Kim, Hussain Khalid, Arun Iyer, Toral Patel, Sadeer Al-Kindi, Guilherme Oliveira, University Hospitals Cleveland Medical Center, Cleveland, OH, USA, School of Medicine, Case Western Reserve University, Cleveland, OH, USA

292 - Capacity for Heart Failure Diagnosis and Treatment in Sub-Saharan Africa: Analysis of the Access, Bottlenecks, Costs, and Equity Study in Kenya and Uganda

Selma Carlson, Herbie Duber, Jane Achan, Gloria Ilikezi, Ali Mokdad, Andy Stergachis, Alexandra Wollum, Gene Bukhman, Gregory Roth, University of Washington, Seattle, WA, USA, Institute for Health Metrics and Evaluation, Seattle, WA, USA

294 - Identifying Non-Heart Failure Patients With Elevated NT-proBNP Levels in the Outpatient Setting: Opportunities for Prevention

Abhinav Sood, Ling Li, Leslie Cho, Wai Hong Tang, Cleveland Clinic Foundation, Cleveland, OH, USA

295 - Relationship Between Incident Heart Failure and Dropout Rate in Randomized Clinical Trials of Antihypertensive Therapy

William J. Kostis, Jeanne M. Dobrzynski, Jerry Cheng, Abel E. Moreyra, John B. Kostis, Cardiovascular Institute, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

296 - High Blood Pressure on Discharge From Acute Decompensated Heart Failure in Patients With Type 2 Diabetes Is Associated With Decreased 12-Month Mortality: Findings From the Gulf-Care

Charbel Abi Khalil, Kadhim Sulaiman, Rajvir Singh, Amin Jayyousi, Nidal Asaad, Khalid AlHabib, Alawi Alsheikh-Ali, Jassim Al Suwaidi, Gulf aCute heArt failuRe rEgistry (GULF-CARE), Weill Cornell Medicine-Qatar, Doha, Qatar, Heart Hospital-Hamad Medical Corporation, Doha, Qatar

### Interventional Cardiology - Poster Contributions

#### Session #1153

#### Interventional Cardiology: Angiography, Intravascular Imaging and Interventional CT/MR

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

117 - Comparison of Coronary Calcification Detection Between Multi-Detector Computed Tomography and Optical Coherence Tomography

Linghong Shen, Richard Schlofmitz, Mitsuaki Matsumura, Jane Jie Cao, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA, St. Francis Hospital, Roslyn, NY, USA

118 - Usefulness of Optical Coherence Tomography-Derived Morphometric Assessment to Predict Physiological Significance of Coronary Artery Stenosis and Determinants of Mismatch: Head-to-Head Comparison With Intravascular Ultrasound

Eisuke Usui, Taishi Yonetsu, Tetsumin Lee, Tadashi Murai, Yoshihisa Kanaji, Masahiro Hoshino, Takayuki Niida, Masahiro Hada, Rikuta Hamaya, Mitsuaki Isobe, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura, Japan

119 - Semi-Quantitative Evaluation of Coronary Arterial Patency After Implantation of a Metallic Stent: A Comparison Between 320 Slice CT and Invasive Coronary Angiogram With Consideration of Stent Size, Length, and Type, as Well as the Specific Coronary Artery Implanted

Nobusada Funabashi, Hiroyuki Takaoka, Yoshihide Fujimoto, Yoshio Kobayashi, Chiba University, Chiba, Japan

120 - Pilot Study of Dynamic Coronary Roadmap During Coronary Angioplasty

Anil Kumar Rajappan, Aster Medcity, Ernakulam, India, Philips Healthcare, Netherlands, Netherlands Antilles

121 - Long Term Sequelae of Kawasaki Disease

Archana Kodali, Koroush Khalighi, Richie Manikat, Easton Hospital, Easton, PA, USA

122 - Comparison of Procedural Efficacy of Coronary Angiography in Octogenarian, Nonagenarian and General Population

Amornpol Anuwatworn, Alexander Pham, Udit Bhatnagar, Shenjing Li, Vishesh Kumar, Jimmy Yee, James Higgins, Terezia Petraskova, Julia Stys, Paul Thompson, Adam Stys, Tomasz Stys, Sanford USD Medical Center, Sanford Cardiovascular Institute, Sioux Falls, SD, USA

123 - Can CHA2DS2-VASc Score Be Used as a Predictor of Contrast Induced Nephropathy After Cardiac Catheterization?

Yub Raj Sedhai, Santosh Timalina, Ankush Asija, Tatvam Choksi, Waseem Ahangar, David Gevorgyan, Reshma Golamari, Madhura Borikar, Tawseef Dar, Joseph Alukal, Jose Missri, Mercy Catholic Medical Center, Darby, PA, USA

124 - Technique and Utility of CT Angiography Fluoroscopy Image Fusion to Guide Percutaneous Pulmonary Valve Implantation in Adults

Akanksha Thakkar, Ponraj Chinnadurai, Basel Ramlawi, John Breinholt, Gary Monteiro, Alan Lumsden, C. Huie Lin, Houston Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

125 - Morphologic Patterns of In-Stent Chronic Total Occlusions: An Intravascular Ultrasound Study

Dong Yin, Akiko Maehara, Gary Mintz, Raja Hatem, Lei Song, Kisaki Amemiya, Jeffrey Moses, Manish Parikh, Ajay Kirtane, Tamim Nazif, Khady Fall, Ming Liao, Tiffany Kim, Philip Green, Ziad Ali, Martin Leon, Masahiko Ochiai, Dimitrios Karpaliotis, Cardiovascular Research Foundation, New York, NY, USA

126 - Association Between Syntax Score, and Pre- and Post-Stenting Optical Coherence Tomography Findings in Stable Angina Patients

Krzysztof Bryniarski, Yamamoto Erika, Jiannan Dai, Thomas Zanchin, Tomoyo Sugiyama, Lei Xing, Hang Lee, Ik-Kyung Jang, Massachusetts General Hospital, Boston, MA, USA

127 - The Effectiveness of Excimer Laser Angioplasty to Treat Coronary In-Stent Restenosis With Peri-Stent Calcium as Assessed by Optical Coherence Tomography

Cheolmin Lee, Richard Shlofmitz, Lei Song, Theofanis Tsiamtsiouris, Thomas Pappas, Antonio Madrid, Fernando Sosa, Mitsuaki Matsumura, Dong Yin, Jeffrey Moses, Elizabeth Haag, Gary Mintz, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA, Columbia University Medical Center, New York, NY, USA

128 - Relationship Between Optical Coherence Tomography-Defined In-Stent Neointimal Hyperplasia and Out-Stent Arterial Remodeling Assessed by Serial Intravascular Ultrasound Examinations in Late and Very Late Drug-Eluting Stent Failure

Makoto Araki, Taishi Yonetsu, Tadashi Murai, Yoshihisa Kanaji, Eisuke Usui, Masahiro Hoshino, Masahiro Hada, Takayuki Niida, Rikuta Hamaya,



Sadamitsu Ichijo, Yoshinori Kanno, Tsunekazu Kakuta, Yokosuka Kyosai Hospital, Yokosuka, Kanagawa, Japan, Tsuchiura Kyodo General Hospital, Tsuchiura, Ibaraki, Japan

129 - The Use of a Newer Generation Radiation Reduction Algorithm Has Led to Lower Radiation Doses in Coronary Angiography: A Two Year Single-Center Retrospective Analysis

Clement Wu, Khung Keong Yeo, Soo-Teik Lim, National Heart Centre Singapore, Singapore, Singapore

130 - Improving the Safety Profile of Diagnostic Coronary Bypass Angiography  
Eddie Brown, Claudine Dumandan, Mobasser Mahmood, James Blankenship, Geisinger Medical Center, Danville, PA, USA

### Interventional Cardiology - Poster Contributions Session #1154

**PCI for NSTEMI and Complex Patients With Multiple Co-Morbidities**  
Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

**131 - Platelet Reactivity and Outcomes After PCI of Saphenous Vein Grafts Versus Native Coronary Arteries: The ADAPT-DES Study**

Bjorn Redfors, Philippe Genereux, Ajay Kirtane, Bernhard Witzensbichler, Michael Rinaldi, F. J. Neumann, David Metzger, Timothy Henry, David Cox, Peter L. Duffy, Ernest Mazzaferri, Paul Gurbel, Bruce Brodie, Thomas Stuckey, Thomas McAndrew, Jamie Elizabeth Diamond, Xin Huang, Roxana Mehran, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA

148 - Independent Predictors of MACE at Different Time Points After the Treatment of Non-Selected Patients With Drug-Eluting Stents: An Analysis of the Desire Registry

Jose de Ribamar Costa, Amanda Sousa, Adriana Moreira, Ricardo Costa, Galo Maldonado, Manuel Cano, Cantidio Moura Neto, J Eduardo Sousa, HCOR, São Paulo, Brazil

132 - Early Versus Delayed Invasive Intervention for Non-ST Segment Elevation Myocardial Infarction in Patients Older Than 80 Years: A Nationwide Analysis

Alejandro Lemor, Abel Casso Dominguez, Shawn Lee, Carlos Gongora, Farid Gholitabar, Davendra Metha, Mount Sinai St Lukes Hospital, New York, NY, USA

133 - Percutaneous Coronary Intervention (PCI) Outcomes and Hospital Outliers in California

William J. Bommer, Beate Danielsen, Joseph Carey, Suresh Ram, Jason Rogers, University of California, Davis, Davis, CA, USA

134 - Thirty-Day Readmission Rate and Cost After Percutaneous Coronary Intervention in the United States: A National Readmission Database Analysis

Avnish Tripathi, J. Abbott, Gregg Fonarow, Abdur Khan, Sadip Pant, Sohail Ikram, Rita Coram, Harsh Golwala, Brahmajee Nallamothu, Deepak Bhatt, Division of Cardiology, University of Louisville, Louisville, KY, USA

135 - Frail Older Patients Have a Greater Improvement in Physical Quality of Life Than Robust Patients at One Year Following Invasive Treatment for Non-ST Elevation Acute Coronary Syndrome

Vijayalakshmi Kunadian, Hannah Sinclair, Jonathan Batty, Sophie Z. Gu, Benjamin Beska, Murugapathy Veerasamy, Gary A. Ford, Weiliang Qiu, Institute of Cellular Medicine, Newcastle University, Newcastle upon Tyne, United Kingdom, Cardiothoracic Centre, Freeman Hospital, Newcastle upon Tyne, United Kingdom

136 - The Feasibility and Safety of Same Day Discharge for All Comers After Elective Percutaneous Coronary Interventions

Ali Hama Amin, Sami Aljohani, Peter Farjo, Kinjan Patel, Mohammad Akram Kawsara, Fahad Alqahtani, Chalak Berzingi, Anthony Roda-Renzelli, Jason

Moreland, Wissam Gharib, Mohamad Alkhouli, West Virginia University-Heart and Vascular Institute, Morgantown, WV, USA

**140 - More Bleeding and Myocardial Infarctions Post-PCI in Patients With BMI Over 30**

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

137 - Predictors of Survival From Out-of-Hospital Cardiac Arrest

Sri Raveen Kandan, Hazim Rahbi, Kieron Rooney, Matthew Thomas, Abdul Moziq, Stephen Dorman, Andreas Baumbach, Thomas Johnson, Julian Strange, Bristol Heart Institute, Bristol, United Kingdom, Bristol Royal Infirmary, Bristol, United Kingdom

138 - Predictors of 90-Day Readmission and In Hospital Mortality Amongst Patients Undergoing Percutaneous Coronary Interventions: Insights From a National Database

Shilpkumar Arora, Prashant Patel, Harshil Shah, Varun Kumar, Chirag Savani, Kosha Thakore, Sidakpal Panaich, Rajvee Patel, Ambarish Pathak, Apurva Badheka, Mount Sinai St. Luke's Roosevelt Hospital, New York, NY, USA

139 - Prognostic Value of Coronary Computed Tomography Angiography, Myocardial Perfusion Imaging and Invasive Coronary Angiography in Kidney Transplantation Candidates: A Prospective Cohort Study

Simon Winther, My Svensson, Hanne S. Jørgensen, Laust D. Rasmussen, Lars Gormsen, Niels Holm, Kirsten Bouchelouche, Hans Erik Boetker, Per Ivarsen, Morten Boettcher, Department of Cardiology, Aarhus, Denmark

141 - Comparing PCI Outcomes in the Very Elderly: Does Age Matter? A Report From Outcomes of Septuagenarians, Octogenarians and Nongenarians After PCI

Suraj Rasanias, Usman Baber, George Dangas, Roxana Mehran, Srinivas Kesanakurthy, Nitin Barman, Joseph Sweeny, Choudhury Hasan, Annapoorna Kini, Samin Sharma, Mount Sinai Medical Center Icahn School of Medicine, New York, NY, USA

142 - The Contrast Volume to Creatinine Clearance Ratio Predicts Contrast-Induced Nephropathy in Patients With Chronic Kidney Disease Undergoing Percutaneous Coronary Intervention

Xiaosheng Guo, Jiyang Chen, Yong Liu, Ning Tan, Yingling Zhou, Weijie Bei, Hualong Li, Shiqun Chen, Liwen Li, Guangdong Cardiovascular Institute, Guangzhou, People's Republic of China, Guangdong General Hospital, Guangdong Academy of Medical Sciences, Guangzhou, People's Republic of China

**143 - Percutaneous Coronary Intervention in Patients With Recent Gastrointestinal Bleeding: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium**

Devraj Sukul, Milan Seth, Hitinder Gurm, University of Michigan, Ann Arbor, MI, USA

144 - Percutaneous Coronary Intervention in Adults Age 75 Years or Older With ST Elevation Myocardial Infarction and Cardiogenic Shock

Abdulla Damluji, Mohammed Al-Damluji, Mauro Moscucci, LifeBridge Health Research Institute, Baltimore, MD, USA, Johns Hopkins University, Baltimore, MD, USA

145 - A Novel Approach to Pre-Procedural Planning of Percutaneous Interventions: Value of 3D Printing and Fluoroscopic Evaluation

Terry D. Bauch, Pugazhendhi Vijayaraman, Kishore Harjai, Geisinger Health System, Danville, PA, USA

146 - In-Stent Restenosis of Drug-Eluting Stents: Incidence, Lesion Characteristics and Outcomes in Contemporary Practice Over the Last Decade - How Are They Different From De Novo Lesions?



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

147 - Management and Outcomes of Non-ST Elevation Myocardial Infarction in Patients Hospitalized for Non-Cardiac Conditions

Anthony J. Mazzei, Akinniran Abisogun, Melissa Caughey, Xuming Dai, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

### Interventional Cardiology - Poster Contributions

#### Session #1155

#### Coronary Intervention in Interventional Cardiology: Advanced Device Use

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

157 - Comparison of IABP With pLVAD in the Setting of Complex PCI and Cardiogenic Shock

Perwaiz M. Meraj, Rajkumar Doshi, Amitkumar Patel, Anmol Singh, Sheryl Kompancaril, Rebecca Sgroi, Northwell Health, Manhasset, NY, USA

150 - Venous-Arterial ECMO Program for Refractory Cardiogenic Shock in the Cardiac Intensive Care Unit: Feasibility and Outcome Data at a Large Tertiary Academic Center

Carlos Leon Alviar, Alejandra Gutierrez, Terence Hill, Amar Krishnaswamy, Deborah Klein, Nader Moazami, Venu Menon, Cleveland Clinic Foundation, Cleveland, OH, USA

151 - Twelve Month Follow-Up Data From the ONYX CORE Trial: Angiographic and Clinical Performance of Next Generation Resolute Onyx Drug-Eluting Stent

Matthew J. Price, Richard Shlofmitz, Douglas Spriggs, Thomas Haldis, Paul Myers, Alexandra Popma-Almonacid, Akiko Maehara, Beth Moe, Yun Peng, Roxana Mehran, Scripps Clinic, La Jolla, CA, USA

152 - QRS Duration Alterations After Left Ventricular Assist Device Implantation in Patients With Advanced Heart Disease

Megan Stout, Baher Guirguis, Samy Elayi, Hesham Omar, Maya Guglin, University of Kentucky College of Medicine, Lexington, KY, USA, University of Kentucky Department of Cardiology, Lexington, KY, USA

159 - Impella or Intra-Aortic Balloon Pump Support in Patients Undergoing High Risk Percutaneous Coronary Intervention: A Real World Single Center Experience

Sabato Sorrentino, Usman Baber, Jaya Chandrasekhar, Serdar Farhan, Michela Faggioni, Birgit Vogel, Samantha Sartori, Jason Kovacic, Pedro Moreno, Kesanakurthy Srinivas, Pooja Vijay, Gennaro Giustino, George Dangas, Roxana Mehran, Annapoorna Kini, Samin Sharma, Mount Sinai, New York, NY, USA

153 - Coronary Atherectomy for Treatment of Calcified Coronary Artery Lesions Is Associated With Increased Procedural Success and Lower Procedural Complication Rates: Insights From a National Veteran Cohort

Ehrin J. Armstrong, Maggie Stanislawski, Meg Plomondon, Subhash Banerjee, Stephen Waldo, Denver VA Medical Center, Denver, CO, USA

154 - Angiography Versus Optical Coherence Tomography Guided Percutaneous Coronary Intervention: A Meta-Analysis of Clinical Outcomes

Poonam Velagapudi, Mohit Turagam, Herbert Aronow, Sahil Khera, Dhaval Kolte, J. Abbott, Brown University, Providence, RI, USA, University of Missouri, Columbia, MO, USA

156 - Contemporary Use of Laser During Percutaneous Coronary Intervention: Results From the Laser Veterans Affairs (LAVA) Multicenter Registry

Judit Karacsonyi, Ehrin Armstrong, Huu Tam Truong, Jose Martinez Parachini, Aya Alame, Barbara Danek, Aris Karatasakis, Phuong-Khanh Nguyen-Trong, Rahel Iwnetu, Erica Resendes, Pratik Kalsaria, Michele Roesle, Houman Khalili, Ryan Tsuda, Damianos Kokkinidis, Imre Ungi, Subhash Banerjee, Emmanouil Brilakis, Bavana Rangan, University of Texas Southwestern Medical Center and Dallas VA Medical Center, Dallas, TX, USA

155 - Innovative Technique to Achieve Hemostasis With Large Bore Access for Percutaneous Hemodynamic Support Devices

Ruchir Patel, Mahmoud Ali, Steven Nair, Mohammad Alqarqaz, Gerald Koenig, Mohammad Zaidan, Henry Kim, William O'Neill, Khaldoun Alaswad, Henry Ford Hospital/Wayne State University, Detroit, MI, USA

158 - Clinical Outcomes Associated With Impella Versus IABP Use in Stable Patients Undergoing High Risk Percutaneous Coronary Intervention

Sabato Sorrentino, Usman Baber, Jaya Chandrasekhar, Serdar Farhan, Michela Faggioni, Birgit Vogel, samantha sartori, Jason Kovacic, Pedro Moreno, Javed Suleman, Pooja Vijay, Gennaro Giustino, George Dangas, Roxana Mehran, Annapoorna Kini, Samin Sharma, Interventional Cardiovascular Research & Clinical Trials, Icahn School of Medicine at Mount Sinai, New York, NY, USA

160 - A Meta-Analysis of Contemporary Lesion Modification Strategies During Percutaneous Coronary Intervention in 244,665 Patients From 21 Studies

Barbara Anna Danek, Aris Karatasakis, Judit Karacsonyi, Waleed Alharbi, Michele Roesle, Bavana Rangan, M. Nicholas Burke, Subhash Banerjee, Emmanouil Brilakis, University of Texas Southwestern Medical Center, Dallas, TX, USA, Minneapolis Heart Institute, Minneapolis, MN, USA

161 - Three-Year Outcomes in 'Real-World' Patients Treated With a Thin-Strut, Platinum-Chromium, Everolimus-Eluting Stent in the PROMUS Element Plus U.S. Post-Approval Study (PE-Plus PAS)

David E. Kandzari, Jeffrey Chambers, Stilianos Efstratiadis, Matthew Wolff, Steve Lin, Anthony White, Stephen McIntyre, Michael Kelberman, William Berg, Alan Moak, Sandeep Dube, Thomas Christen, Keith Dawkins, Piedmont Heart Institute, Atlanta, GA, USA

149 - Intravascular Imaging Comparison of Two Metallic Limus-Eluting Stents Abluminally Coated With Biodegradable Polymers: IVUS and OCT Results of the DESTINY Trial

Jose de Ribamar Costa, Daniel Chamie, Alexandre Abizaid, Expedito Ribeiro, George Meireles, Mauricio Prudente, Ricardo Costa, Pedro Lemos, IDPC, São Paulo, Brazil, INCOR, São Paulo, Brazil

162 - Performance of the Lithoplasty System in Treating Calcified Coronary Lesions Prior to Stenting: Results From the Disrupt CAD OCT Sub-Study

Todd J. Brinton, Ziad Ali, Carlo Di Mario, Jonathan Hill, Robert Whitbourn, Matthias Gotberg, Uday Illindala, Akiko Maehara, Nicolas Van Mieghem, Ian Meredith, Jean Fajadet, Stanford University, Stanford, CA, USA

163 - Early Unloading With Impella Support in Acute MI With Cardiogenic Shock Linked to Decreased Infarct Size, In-Hospital Mortality, and Hospital Length of Stay

Shailendra Singh, Yonathon Litwok, Evelina Grayver, Stacey Rosen, Alexander Lee, Hofstra Northwell School of Medicine, Manhasset, NY, USA

164 - Strut Protrusion Distance and Shape Impact on Endothelial Shear Stress: Insights From Pre-Clinical Study Comparing Mirage and Absorb Biosorbable Scaffolds in Porcine Coronary Model

Erhan Tenekecioglu, Yohei Sotomi, Ryo Torii, Christos Bourantas, Yosuke Miyazaki, Solomon Su, Yoshinobu Onuma, Patrick Serruys, Department of Interventional Cardiology, Erasmus University Medical Center, Thoraxcenter, Rotterdam, The Netherlands, Department of Mechanical Engineering, University College London, London, United Kingdom



166 - Clinical Outcomes After Implantation of Absorb BVS in a Real World Setting, With Pre- and Post-Dilatation, Guided by Intravascular Ultrasound & Optical Coherence Tomography  
Costantino R. Costantini, Sergio Tarbine, Costantino O. Costantini, Marcelo Freitas, Daniel A. Zanuttini, Marcos Denk, Hospital Cardiologico Costantini, Curitiba, Brazil

165 - Facilitation of Stent Delivery With the Guideliner Catheter  
Mohamed Ali, Hatim Yagoub, Alice Brennan, Donal Cahill, Samer Arnous, Terence Hennessy, Brendan Meany, Brian Hynes, Thomas Kiernan, University Hospital Limerick, Limerick, WA, Ireland

### Interventional Cardiology - Poster Contributions

#### Session #1156

#### Structural Heart Interventions: Focus on Mitral Valve, Left Atrial Appendage and HOCM

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

167 - Impact of Residual Left Atrial Appendage Trabeculations After WATCHMAN Device Implantation in Atrial Fibrillation Patients  
Krissada Meemook, Shunsuke Kubo, Yoshifumi Nakajima, Mamoo Nakamura, Asma Hussaini, Saibal Kar, Heart Institute, Cedars-Sinai Medical Center, Los Angeles, CA, USA

169 - 3D Printed Patient-Specific Multi-Material Modeling of Mitral Valve Apparatus  
Marija Vukicevic, Eleonora Avenatti, Stephen Little, Houston Methodist Hospital, Houston, TX, USA, TX, USA

170 - Acute Changes in Left Atrial Pressure Following MitraClip are Associated With Long Term Improvement in 6 Min Walk Distance  
Elad Maor, Claire Raphael, Sidakpal Panaich, Guy Reeder, Charanjit Rihal, Mackram F. Eleid, Mayo Clinic, Rochester, MN, USA

171 - Change in Utilization Trends of Percutaneous Atrial Septal Defect Closure Post 2008 ACC/AHA Guidelines for Adults With Congenital Heart Disease  
Siva Sagar Taduru, Shubha Deep Roy, Madhuri Ramakrishnan, Rakesh Ponnappureddy, Paramdeep Baweja, University of Missouri Kansas City, Kansas City, MO, USA

172 - Insights Into Outcomes With Intracardiac Echocardiogram Use in Structural Interventions  
Prashant Patel, Shilpkumar Arora, Sopan Lahewala, Nirali Patel, Ambarish Pathak, Abhishek Deshmukh, Sidakpal Panaich, Apurva Badheka, Mount Sinai St. Luke's Roosevelt, New York, NY, USA

173 - Transcatheter Mitral Valve Repair(Mitraclip) in United States: Etiologies and Predictors of Readmission and In-Hospital Mortality From the Nationwide Readmission Database  
Sidakpal Panaich, Shilpkumar Arora, Elad Maor, Claire Raphael, Nilay Patel, Harshil Shah, Varun Kumar, Apurva Badheka, Abhishek Deshmukh, Mackram F. Eleid, Rajvee Patel, Charanjit Rihal, Mayo Clinic, Rochester, MN, USA

175 - Comparison of Transesophageal Echocardiography and Computed Tomography Angiography for Left Atrial Appendage Evaluation Prior to WATCHMAN Implantation  
David McNeely, Kim L. Sandler, Michael Baker, Christopher R. Ellis, Vanderbilt University Medical Center, Nashville, TN, USA

176 - Pulmonary Venous Waveforms Predict Ventricular Remodeling After Percutaneous Mitral Valve Repair  
Frank Corrigan, Aneel Maini, Ankit Parikh, Ioannis Parastatidis, Patricia Keegan, Sharon Howell, Vinod Thourani, Stephen Clements, Vasilis Babaliarios, Stamatios Lerakis, Emory University School of Medicine, Divisions of Cardiology and Cardiothoracic Surgery, Atlanta, GA, USA

177 - Increased Left Atrial Compliance Is an Independent Predictor of Improved Functional Capacity After Percutaneous Mitral Valvuloplasty  
Bruno Ramos Nascimento, Guilherme Rafael S. Athayde, Lucas Junqueira, Juliana R. Soares, Thiago N. R. Reis, Gabriel P. Saad, William Esteves, Maria do Carmo Nunes, Hospital das Clínicas da Universidade Federal de Minas Gerais, Belo Horizonte, Brazil

178 - Independent Pre Procedural Echocardiographic Predictors of Mitral Valve Restenosis After Percutaneous Mitral Balloon Valvuloplasty in a Large Consecutive Cohort Followed Up to Two Decades  
Alfredo Ferreira Neto, Jose de Ribamar Costa, Auristela Ramos, Rafael Meneguz-Moreno, Sergio Braga, Dimytri Siqueira, Zilda Meneghelo, Nisia Gomes, Cesar Esteves, Mercedes Maldonado, Amanda Sousa, Alexandre Abizaid, Instituto Dante Pazzanese de Cardiologia, Sao Paulo, Brazil

179 - In-Hospital Outcomes After MitraClip Implantation in the United States: 2010-2012  
Sagar Mallikethi-Reddy, Naveen Trehan, Shanker Kundumadam, Tesfaye Telila, 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

180 - Left Atrial Appendage Occlusion in Patients With Atrial Fibrillation and Previous Major Gastrointestinal Bleeding: Insight From the Amplatzer Cardiac Plug Multicenter Registry  
Mathieu Lempereur, Adel Aminian, Xavier Freixa, Sameer Gafoor, Samera Shakir, Heyder Omran, George Giannakoulas, Sergio Berti, Gennaro Santoro, Joelle Kefer, Ulf Landmesser, Jens Nielsen, Ignacio Cruz-Gonzalez, Prapa Kanagaratnam, Fabian Nietlispach, Reda Ibrahim, Horst Sievert, Wolfgang Schillinger, Jai-Wun Park, Bernhard Meier, Haralampos Karvounis, Apostolos Tzikas, University Hospital of Liège, Liège, Belgium

181 - Long-Term Outcomes of Alcohol Septal Ablation in Young Patients With Hypertrophic Cardiomyopathy  
William Crosland, Thomas Riddell, Byron Williams, John S. Douglas, JR, Emory University, Atlanta, GA, USA

182 - Comparing TEE With Angiographic Sizing of WATCHMAN Device for Left Atrial Appendage Closure  
Divya Ratan Verma, Haidar Yassin, Jessica Weiss, Salem Al Rabadi, Supriya Bhardwaj, Michael Morris, George Gellert, Akil Loli, H. Kenith Fang, Timothy Byrne, Ashish Pershad, Banner University Medical Center Phoenix, Phoenix, AZ, USA

183 - 3D Printing for Procedural Simulation of Transcatheter Mitral Valve Replacement in Patients With Mitral Annular Calcification  
Abdallah El Sabbagh, Mackram F. Eleid, Sameh Said, Vuyisile Nkomo, Charanjit Rihal, Thomas Foley, Mayo Clinic, Rochester, MN, USA

174 - Transcatheter Mitral Valve Repair (Mitra Clip) in United States: Length of Stay and Cost of Hospitalizations From the Nationwide Readmission Database  
Sidakpal Panaich, Shilpkumar Arora, Elad Maor, John Rapheal, Nilay Patel, Apurva Badheka, Abhishek Deshmukh, Mackram F. Eleid, Harshil Shah, Byomesh Tripathi, Ala Asasad, Kosha Thakore, Charanjit Rihal, Mayo Clinic, Rochester, MN, USA

168 - Anemia Predicts Mortality in Atrial Fibrillation Patients Undergoing Left Atrial Appendage Occlusion Using WATCHMAN Device  
Krissada Meemook, Yoshifumi Nakajima, Mamoo Nakamura, Asma Hussaini, Saibal Kar, Heart Institute, Cedars-Sinai Medical Center, Los Angeles, CA, USA

184 - Change in Aortomitral Annular Angle and Anterior Mitral Valve Leaflet Length After Transcatheter Aortic Valve Replacement: Implications for Transcatheter Mitral Valve Replacement?



Abdallah Sanaani, Prakash Harikrishnan, Tanya Dutta, Mala Sharma, Srikanth Yandrapalli, Ryan Kaple, Hasan Ahmad, Cenap Udemir, Alexis Kearns, angelica poniros, Cheng feng, Anna Rozenshtein, Martin Cohen, joanne bennett, Steven Lansman, Gilbert Tang, Westchester Medical Center, Valhalla, NY, USA

### Interventional Cardiology - Poster Contributions Session #1157

#### Complex Coronary Intervention: Left Main/Bifurcations and Multivessel Disease

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

185 - In-Hospital Mortality in Percutaneous Coronary Stenting of Bifurcation Versus Non-Bifurcation Lesions in Acute ST-Elevation Myocardial Infarction  
Nene Ugoeke, Hemang Panchal, Yasir Taha, Timir Paul, East Tennessee State University, Johnson City, TN, USA

186 - The Prognostic Implications of Current Periprocedural Myocardial Infarction Definitions in Patients Underwent Percutaneous Coronary Intervention With Unprotected Left Main Coronary Artery Disease  
Jung Ae Hong, Ungjeong Do, Osung Kwon, Kyusup Lee, Do-Yoon Kang, Yu Na Kim, Jae Seok Bae, Min Soo Cho, Cheol Hyun Lee, 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

187 - Provisional Versus Elective Two-Stenting Strategy for Unprotected True Left Main Bifurcation Lesions: A Sub-Study From Fails 2 Study  
Hirovoshi Kawamoto, Alaide Chieffo, Richard Jabbour, Fabrizio D'Ascenzo, Enrico Cerrato, Fabrizio Ugo, Marco Pavani, Roberto di Summa, Ferdinando Varbella, Giacomo Boccuzzi, Pierluigi Omedè, Roberto Garbo, Federico Conrotto, Antonio Montefusco, Giuseppe Biondi-Zoccai, Maurizio D'Amico, Claudio Moretti, Javier Escaned, Fiorenzo Gaita, Sunao Nakamura, Antonio Colombo, New Tokyo Hospital, Chiba, Japan

188 - Differences and Level of Agreement in SYNTAX Score Assessment Between Site Operators and Angiographic Core Laboratory Readers: Insights From the EXCEL Trial  
Philippe Genereux, Patrick Serruys, A. Kappetein, Ad Van Boven, Mark Hickey, David Kandzari, Erick Schampaert, Ovidiu Dressler, Imre Ungi, Samer Mansour, Adrian Banning, David Taggart, Manel Sabate, Anthony Gershlick, Andrzej Bochenek, Jose Pomar, Piet Boonstra, Nicholas Lembo, John Puskas, W. Morris Brown, Roxana Mehran, Ori Ben-Yehuda, Charles Simonton, Joseph Sabik, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA

189 - Multivessel Versus Culprit-Only PCI in Patients With Non-ST Segment Elevation Myocardial Infarction and Multivessel Disease: Results From the PROMETHEUS Study  
Birgit Vogel, Usman Baber, Samantha Sartori, Jaya Chandrasekhar, Serdar Farhan, Michela Faggioni, Sabato Sorrentino, Annapoorna Kini, William Weintraub, Sunil Rao, Samir Kapadia, Sandra Weiss, Craig Strauss, Catalin Toma, J. Muhlestein, Anthony C. DeFranco, Mark Effron, Stuart Keller, Brian Baker, Stuart Pocock, Timothy Henry, Roxana Mehran, Icahn School of Medicine at Mount Sinai, New York, NY, USA

190 - Is CABG the Best Revascularization Strategy Among All Diabetics Subgroups With Multi-Vessel Disease in the Modern Era? A Multi-Center Analysis  
Alexander Iribarne, Anthony DiScipio, Michael Robich, Andrew C. Eisenhauer, Bruce Leavitt, Yvon Baribeau, Peter Ver Lee, James Flynn, Yi-Ling Huang, David Malenka, Northern New England Cardiovascular Disease Study Group, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA

191 - National Trend in Total Charges for Multivessel Percutaneous Coronary Intervention in Patients With Diabetes Mellitus in the United States: Nationwide Inpatient Sample From the Year 2006 to 2011

Apurva Patel, Hemang Panchal, Shimin Zheng, Ashraf Abusara, Eunice Mogusu, Timir Paul, East Tennessee State University, Johnson City, TN, USA

192 - Pathological Features of Left Main Stent Thrombosis  
Hirovoshi Mori, Robert Kutys, Sho Torii, Emanuel Harari, Maria Romero, Renu Virmani, Alope Finn, CVPath institute, Gaithersburg, MD, USA

193 - Techniques and Outcomes of Bioresorbable Vascular Scaffolds in the Treatment of Coronary Bifurcation Lesions: One Scaffold Strategy Versus Two Scaffold Strategy  
Babu Ezhumalai, Ashok Seth, Fortis Escorts Heart Institute, New Delhi, India

194 - Comparison of Two-Year Outcomes in Drug-Eluting Stents Versus Coronary Artery Bypass Grafting for Treatment of Unprotected Left Main Coronary Artery Disease in Elderly Patients: A Meta-Analysis  
Wina Youzman, Justin Lee, Wei Xiang Wong, Jarred Sargeant, Carol Howe, Iwan Nyotowidjojo, Ahmed Pasha, David Fortuin, Kwan Lee, University of Arizona, College of Medicine, Tucson, AZ, USA, Mayo Clinic Arizona, Phoenix, AZ, USA

195 - Impact of Kissing Balloon Inflation After Single Stent Implantation for Left Main Distal Bifurcation Lesions: New Tokyo Registry  
Yusuke Watanabe, Yusuke Fujino, Toru Naganuma, Sunao Nakamura, New Tokyo Hospital, Matsudo, Japan

196 - Assessing Inter-Rater Agreement of Experienced Interventional Cardiologists on Culprit Vessel in Patients With Multivessel Disease and Acute Non-STEMI  
Torrey Richard Schmidt, Mark Kozak, Ian Gilchrist, Andrew Foy, Penn State Milton S. Hershey Medical Center, Hershey, PA, USA

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

#### Session #1158

#### Non Invasive Imaging: MR Heart Failure and Pulmonary Hypertension

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

197 - Implementation of a Wideband Late Gadolinium Enhancement Cardiac Magnetic Resonance Protocol to Improve Assessment of Myocardial Scar in Patients With Implantable Cardioverter Defibrillators  
Amita Singh, Keigo Kawaji, Roderick Tung, Karima Addetia, Noreen Nazir, Akhil Narang, Javed Zaidi, Ginny O'Keefe Baker, Roberto Lang, Amit Patel, University of Chicago Medical Center, Chicago, IL, USA

198 - Antecedent Hypertension and Myocardial Injury in Patients With Reperused ST-Elevation Myocardial Infarction  
Sebastian Reinstadler, Thomas Stiermaier, Charlotte Eitel, Mohammed Saad, Bernhard Metzler, Suzanne de Waha, Georg Fuernau, Steffen Desch, Holger Thiele, Ingo Eitel, University Heart Center Luebeck, Medical Clinic II, University of Luebeck, Luebeck, Germany, University Clinic of Internal Medicine III, Cardiology, Medical University of Innsbruck, Innsbruck, Austria

199 - Segmental Circumferential Strain Derived From DENSE Predicts Improvement of Left Ventricular Function Post ST Elevation Myocardial Infarction: The BHF MR-MI Study  
Kenneth Mangion, Guillaume Clerfond, Christopher Rush, David Carrick, Christie McComb, Hao Gao, Xiaoyu Luo, Hany Eteiba, Martin Lindsay, Margaret McEntegart, Stuart Hood, Mark Petrie, Keith Oldroyd, Stuart Watkins, Andrew Davie, Xiaodong Zhong, Caroline Haig, Colin Berry, BHF Glasgow Cardiovascular Research Centre, University of Glasgow, Glasgow, United Kingdom, West of Scotland Heart and Lung Regional Centre, Golden Jubilee National Hospital, Clydebank, United Kingdom



200 - Cardiovascular Magnetic Resonance in the Evaluation of Fibrofatty Infiltration for Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy (ARVD/C)

Andrew D. Choi, Andrew Bradley, Sujata Shanbhag, Peter Kellman, Oscar Levine, Christine Mancini, Marcus Chen, Andrew Arai, W. Patricia Bandettini, National Heart Lung and Blood Institute, National Institutes of Health, Bethesda, MD, USA, The George Washington University School of Medicine, Washington, DC, USA

201 - Normal Findings on Noninvasive Cardiac Assessment and the Prediction of Heart Failure: The Multi-Ethnic Study of Atherosclerosis (MESA)

Stephen Broughton, Wesley O'Neal, Mouaz Al-Mallah, David Bluemke, Susan Heckbert, Joao Lima, Elsayed Soliman, Wake Forest School of Medicine, Winston-Salem, NC, USA

202 - Improvement in Cholesterol Efflux Capacity Is Associated With a Reduction in Aortic Wall Thickness by MRI Independent of Traditional CV Risk Factors

Mohammad Tarek Kabbany, Amit Dey, Parag Shukla, Abhishek Chaturvedi, Anshuma Rana, Joshua Rivers, Jonathan Chung, Aditya Joshi, Joseph Lerman, Tsion Aberra, Justin Rodante, Heather Teague, Joanna Silverman, Qimin Ng, Mark Ahlman, Martin Playford, Nehal Mehta, The National Heart, Lung, and Blood Institute (NHLBI), Bethesda, MD, USA

203 - T1 Mapping in Patients With Heart Failure With Preserved Ejection Fraction Detects Increased Interstitial Myocardial Fibrosis and Assesses the Severity of Heart Failure

Allen Weiss, Juan Antonio Requena Ibanez, Chirag Agarwal, Rebecca Smoller, Johanna Contreras, Jagat Narula, Valentin Fuster, Juan Badimon, Angel Sanz Salvo, Carlos Santos-Gallego, Mount Sinai, New York, NY, USA

204 - Fibroblast Growth Factor 23 as Novel Biomarker for Early Risk Stratification After ST-Elevation Myocardial Infarction

Martin Reindl, Sebastian Reinstadler, Hans-Josef Feistritz, Lukas Mueller, Constantin Koch, Agnes Mayr, Markus Theurl, Rudolf Kirchmair, Gert Klug, Bernhard Metzler, University Clinic of Internal Medicine III, Cardiology, Medical University of Innsbruck, Innsbruck, Austria, University Clinic of Radiology, Medical University of Innsbruck, Innsbruck, Austria

205 - Non-Invasive Quantification of Cardiac Output With Phase Velocity Mapping in Patients With Pulmonary Hypertension

Jose Ricardo Po, Matthew Tong, Talha Meeran, Alekhya Potluri, Mark Doyle, Amresh Raina, Robert Biederman, Allegheny General Hospital, Pittsburgh, PA, USA

206 - Prognostic Stratification in Patients With ST-Elevation Myocardial Infarction Over Transthoracic Echocardiography by CMR

Gianluca Pontone, Daniele Andreini, Giovanni Ferro, Andrea Igores Guaricci, Marco Guglielmo, Saima Mushtaq, Andrea Baggiano, Patrizia Carità, Mauro Pepi, Gianluca Pontone, Milan, Italy

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

Session #1159

#### Nuclear Cardiology: Prognosis

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

207 - The Prognostic Value of Serial Stress Myocardial Perfusion Imaging in Asymptomatic End-Stage Renal Disease Patients Awaiting Kidney Transplantation

Chiedozie Anokwute, Ibtihaj Fughhi, Marwan Wassouf, Michael Kharouta, Tania Campagnoli, Aviral Vij, George khoudary, Rozi Khan, Meron Teshome, Andrew Appis, Rami Doukky, Rush University Medical Center, Chicago, IL, USA

208 - The Prognostic Value of Diastolic and Systolic Mechanical Left Ventricular Dyssynchrony Among Patients With Coronary Heart Disease  
Marat Fudim, Peter R. Liu, Linda Shaw, Paul Hess, Olga James, Salvador Borges-Neto, Duke University, Durham, NC, USA

209 - Serial Myocardial Perfusion Imaging in End-Stage Renal Disease  
William Edward Moody, Erica Lai Sze Lin, Emer Chang, Nicola Edwards, Benjamin Holloway, Charles Ferro, Jonathan Townend, Richard Steeds, Queen Elizabeth Hospital Birmingham, Birmingham, United Kingdom, University of Birmingham, Birmingham, United Kingdom

210 - Rest Myocardial Perfusion Imaging in the Management of Chest Pain: A Feasible and Secure Protocol in a Brazilian Emergency Department

Lucas Cronemberger Maia Mendes, Sebastiao L. L. Filho, Heleno R. Reis, Ludmilla R. A. Silva, Edmur C. Araujo, Carlos J. D. G. Barbosa, Hospital do Coração do Brasil, Brasília, Brazil

211 - Myocardial Scar but Not Ischemia Predicts Defibrillator Shocks and Sudden Cardiac Death in Patients With Reduced Left Ventricular Ejection Fraction

Ankur Gupta, Meagan Harrington, Navkaranbir Bajaj, Christine Albert, Jon Hainer, Victoria Morgan, Courtney Foster, Paco Bravo, Sara Seidelmann, Tomas Vita, Thomas Christensen, Sharmila Dorbala, Ron Blankstein, Viviany Taqueti, William Stevenson, Marcelo F. Di Carli, Brigham and Women's Hospital, Boston, MA, USA

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

#### Session #1160

#### Emerging Applications of Echocardiography

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

214 - Dilated Mid-Ascending Aorta in Hypertrophic Cardiomyopathy Is Associated With Dynamic Left Ventricular Outflow Tract Obstruction and Not With Genetic Abnormalities

Lily Ann Walson, Afshan Husain, Mirza Mujadil Ahmad, Mirza Nubair Ahmad, Michelle Bush, Khawaja Afzal Ammar, Bijoy K. Khandheria, A. Jamil Tajik, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

212 - A New Modified Continuity Equation for Calculation of Aortic Valve Area by Integrating 3-D Measurements of LVOT Planimetry and LVOT Flow Mapping

Sunil Kanwal, Isheeka Tamali Edwards, Mark Russo, Bruce Haik, Marc Cohen, Chunguang Chen, Newark Beth Israel Medical Center, Newark, NJ, USA

215 - Clinical Characteristics and Changes of Valvuloarterial Impedance Severity in Patients Undergoing Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis

Aarti A. Patel, Vishal Parikh, Allen Brown, Joseph Coffman, Fadi Matar, Christiano Caldeira, Robert Hooker, J. Thompson Sullebarger, Kevin Kip, Arthur Labovitz, Allan Chen, University of South Florida Department of Cardiovascular Sciences, Tampa, FL, USA

216 - Ratio of Transmittal Early Filling Velocity to Early Diastolic Strain Rate Predicts Long Term Risk of Cardiovascular Morbidity and Mortality in a Low Risk General Population

Mats Højbjerg Lassen, Sofie R. Biering-Sørensen, Flemming Javier Olsen, Rasmus Mogelvang, Jan Jensen, Tor Biering-Sørensen, Gentofte Hospital, Hellerup, Denmark

217 - Global Longitudinal Strain Corrected by RR-Interval Is a Superior Predictor of All-Cause Mortality in Patients With Systolic Heart Failure and Atrial Fibrillation

Daniel Modin, Morten Sengeløv, Peter Jørgensen, Niels Eske Bruun, Flemming Javier Olsen, Maria Dons, Thomas Fritz-Hansen, Jan Jensen, Tor



Biering-Sorensen, Department of Cardiology, Gentofte University Hospital, Gentofte, Denmark

218 - The Relation Between Atrial Septal Defect Area, Diameter and Shape Using Balloon Sizing and Three-Dimensional Transoesophageal Echocardiography During Percutaneous Closure Using Occlutech Device  
William K. F. Kong, The National University Heart Centre Singapore, Singapore, Singapore

219 - Functional and Hemodynamic Response During Exercise in Heart Failure Intermediate Versus Reduced Ejection Fraction  
Vincenzo Tufaro, Francesco Bandera, Greta Generati, Eleonora Alfonzetti, Marco Guazzi, IRCCS Policlinico San Donato, San Donato Milanese, Italy

220 - Echocardiographic Assessment of Right Ventricular Function in Acute Right Ventricular Failure Identified by Hemodynamic Criteria  
Veraprasas Kittipibul, Pakpoom Tantrachoti, Sanitpong Fongjunsom, Nath Zungsontiporn, Aekarach Ariyachaipanich, Sarawut Siwamogatham, Sarinya Puwanant, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand, Chula Cardiac Center, King Chulalongkorn Memorial Hospital, Bangkok, Thailand

213 - Direct Comparison of Aortic Valve Area by 3-D TEE Planimetry and 4-D Dynamic Cardiac CT Planimetry  
Sunil Kanwal, Isheeka Tamali Edwards, Mark Russo, Bruce Haik, Marc Cohen, Chunguang Chen, Newark Beth Israel Medical Center, Newark, NJ, USA

221 - Effect of Changing Strain Software Versions on Longitudinal Assessment of LV Function  
Tomoko Negishi, Kazuaki Negishi, koji kurosawa, Krasimira Hristova, Julie Lemieux, Svend Aakhus, Martin Penicka, Bogdan Popescu, Dragos Vinereanu, Goo-Yeong Cho, Paaladinesh Thavendiranathan, Thomas Marwick, Menzies Institute for Medical Research, Hobart, Australia

222 - Dobutamine Stress Echocardiography as a Predictor of Cardiovascular Morbidity and Mortality Post Orthotopic Liver Transplantation  
Akanksha Agrawal, Andre Macedo Dias, Deepanshu Jain, Vincent Figueredo, Albert Einstein Medical Center, Philadelphia, PA, USA

223 - Trends in Cardiac Imaging in Patients Receiving Cardiotoxic Chemotherapy  
Toral Patel, Sadeer Al-Kindi, Guilherme Oliveira, Department of Medicine, University Hospitals Cleveland Medical Center, Cleveland, OH, USA, Harrington Heart and Vascular Institute, University Hospitals Case Medical Center, Cleveland, OH, USA

224 - HEART Score Classification and Predictive Accuracy of Stress Echocardiography in a Contemporary ED Observation Unit Cohort  
James Kogut, Mehrdad Ghahramani, Matthew Nudy, Ian Gilchrist, Brandon Peterson, Andrew Foy, Hershey Medical Center, Hershey, PA, USA

226 - Association Between Global Echocardiography-Based Cardiac Calcium Score and the Clinical Outcomes After Transcatheter Aortic Valve Replacement  
Vira Avzenbart, Paula Strassle, Cassandra Ramm, Siyuan Sheng, John Vavalle, University of North Carolina, Chapel Hill, NC, USA

225 - Understanding the Role of Strain Imaging in the Early Detection of Chagas Cardiomyopathy  
Daniel M. Alveshmerni, Patrick Green, Gustavo Duran, Margaret Prust, Freddy Tinajeros, Manuela Verastegui, Holger Mayta, Jorge Flores, Carballo Paula, Lola Camila, Caryn Bern, Thomas Crawford, Robert Gilman, Theodore Kolia, Division of Cardiology, University of Michigan Health System, Ann Arbor, MI, USA, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD, USA

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

#### Session #1161

#### Non Invasive Imaging: Expanding Clinical Applications

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

227 - The Utility of Left Atrial Appendage Hounsfield Unit and the Ratio of Left Atrial Appendage/Ascending Aorta Hounsfield Unit for Detecting Left Atrial Appendage Thrombus

Kazuhiro Osawa, Rine Nakanishi, Dong Li, Eranthi Jayawardena, Nicholas Kim, Sina Rahmani, Negin Nezarat, Hong Qi, Matthew Budoff, LA Biomed, Torrance, CA, USA

228 - Computed Tomographic Angiography Can Reliably Assess Epicardial Coronary Vasoreactivity in Response to Adenosine and Dobutamine  
Attila Feher, Stendahl C. John, Nabil Boutagy, Eva Romito, Chi Liu, Albert J. Sinusas, Yale University, New Haven, CT, USA

229 - Non-Contrast Quantification of Myocardial Fibrosis With Dual Energy Computed Tomography

Vidhya Kumar, Kevin Mcelhanon, Zhaobin Xu, Eric Beck, Xin He, Orlando Simonetti, Noah Weisleder, Subha Raman, The Ohio State University, Columbus, OH, USA

230 - Dual-Energy Coronary Computed Tomography Evaluation of High-Risk Atherosclerotic Plaque in Sudden Cardiac Death Patients: Validation with Histopathologic Gold Standard

Asim Rizvi, Fay Lin, Briain O. Hartaigh, Ji Hyun Lee, Donghee Han, Yao Lu, Mahn Won Park, Hadi Mirhedayati Roudsari, Subhi Al'Aref, Ashley Beecy, Khalil Anchouche, Kazuyuki Yahagi, Sho Torii, David Fowler, Robert Kutys, James Earls, Jessica M. Peña, James K. Min, Renu Virmani, Dalio Institute of Cardiovascular Imaging, NewYork-Presbyterian Hospital & Weill Cornell Medicine, New York, NY, USA

231 - Aortic Valve Calcification Predicts Paravalvular Aortic Regurgitation After Self-Expanding Transcatheter Aortic Valve Replacement

Ahmad Agha, Nisreen Ali, Shermeen Memon, Lara Bakhos, Khaled Dajani, Mark Rabbat, Ferdinand Leya, Mushabbar Syed, Loyola University Medical Center, Maywood, IL, USA

232 - Diagnostic Accuracy of Coronary Computed Tomography Angiography in Aortic Stenosis Patients Referred for Aortic Valve Replacement: Systematic Review and Meta-Analysis

Kongkiat Chaikriangkrai, Ghanshyam Palamaner Subash Shantha, Aref Bin Abdulhak, Rudhir Tandon, Musab Alqasrawi, Hye Yeon Jhun, Gardar Sigurdsson, University of Iowa Hospitals and Clinics, Iowa City, IA, USA

233 - Direct and Indirect Costs Comparison of Cardiac Diagnostic Pathway in Coronary Artery Disease: CCTA as the Optimal Gateway to ICA

Eelin Wilson, Kathy Hebert, Timothy Turco, Angela Johnson, Jeff Hersh, Mount Sinai West, St. Luke's and Beth Israel Hospitals, New York, NY, USA, GE Healthcare, Medical Affairs, Waukesha, WI, USA

234 - The Association of Ischemia on Single Photon Emission Computed Tomography-Myocardial Perfusion Image and Fractional Flow Reserve by Coronary Computed Tomographic Angiography

Rine Nakanishi, Kazuhiro Osawa, Indre Ceponiene, Glenn Huth, Jason Cole, Michael Kim, Negin Nezarat, Sina Rahmani, Dong Li, Christopher Dailing, Matthew Budoff, Los Angeles BioMedical Research Institute at Harbor UCLA Medical Center, Torrance, CA, USA

235 - Does Patient Prosthesis Mismatch Defined by CT LVOT Area Predict Downstream Clinical Outcomes?

John Mooney, Philipp Blanke, Stephanie Sellers, Danny Dvir, Neil Weissman, Susheel Kodali, Vinod Thourani, Hasan Jilaihawi, Omar Khalique, Rebecca Hahn, Craig Smith, Pamela S. Douglas, John Webb, Grover Rominder, Shaw-



Hua Kueh, Mickael Ohana, Chris Naoum, Philippe Pibarot, Aaron Crowley, Wael Jaber, Maria Alu, Rupa Caprihan, Michael Mack, Martin Leon, Jonathon Leipsic, Department of Radiology, St. Paul's Hospital, Vancouver, Canada

236 - Are There Sex Differences in Management of Coronary Artery Disease After Coronary CT Angiography?

Shinie Kuo, Judith Boura, Kavitha Chinnaiyan, Beaumont Health, Royal Oak, MI, USA

239 - Impact of Different Calcium Locations of Mitral Annulus and Aortic Valve Cusps on Risk of Conduction Disturbances After Transcatheter Aortic Valve Implantation

Yafim Brodov, Eli Konen, Mattia Di Segni, David Samooha, Ilya Novikov, Israel Barbash, Ehud Regev, Victor Guetta, Amit Segev, Paul Fefer, Johnathan Grossman, Fernando Chernomordik, Michael Glikson, Orly Goitein, Sheba Medical Center, Ramat Gan, Israel

240 - Prevention of Contrast-Induced Nephropathy for Computed Tomography (CT)-Scanning in TAVR Work-Up: One-Hour Hydration With Sodium Bicarbonate Is Not Inferior to 24-Hour Saline Hydration

Martijn Stefan van Mourik, Floortje Van Kesteren, Esther M. A. Wiegerinck, R. Niels Planken, Jan Baan, Maartje Vis, Heartcenter - Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands

241 - Left Atrial Appendage Occlusion Facilitated by Three Dimensional Rotational Angiography Alone Is Safe and Anatomically Superior to Trasesophageal Echocardiography

Sofia Chatzikyriakou, Etel Silva Garcia, Martin Penicka, Guy Van Camp, Peter Geelen, Tom De Potter, Cardiovascular Centre, Aalst, Belgium

242 - Computed Tomography-Derived Corrected Contrast Opacification Decrease Predicts Reduced Relative Flow Reserve Derived From PET Myocardial Perfusion Imaging

Dominik C. Benz, Christoph Gräni, Paola Ferro, Luis Neumeier, Michael Messerli, Oliver Gaemperli, Aju Paul Pazhenkottil, Philipp Kaufmann, Ronny Buechel, University Hospital Zurich, Zurich, Switzerland

### Non-Certified Industry Events - Learning Destinations Session #4204

#### Thrombosis - AFib: An Exploration in Risk Reduction

Friday, March 17, 2017, 1:30 p.m. - 2 p.m.

Expo Hall 1357

CME Hours: /CNE Hours:

1:30 p.m.

Thrombosis - AFib: An Exploration in Risk Reduction

### Prevention - Poster Contributions

#### Session #1146

#### Novel Mechanical Devices for the Treatment and Assessment of Hypertension

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

033 - Endovascular Carotid Barostimulation for Resistant Hypertension: A Safety and Proof-of-Principle Cohort Study

Wilko Spiering, Jan Van der Heyden, Abraham Kroon, Anton van den Meiracker, Chandan M. Devireddy, Malcolm Foster III, Magdi Ghali, Farrell Mendelsohn, Hannes Reuter, John Reilly, Mark Bates, University Medical Center Utrecht, Utrecht, The Netherlands

034 - Blood Pressure Response to Catheter-Based Renal Sympathetic Denervation in Patients With Resistant Hypertension: Data From a National Multicenter 1-Year-Follow-Up Study

Konstantinos P. Tsioufis, Antonios Ziakas, Kyriakos Dimitriadis, P. Davlouros, Maria Marketou, Alexandros Kasiakogias, Athanasios Kordalis, Lefki Nikolopoulou, Costas Thomopoulos, D. Petroglou, Dimitris Tsiachris, Michail

Doumas, Charalampos Karvounis, Dimitrios Alexopoulos, Panagiotis Vardas, Ioannis Kallikazaros, Christodoulos I Stefanadis, Vasilios Papademetriou, Dimitris Tousoulis, First Cardiology Clinic, National and Kapodistrian University of Athens, Hippokration Hospital, Athens, Greece

035 - Introduction of the CALM II Study: A Multi-Center, Blinded, Sham-Controlled Pivotal Trial of an Endovascular Carotid Barostimulation Implant for the Treatment of Resistant Hypertension

Bryan Williams, Gregg Stone, University College of London, London, United Kingdom

036 - Insights on Diastolic Dysfunction of Treated Hypertensive Patients: Focusing on Hypertension Control & Treatment Resistance

Dimitris Konstantinidis, Konstantinos Tsioufis, Alexandros Kasiakogias, GEORGIOS GEORGIOPOULOS, nikolaos Vogiatzakis, VOULA PYLARINOU, Konstantinos Kyriazopoulos, Anastasios Milkas, Anastasios Frantzeskakis, Ioannis Kallikazaros, Dimitrios Tousoulis, First Cardiology Clinic, University of Athens, Hippokration Hospital, Athens, Greece

037 - Antihypertensive Treatment Failure Not Attributable to Persistent Intravascular Fluid Retention as Determined by MRI-Measured Intracardiac Volumes

Alejandro Velasco, Mohammed Siddiqui, Steven Lloyd, Suzanne Oparil, David Calhoun, University of Alabama at Birmingham, Birmingham, AL, USA

038 - Acquisition of Time-Resolved Brachial Pressure Waveforms From Cuff-Based Pulse Volume Recordings

Timothy S. Phan, Jumana Dakka, Amer Ahmed Syed, Izzah Vasim, Harry G. Oldland, Uzma Kewan, Scott R. Akers, Julio A. Chirinos, University of Pennsylvania, Philadelphia, PA, USA

### Prevention - Poster Contributions

#### Session #1147

#### Measuring Success in Cardiac Rehabilitation

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

039 - Increasing Cardiac Rehabilitation Program Referrals: A Clinic-Based Intervention

Lorrel E. Brown, Gregory Brislin, Jo Carol Stephens, University of Louisville, Louisville, KY, USA

040 - Success of a Home-Based Cardiac Rehabilitation Program in a Population of Nearly 4 Million

Eleanor G. Levin, Sonja von Coll, Richard Dlott, Kaiser Permanente Northern California, Oakland, CA, USA

041 - Search for the Super-Responder: Progressive Increases in Fitness and an Association With Lower Mortality

Sergey Kachur, Amy McNeal, Alban De Schutter, Carl Lavie, Ross Arena, Richard Milani, John Ochsner Heart and Vascular Institute, Ochsner Clinic Foundation, New Orleans, LA, USA, Ocala Regional Medical Center, Ocala, FL, USA

042 - Stair Step Test and Sitting Rising Chair Test as Predictors of Maximal Oxygen Uptake

Luiz Eduardo Fonteles Ritt, Jessica Porto, Thaissa Claro, Daniela Cavalcante, Cristiane M. Feitosa, Eloisa Prado, Gustavo F. Feitosa, Eduardo Darze, Hospital Cardio Pulmonar, Salvador, Brazil

043 - Wrist Activity Tracking Devices and Support Programs: A Meta-Analysis

Muhammad Soubhi Azzouz, Amer Kadri, Hemantha Koduri, Arun Kanmanthareddy, Toufik Mahfood Haddad, Aiman Smer, Venkata Alla, Creighton University, Omaha, NE, USA, Cleveland Clinic, Cleveland, OH, USA

044 - Acute and Sub-Acute Hemodynamic Effects of Restorative Yoga



Ashok Pandey, Nisar Huq, Cambridge Cardiac Care Centre, Cambridge, Canada

### Prevention - Poster Contributions

Session #1148

#### Current Issues in Cardiovascular Epidemiology, Disparities, and Safety

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

045 - Influenza Epidemics Are Associated With an Increased Risk of Ventricular Arrhythmia Therapies in Patients With Implantable Cardiac Defibrillators or Cardiac Resynchronization Therapy Defibrillators  
Mohammad Madjid, Allison T. Connolly, Yelena Nabutovsky, Payam Safavi-Naeini, Charles C. Miller, University of Texas at Houston Health Science Center, Houston, TX, USA, St. Jude Medical, Sylmar, CA, USA

046 - Prevalence and Clinical Significance of Electrocardiographic Abnormalities in General Population Older Than Forty Years  
Paula Awamleh, Rosa Maria Jimenez, Jose Maria Serrano Antolin, Alejandro Curcio, Juan Jose Gomez-Doblas, Javier Muniz, Joaquin Alonso, Eulalia Roig, Catherine Graupner, Pedro Talavera, Carmen Cristobal, Getafe University Hospital, Madrid, Spain, Fuenlabrada University Hospital, Madrid, Spain

047 - ECG Referral by a Cardiologist Is Associated With Life-Saving Effect in a Large Tertiary Healthcare System Patient Population  
Larisa G. Tereshchenko, Jason Thomas, Allison Junell, Charles Henrikson, Oregon Health and Science University, Portland, OR, USA

048 - Sudden Cardiac Death Risk Distribution in the United States Population: Results From the National Health and Nutrition Examination Survey (NHANES), 2005-2012  
Kristoff Olson, Faraz Ahmad, Brittany Bogle, Hongyan Ning, Jeffrey Goldberger, Donald Lloyd-Jones, Northwestern University, Chicago, IL, USA, University of Miami, Miami, FL, USA

049 - Prevalence of Cardiomyopathy in the Korean Population  
Shin Yi Jang, Su Ra Seo, Eun-Kyung Kim, Duk-Kyung Kim, Seung Woo Park, Sang-Chol Lee, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, South Korea

051 - In-Hospital Outcomes and Hospitalizations for Acute Rheumatic Heart Disease: A United States National Study  
Srikanth Yandrapalli, Sohaib Tariq, Venkat Lakshmi Kishan Vuddanda, Abdallah Sanaani, Zeeshan Solangi, Viswajit Reddy Anugu, Pratik Mondal, Merita Shehu, Sachin Sule, Wilbert Aronow, New York Medical College at Westchester Medical Center, Valhalla, NY, USA

052 - Prevalence and In-Hospital Outcomes of Uremic and Dialysis Pericarditis: A United States National Study  
Srikanth Yandrapalli, Gabriela Andries, Viswajit Reddy Anugu, Zeeshan Solangi, Sohaib Tariq, Pratik Mondal, Venkat Lakshmi Kishan Vuddanda, Wilbert Aronow, Sachin Sule, Howard Cooper, Savneek Chugh, New York Medical College at Westchester Medical Center, Valhalla, NY, USA

050 - The SHIVA Follow-Up Study: 10-Year Incidence Rates of Cardiovascular Events in South Asian Descendants in the Netherlands  
Sanjay Nandkoemar Gobardhan, Pranobe Oemrawsingh, Martin J. Schalij, Leiden University Medical Center, Leiden, The Netherlands

053 - Incidence of Bacterial Endocarditis in Relation to Changes in Guidelines  
Abel E. Moreyra, Nora M. Cosgrove, Xinbei Yang, Sasha-Ann East, John B. Kostis, Yirui Hu, William J. Kostis, for the MIDAS Study Group, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

054 - Lipid Abnormalities in Young Patients With Myocardial Infarction

Bradley Collins, Avinainder Singh, Arman Qamar, Sanjay Divakaran, Josh Klein, Jon Hainer, Petr Jarolim, Ravi Shah, Jorge Plutzky, Donna Polk, Marcelo F. Di Carli, Khurram Nasir, Deepak Bhatt, Ron Blankstein, Brigham & Women's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

056 - Health Disparities Among Patients With Familial Hypercholesterolemia in the CASCADE-FH Patient Registry  
Stephen M. Amrock, Bart Duell, Thomas Knickelbine, Seth Martin, Peter Shrader, Emily O'Brien, Karol Watson, Joanna Mitri, Iris Kindt, Joshua Knowles, Zahid Ahmad, on behalf of the CASCADE-FH Investigators, Oregon Health & Science University, Portland, OR, USA

057 - Undertreatment of Female Patients in Lipid-Lowering for Secondary Prevention in Europe, Canada, South-Africa, Middle East and China: Results of the Dyslipidemia International Study (DYSIS)  
Anselm K. Gitt, Dominik Lautsch, Martin Horack, Philippe Brudi, Larry Liu, Jean Ferrières, DYSIS-Study-Group, Herzzentrum Ludwigshafen, Ludwigshafen, Germany, Institut für Herzinfarktforschung Ludwigshafen, Ludwigshafen, Germany

058 - Sex Differences in the Risk Factors for Endothelial and Microvascular Dysfunction in Patients With Angina in the Absence of Obstructive Coronary Artery Disease  
Vedant Pargaonkar, Yuhei Kobayashi, Takumi Kimura, David Lee, Marcia Stefanick, William Fearon, Alan Yeung, Jennifer Tremmel, Stanford University School of Medicine, Stanford, CA, USA

055 - Women Who Experience Myocardial Infarction at a Young Age Have Worse Survival Compared With Men  
Bradley Collins, Avinainder Singh, Arman Qamar, Sanjay Divakaran, Julio Baez, Josh Klein, Jon Hainer, Petr Jarolim, Ravi Shah, Jorge Plutzky, Donna Polk, Khurram Nasir, Marcelo F. Di Carli, Deepak Bhatt, Ron Blankstein, Brigham and Women's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

059 - Investigating the Smoker's Paradox by Gender: Differences in Survival Following Acute ST-Segment Elevation Myocardial Infarction  
Lloyd Steele, James Palmer, Amelia Lloyd, James Fotheringham, Javaid Iqbal, Ever Grech, University of Sheffield, Sheffield, United Kingdom, South Yorkshire Cardiothoracic Centre, Northern General Hospital, Sheffield, United Kingdom

060 - (In)Equity in Primary Prevention Statin Treatment Among Diabetics  
Christopher Latanich, Shermeen Memon, Sara Sirna, Loyola University Medical Center, Maywood, IL, USA

061 - Ethnicity, Marital Status, and Neighborhood Poverty Influence Resuscitation of Out-of-Hospital Sudden Unexpected Deaths  
Brian Simpson, Golsa Joodi, Kyaw Min Khant, Sarah Chen, Mariya Husain, Feng-Chang Lin, Irion Pursell, Ross Simpson, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA, Department of Internal Medicine, East Carolina University, Greenville, NC, USA

062 - Nativity Status and Cardiovascular Disease Mortality Among Hispanics  
Fatima Rodriguez, Katherine Hastings, Jiaqi Hu, Robert Harrington, Latha Palaniappan, Stanford University, Stanford, CA, USA

063 - Socioeconomic Environment and Digital Health Tool Usage and Outcomes: Is There a Digital Divide?  
Conor Senecal, Robert Widmer, Kent Bailey, Amir Lerman, Mayo Clinic, Rochester, MN, USA

064 - Smoking Cessation Therapies Are Persistently and Significantly Underutilized Among Hospitalized Smokers With Coronary Heart Disease  
Quinn R. Pack, Aruna Priya, Tara Lagu, Penelope Pekow, Nancy Rigotti, Peter Lindenaier, Baystate Medical Center, Springfield, MA, USA, Massachusetts General Hospital, Boston, MA, USA



065 - Increased Risk of Acute ST-Segment Myocardial Infarction in Female Smokers: A Contemporary Demographic Study  
James Palmer, Amelia Lloyd, Lloyd Steele, James Fotheringham, Dawn Teare, Javid Iqbal, Ever Grech, South Yorkshire Cardiothoracic Centre, Sheffield, United Kingdom, The Medical School, University of Sheffield, Sheffield, United Kingdom

066 - Underutilization of Statin Therapy Among Participants in a Lung Cancer Screening Program With a High Incidence of Cardiovascular Events  
Kristopher Swiger, Eric Farber-Eger, Benjamin Holmes, Jeffrey Carr, Kim Sandler, Daniel Munoz, Freiberg Matthew, Vanderbilt University Medical Center, Nashville, TN, USA

067 - Potentially Inappropriate Home Medications Among Older Patients With Cardiovascular Disease Admitted to a Cardiology Service in USA  
Marwan Sheikh-Taha, Hani Dimassi, Lebanese American University, Beirut, Lebanon, Huntsville Hospital, Huntsville, AL, USA

068 - Reduced Risk of NSAID Induced Adverse Events With Concomitant Use of Misoprostol  
Mark A. Munger, Scott D. Nelson, Chia-Chen Teng, Adam Bress, Brian C. Sauer, University of Utah, Salt Lake City, UT, USA, Salt Lake City Veterans Affairs Medical Center, Salt Lake City, UT, USA

069 - Use of Recommended and Contraindicated Statins in HIV Patients  
Robert S. Rosenson, Ben Taylor, Ligong Chen, Lisandro Colantonio, Allison Ellman, Greer Burkholder, Paul Muntner, Icahn School of Medicine at Mount Sinai, New York, NY, USA

070 - A Retrospective Descriptive Analysis of PCI Patients by Indication for Treatment, Comorbidities, and Lipid Therapy Using Real-World, Linked NCDR Registry and Pharmacy Claims Data  
Keri L. Monda, John Acquavella, David Smith, Patrick Stewart, Thomas Maddox, Steven Bradley, Gregory Hess, Amgen, Inc., Thousand Oaks, CA, USA, Symphony Health Solutions, Conshohocken, PA, USA

### **Pulmonary Hypertension and Venous Thrombo-embolic Disease - Poster Contributions**

#### **Session #1141**

#### **Updates on Pulmonary Embolism Management in 2017**

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

002 - Rapid Improvement in Right Ventricular Systolic Function in Patients With Pulmonary Embolism Treated With Ultrasound-Assisted Catheter Directed Thrombolysis  
Amanda Ribbeck, Saurabh Malhotra, David Zlotnick, University at Buffalo, Buffalo, NY, USA

003 - Diuretics Versus Fluid Loading in Acute Submassive Pulmonary Embolism

Elie Dan Schouver, Olivier Chiche, Priscille Bouvier, Denis Doyen, Pierre Cerboni, Pamela Mocerri, Emile Ferrari, Chu Pasteur, Nice, France

004 - Comparisons of Three Bleeding Scores for Acute and Six Months Major Bleeding in Patients With Pulmonary Embolism

Slobodan Dusan Obradovic, Boris Dzudovic, Bojana Subotic, Danijela Vranes, Nenad Ratkovic, Military Medical Academy, Belgrade, Serbia and Montenegro

005 - The Long-Term Prognostic Value of Highly Sensitive Cardiac Troponin I in Patients With Acute Pulmonary Embolism

Katherine T. Lee Chuy, Emad Hakemi, Tareq Alyousef, Geetanjali Dang, Rami Doukky, John H. Stroger, Jr. Hospital of Cook County, Chicago, IL, USA

006 - Evaluation of Right Ventricular Strain by Echocardiography, Computed Tomography, and Electrocardiography in Patients With Acute Pulmonary Embolism

Brett Carroll, Dominique DaBreo, Jason Matos, Benedikt Heidinger, Donya Mohebali, Stephanie Feldman, Ian McCormick, Diana Litmanovich, Warren Manning, Beth Israel Deaconess Medical Center, Boston, MA, USA

007 - Does Thrombolysis Reduce Mortality in Patients With Intermediate Risk Pulmonary Embolism? A Trial Sequential Analysis

Rhian E. Davies, Andrew Foy, Ian Gilchrist, Penn State Milton S. Hershey Medical Center, Hershey, PA, USA

008 - Ultrasound Accelerated Catheter Directed Lytic Therapy for Management of Pulmonary Embolism: Impact of Procedural Timing on Echocardiographic Outcomes and Safety

Elias A. Iliadis, Nayan Desai, John Trujillo, Xin Zhang, Simon Topalian, Brian Corbett, Janah Aji, Cooper University Hospital, Camden, NJ, USA

### **Special - Poster Contributions**

#### **Session #1169**

#### **FIT Clinical Decision Making: Prevention, Adult Congenital and Congenital Heart Disease**

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

363 - Iatrogenic Diversion of Inferior Vena Cava to Left Atrium After Surgical Closure of Atrial Septal Defect

Aditi Singhvi, Arun Agarwal, Jonathan Hammond, Immad Sadiq, Shailendra Upadhyay, Konstadina Darsaklis, Hartford Hospital, Hartford, CT, USA, University of Connecticut, CT, USA

365 - Cor Triatriatum: A Tale of Two Membranes

Tamika Rozema, Jill Shivapour, Christopher Snyder, Rainbow Babies and Children's Hospital, Cleveland, OH, USA

366 - Delivery and Management of Complete Ectopia Cordis: A Multidisciplinary Approach

Angela Kelle, Muhammad Qureshi, Joseph A. Dearani, Christopher Moir, Carl H. Rose, Jane M. Matsumoto, Frank Cetta, Jonathan Johnson, Mayo Clinic, Rochester, MN, USA

367 - Giant Right Coronary Artery Aneurysm Associated With a Coronary Cameral Fistula to the Right Atrium

Adam Bierzynski, Yunjung Pak, Satjit Bhusri, Itzhak Kronzon, Lenox Hill Hospital Northwell Health System, New York, NY, USA

368 - Partial Anomalous Pulmonary Venous Connection Presenting as Eisenmenger's Syndrome

Harsh Thakkar, Martin Sebastian, Maitri Munsif, Barwon Health, Geelong, Australia

369 - Recurrent Atrial Myxomas of Carney Complex: Pleading the Fifth  
Adam Carlisle, Maan Jokhadar, Sonjoy Laskar, Emory University, Atlanta, GA, USA

370 - Successful Hybrid Procedure in a Case of Unrepaired Hypoplastic Left Heart Syndrome

Nathanya Baez Hernandez, Joanna Lowisz, Rupali Gandhi, Advocate Children's Hospital, Oak Lawn, IL, USA

371 - Valvuloplasty in Woman With Heterotaxy Syndrome

Robert Richmond, Armaan Shaikh, Suhail Allaqaband, Daniel O'Hair, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

372 - Severe Ebstein's Anomaly Successfully Palliated With the Starnes Procedure



Joanna Ganczar, Nathanya Baez Hernandez, Rupali Gandhi, Advocate Children's Heart Institute, Oak Lawn, IL, USA

373 - Exertional Hypoxemia in levo-Transposition of the Great Arteries (l-TGA) and Pulmonary Stenosis Due to Pulmonary Artery Conduit Stenosis and Atrial Septal Defect

Joanna M. Joly, Arka Chatterjee, Marc Cribbs, Mark Law, University of Alabama at Birmingham, Birmingham, AL, USA, Children's of Alabama, Birmingham, AL, USA

374 - Melody Valve Placement for Mitral Valve Dysplasia Syndrome  
Oluwatosin Fatusin, Sitaram M. Emani, Lindsay Freud, Wayne Trowetzky, Boston Children's Hospital, Boston, MA, USA

375 - Azygos Vein Isolation as Treatment for a Complex Case of Atrial Arrhythmia  
Amber Boler, Christopher McLeod, Mayo Clinic, Rochester, MN, USA

376 - Exit Procedure for Fetal Mediastinal Teratoma With Large Pericardial Effusion  
Arpit Agarwal, Eliot Rosenkranz, Sethuraman Swaminathan, Jackson Memorial Hospital, Miami, FL, USA, University of Miami, Miami, FL, USA

377 - 'Coughing Up of Lung Tissue': A Rare Case of Plastic Bronchitis  
Shreya Ghetiya, Aref Obagi, Dawn Calderon, Jersey Shore University Medical Center, Neptune, NJ, USA

378 - Important Hemodynamic Considerations in the Management of an Adult With Unrepaired Pentalogy of Fallot Presenting With Necrotizing Fasciitis and Sepsis  
Sihong Huang, Daniel Nguyen, Varun Maheshwari, Jasmin Sahbaz, Alexandra Byrne, Geoffrey Rosenthal, Stacy Fisher, University of Maryland School of Medicine, Baltimore, MD, USA

379 - Coronary Cameral Fistulas and Coronary Artery Aneurysms in a Patient With Acute Heart Failure: A Hybrid Case  
Adam Taleb, Mayank Sardana, Yutthapong Temtanakitpaisan, Mohammed Akhter, University of Massachusetts, Department of Medicine, Division of Cardiology, Worcester, MA, USA

380 - Double Chambered Right Ventricle Causing RVOT Obstruction in Adulthood: It Is Not Pulmonary Hypertension!  
Ibrahim Osman, Robert Hartman, Charlie Sang, Bogdan C. Marcu, East Carolina University, The Brody School of Medicine, Department of Cardiovascular Sciences, Greenville, NC, USA

381 - Platypnea-Orthodeoxia in a Leukemia Patient With a Tricuspid Valve Mass  
David Berg, Nicholas A. Marston, Hari Mallidi, James Kirshenbaum, Brigham and Women's Hospital, Boston, MA, USA

382 - Perivalvular Leak in Repaired Tetralogy of Fallot  
Pujan Patel, Dmitry Yaranov, Valeria Edit Duarte, Brandon Kuebler, Jose Ettegui, University of Florida College of Medicine-Jacksonville, Jacksonville, FL, USA

383 - Left Ventricular Dilation: Patent Ductus Arteriosus Versus Chronic Severe Mitral Regurgitation  
Hiten R. Patel, Upamanyu Rampal, Kunal Patel, Faye Shamoan, Irvin Goldfarb, Mahesh Bikina, New York Medical College, Saint Joseph's Regional Medical Center, Paterson, NJ, USA, New York Medical College, Saint Michael's Medical Center, Newark, NJ, USA

384 - Bacterial Endocarditis in a Patient With Repaired Tetralogy of Fallot: A Rare Case of a Homograft Right Ventricle to Pulmonary Artery Conduit Acute Obstruction  
Shudhanshu Alishetti, Daniel Karlsberg, Nam Tran, Gary Milechman, Glenn Egrie, CPMC, San Francisco, CA, USA

386 - Ebstein's Anomaly: Atypical Variant Presenting in Adulthood  
Sushan Yang, Jared O'Leary, Mark Lawson, Marvin Kronenberg, Vanderbilt University, Nashville, TN, USA

387 - New-Onset Platypnea Orthodeoxia and Old Patent Foramen Ovale: Close It or Not to Close It?  
Mehdi Rambod, William Hopkins, Martin LeWinter, Prospero Gogo, University of Vermont College of Medicine, Burlington, VT, USA

388 - Closure of a Ventricular Septal Defect Complicated by Hemolysis Requiring Transcatheter Retrieval of Amplatzer Occluder  
Akanksha Thakkar, Ponraj Chinnadurai, Maan Malahfji, Gary Monteiro, John Breinholt, C. Huie Lin, Houston Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

389 - Endarteritis Complicating Aortic Coarctation Diagnosed by Transesophageal Echocardiogram  
Matthew Roby, Matthew Cauchi, Kari McCoy, John Lystash, Virginia Tech-Carilion School of Medicine, Roanoke, VA, USA

390 - Late Presentation of Total Anomalous Pulmonary Venous Connection  
Mohammad Thawabi, Sarah Studyvin, Amer Hawatmeh, Rajiv Verma, Marc Cohen, Newark Beth Israel Medical Center, Newark, NJ, USA

391 - Importance of Physical Exam in Identifying a Coronary-Cameral Fistula  
Daniel Wadsworth Groves, Sujata Shanbhag, Sara Kulangara, Andrew Arai, Marcus Chen, National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, MD, USA, Virginia Heart, Falls Church, VA, USA

392 - A Mistaken Case of Ventricular Septal Defect: Importance of Physical Examination  
Artem Astsaturov, Sameer Chaudhari, Chunguang Chen, Pankaj Madan, RWJ Newark Beth Israel Medical Center, Newark, NJ, USA

393 - A Biventricular Assist Device is an Effective Rescue Device After Cardiac Surgery  
Jamie Colombo, Peter Dean, Mark Roeser, University of Virginia, Charlottesville, VA, USA

394 - Chest Pain in a Patient With Anomalous Left Anterior Descending Coronary Artery, Myocardial Bridging and Vasoconstriction: Identification of the Culprit Etiology and Management of a Challenging Combination  
Michel Corban, Amy Pollak, Amir Lerman, Naser Ammash, Mayo Clinic, Rochester, MN, USA

395 - A Severe Case of Statin-Associated Autoimmune Myopathy  
Jay Khambhati, Marc Allard-Ratick, Eric Stahl, Ayman Samman Tahhan, Pratik Sandesara, Emory University School of Medicine, Atlanta, GA, USA

396 - Rapid Resolution of Tendon Xanthomas in Elder Heterozygous Familial Hypercholesterolemia Treated With Evolocumab  
Haruki Sekiguchi, Kayoko Sato, Hitoshi Kanno, Yamamoto Toshiyuki, Nobuhisa Hagiwara, Tokyo Women's Medical University, Tokyo, Japan, National Hospital Organization Yokohama Medical Center, Yokohama, Japan

397 - An Upside Down Perspective: Yoga Inversions in a Patient With Ascending Aortic Aneurysm  
Carlos Alberto Podesta, Jeffrey Lin, Gervasio Lamas, Columbia University Division of Cardiology at Mount Sinai Medical Center, Miami Beach, FL, USA

385 - The Geneticist With Unfortunate Genes: Coronary Artery Disease in Myotonic Dystrophy  
Shudhanshu Alishetti, Sweta Bodepudi, Andrew Rosenblatt, CPMC, San Francisco, CA, USA

398 - Statin-Induced Hepatitis in a Secondary Prevention Patient With Severe Hypercholesterolemia



Marcelo Bettge, Marcio Hiroshi Miname, Viviane Zorzaneli Rocha, Raul Dias dos Santos Filho, Brenno Rizerio, Heart Institute - Instituto do Coração (InCor), São Paulo, Brazil

364 - Right Ventricular Outflow Tract Obstruction Caused by Isolated Sinus of Valsalva Aneurysm

Aditi Singhvi, Arun Agarwal, Shailendra Upadhyay, Daniel Fusco, Konstadina Darsaklis, Hartford Hospital, Hartford, CT, USA

399 - An Interesting Case of Sudden Cardiac Death in a Patient With Tetralogy of Fallot

Gail Jones, Abigail Khan, Craig Broberg, Grant Burch, Ashok Muralidaran, Thomas Dewland, Luke Burchill, Oregon Health & Science University, Portland, OR, USA

400 - Unusual Presentation for Primary Bacterial Pericarditis

Nimisha Aggarwal, Rohan Kumthekar, Michael O'Byrne, Lowell Frank, Children's National Medical Center, Washington, DC, USA

401 - Too Close for Comfort: Aortopulmonary Fistula After Balloon Dilation in Arterial Switch With LeCompte Maneuver

Shashank Behere, Wolfgang Radtke, Christian Pizarro, Jeanne Baffa, Nemours/Alfred I duPont Hospital for Children, Wilmington, DE, USA

402 - An Unusual Aortic Arch Aneurysm Following Arterial Switch With Concern for Dissection

James Starc, Santosh Uppu, Mount Sinai Medical Center, New York, NY, USA

403 - A Heart Touched by Many Hands

Michelle L. Hadley, Massachusetts General Hospital, Boston, MA, USA, St. Vincent Hospital, Worcester, MA, USA

404 - Patent Ductus Arteriosus: An Unusual Cause of High Output Cardiac Failure in an Elderly Patient

Pratik K. Dalal, Chandra Kunavarapu, Michael Kwan, Pankaj Madan, Methodist Healthcare, San Antonio, TX, USA, University of Texas Health Science Center San Antonio, San Antonio, TX, USA

405 - Congenital Double-Chambered Left Ventricle Presenting as Monomorphic Ventricular Tachycardia

Sunita Sharma, Manisha Patel, Danya Dinwoodey, Christopher Pyne, G. Muqtada Chaudhry, Sherif Labib, Lahey Hospital and Medical Center, Burlington, MA, USA

406 - Hemitruncus Arteriosus: A Rare Case of Hypoxia in Pregnancy

Michael Andrew Lashner, Natasha Fonseka, Andrew Peters, Paul Forfia, Temple University Hospital, Philadelphia, PA, USA

407 - Scimitar Syndrome in an Adult With Multiple Unsuccessful Surgical Repairs

Hilda Mariana Gonzalez Bonilla, Stephanie C. Fuentes Rojas, Mahwash Kassi, Eric Yang, C. Huie Lin, Houston Methodist Hospital, Houston, TX, USA

408 - Combined Migraine and Platypnea-Orthodeoxia Syndrome Due to Combined Atrial Septal Defect and Patent Foramen Ovale

Mohamed Teleb, Harsh Agrawal, Aymen Albaghdadi, Ahmed Ibrahim, Waseem Shami, Sarmad Said, Sucheta Gosavi, Yuefeng Chen, Wael El Mallah, Texas Tech University Health Sciences Center, Paul L. Foster School of Medicine, El Paso, TX, USA

409 - Anomalous Origin of Right Coronary Artery From Contralateral Cusp With Hypercoagulable State

Rajiv Bartaula, Arbind Chaudhary, Rogin Subedi, Christy Gilman, Debanik Chaudhuri, SUNY Upstate Medical University, Syracuse, NY, USA

410 - 41-Year-Old Patient With Double Inlet Left Ventricle Without Pulmonic Stenosis Presenting With Eisenmenger's Syndrome

Harsh Agrawal, Poonam Velagapudi, Natraj Katta, Mayank Mittal, Sudarshan Balla, University of Missouri, Columbia, MO, USA

411 - Atrial Septal Defect Closure in a Patient With Pulmonary Hypertension  
John Neill, C. Huie Lin, The Methodist DeBakey Heart Center, Houston, TX, USA

412 - Bypass Grafts to Patent Coronary Arteries

Enrique Padilla Campos, Rahul Malik, Sorin Danciu, Cameron Haery, Allan Beall, Advocate Illinois Masonic Medical Center, Chicago, IL, USA

413 - Double Chamber Right Ventricle as a Complication of Ventricular Septal Defect

Efstathia Andrikopoulou, Robb Romp, David Cleveland, Marc Cribbs, University of Alabama Medical Center, Birmingham, AL, USA

414 - Sudden Cardiac Death: A Rare but Treatable Cause

Samreen Raza, University of Texas Southwestern, Dallas, TX, USA

415 - Mitral Regurgitation Secondary to Mitral Arcade in Two Brothers

Amina Adil, Fatima Samad, Zach Singsank, A. Jamil Tajik, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

416 - Percutaneous Coronary Intervention of a Recently Repaired Anomalous Left Coronary Artery Arising From the Pulmonary Artery in an Adult Patient

Carlos Luis Solano, Ashraf Abusara, R. David Anderson, Shands Hospital - University of Florida, Gainesville, FL, USA

418 - Palliative Care: A Critical Treatment Tool for Decision Making in Advanced Heart Disease

Jill M. Steiner, Karen Stout, Stephanie Cooper, University of Washington, Seattle, WA, USA

419 - Challenges During Pregnancy With Marfan Syndrome and an Ascending Aortic Aneurysm

Erika Jones, Meena Zareh, Rani Upadhyay, Christine Montesa, Elizabeth Sasso, Uri Elkayam, University of Southern California, Los Angeles, CA, USA

420 - Anomalous Left Coronary Artery Arising From Right Coronary Sinus With Interarterial Course

Brian Agbor-Etang, Hong Seok Lee, Sami Nazzal, Ramdas Pai, University of California, Riverside, Riverside, CA, USA, St. Bernardine Medical Center, San Bernardino, CA, USA

421 - Decision-Making in Congenitally Corrected Transposition of the Great Arteries

Meghan Tozzi, Ruchika Karnik, Robert Tozzi, Barry Love, Mount Sinai Medical Center, New York, NY, USA, Hackensack University Medical Center, Hackensack, NJ, USA

422 - Hyperthyroidism Unmasks a Symptomatic Anomalous Coronary Artery  
Stephanie Chen, Harshith Avula, Ann Sheridan, Kaiser Permanente Medical Center, San Francisco, CA, USA

423 - The Fontan Fiasco: Strategies for Thromboembolic Management

Monica Chugh, Barry Love, Mount Sinai, New York, NY, USA

424 - Asymptomatic Coronary Arteriovenous Fistula: When to Close?

Brandon William Calenda, Ujjwal Rastogi, Barry Love, Icahn School of Medicine at Mount Sinai, New York, NY, USA

425 - Calcium Sensitivity and Myocardial Function After Neonatal Cardiac Surgery

Pradeep Bangalore Prakash, Raj Shashi, University of Iowa Children's Hospital, Iowa City, IA, USA

426 - New Shortness of Breath, Old Problems



Amitabh C. Pandey, Jorge Gonzales, George Wesbey, Allen Johnson, Scripps Clinic, La Jolla, CA, USA

427 - A Mimicker of Rheumatic Heart Disease: Congenital Polyvalvular Disease

Kiran Venkatesh, Benjamin Chen, Jennifer Walker, Theo Meyer, Mohammed Akhter, University of Massachusetts Medical School, Worcester, MA, USA

428 - A Rush of Blood to the Head: Anomalous Superior Vena Cava Drainage to Left Atrium

Aditya Sood, Rajeev Sudhakar, Shaun Cardozo, Luis Afonso, DMC/Wayne State University, Detroit, MI, USA

429 - Coronary Artery Fistula in Pulmonary Atresia With Intact Ventricular Septum Physiology: To Close or Not To Close ?

Ahmed Kheiba, Ian Harris, Anushree Agarwal, Vaikom Mahadevan, Aarthi Sabanayagam, Phillip Moore, University of California, San Francisco, CA, USA

430 - An Interesting Case of Cor Triatriatum Dexter Facilitating Paradoxical Embolism and Ischemic Stroke

Rudin Gjeke, Augustine George, Murad Abdelsalam, Brett Milford, Karthik Mekala, St. Joe's Mercy Oakland, Pontiac, MI, USA

431 - Double Right Coronary Artery Engendering Inadequate Blood Supply to the Inferior Left Ventricular Wall

Mehran Abolbashari, Subrata Kar, Sucheta Gosavi, Waseem Shami, Sarmad Said, Yuefeng Chen, Ahmed Ibrahim, Mohamed Teleb, Harsh Agrawal, Division of Cardiology, Department of Internal Medicine, Paul L Foster School of Medicine, Texas Tech, El Paso, TX, USA

432 - An Unusual Cause of Atrial Fibrillation

Shuangbo Liu, James Tam, Malek Kass, University of Manitoba, Winnipeg, Canada

### Special - Poster Contributions

#### Session #1170

#### Innovations in Education

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

434 - ACC In-Training Examination Predicts Outcomes on the ABIM Certification Examination

Julia Indik, Lauren Duhigg, Furman McDonald, Rebecca Lipner, Steven Haist, Jonathan Rubright, Naomi Botkin, Jeffrey Kuvin, American College of Cardiology, Washington, DC, USA, USA

435 - Echo Milestones: A Novel Simulation-Based Echocardiography Competence Tool for Formative Assessment in Cardiology Training

Sherryn Rambihar, Matthew Lineberry, Gillian Nesbitt, Jeremy Edwards, Gera Kisselman, Yoon Soo Park, Ara Tekian, Ryan Brydges, University of Toronto, Toronto, Canada, University of Illinois at Chicago, Chicago, IL, USA

436 - Hands-On Transradial Access Skill Training on a Novel Cadaveric Model: Findings and Recommendations

Ebun Ebulomo, Luis Felipe Gomez, Nishant Patel, Joshua McKay, Ali Irshad, Thomas Loh, Rebecca Barnes, Brandi Peace, Melanie Lazarus, Alan Lumsden, C. Huie Lin, Houston Methodist DeBakey Heart & Vascular Center, Houston, TX, USA

437 - Update on the ABIM's Competency Based Pilot in Internal Medicine-Cardiology

Chittur A. Sivaram, Lisa Mendes, Julie Damp, Eric Stern, Deepak Bhakta, John McPherson, Shouvik Chakrabarty, Mitchell Goldman, University of Oklahoma, Oklahoma City, OK, USA, Vanderbilt University, Nashville, TN, USA

439 - A Novel Educational Approach for Novice Echocardiographers

David Anderson, Patricia O'Sullivan, Atif Qasim, UCSF Medical Center, San Francisco, CA, USA

440 - Fellow Outpatient Clinic: Discontinuing the Discontinuity

Peter Sambatakos, Julie Glickstein, Usha Krishnan, Mariellen Lane, Erin Paul, Gabriel Rama, Michael Satzer, Thomas Starc, Jennifer Tingo, Rachel Weller, Ranjini Srinivasan, New York Presbyterian - Columbia University Medical Center, New York, NY, USA

441 - On-Call Transthoracic Echocardiographic Interpretation by First Year Cardiology Fellows: Comparison With Experienced Readers

Aferdita Spahillari, Gene Quinn, Warren Manning, Beth Israel Deaconess Medical Center, Boston, MA, USA

442 - Associations Between Cardiology Fellowship Applicants' Characteristics and Subsequent Clinical Performance

Michael W. Cullen, Thomas J. Beckman, Kris Baldwin, Gregory J. Engstler, Jay Mandrekar, Christopher Scott, Kyle Klarich, Mayo Clinic, Rochester, MN, USA

443 - Coronary Angiography Simulation Training Improves Image

Interpretation Skills of Trainees Independent of Their Stage of Training  
Wei Xiang Wong, Balaji Natarajan, Wina Yousman, Jennifer Huang, Justin Lee, Karl Kern, Kwan Lee, Sarver Heart Center, Tucson, AZ, USA, University of Arizona, College of Medicine at South Campus, Tucson, AZ, USA

438 - Differing Interpretations of the ACGME Survey Questions by Cardiovascular Fellows and Cardiovascular Faculty

Chittur A. Sivaram, Candice Edwards, Faisal Latif, University of Oklahoma, Oklahoma City, OK, USA

444 - Decreasing Fluoroscopy Time for Percutaneous Coronary Intervention With Fellows in an Academic Training Program

Bradley Stauber, Wendy Foster, Garrett Wong, University of California, Davis, Sacramento, CA, USA

445 - MurmurQuiz: A Tool for Cardiac Auscultation Training and Evaluation

Gary S. Beasley, Reid Thompson, Johns Hopkins Hospital, Baltimore, MD, USA

446 - Beat Blasts: A Multicenter Study of an Electrocardiogram Email Curriculum for Medicine Residents

Andrew J. Klein, Mark Berlacher, Jesse A. Doran, Kathryn Berlacher, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

447 - Teaching Tomorrow's Teachers: An Innovative Model of Clinician-Educator Development for Trainees

Shashank S. Sinha, Craig Alpert, Michael Cullen, Kristin West, Joyce Donnellan, Janice Sibley, Shalom Jacobovitz, Patrick O'Gara, Kim A. Eagle, University of Michigan, Ann Arbor, MI, USA, American College of Cardiology, Washington, DC, USA

448 - Cardiology Fellow Training and Perspective of the Informed Consent Process

Yukiko Kunitomo, Vrunda Desai, Erica Spatz, Yale School of Medicine, New Haven, CT, USA

449 - Electrocardiogram Training for Residents: A Curriculum Based on Facebook and Twitter

Stanley Liu, Sammy Zakaria, Dhananjay Vaidya, Mukta Srivastava, University of Maryland School of Medicine, Baltimore, MD, USA, Johns Hopkins School of Medicine, Baltimore, MD, USA

450 - Tobacco Cessation: A Knowledge, Attitude and Practice (KAP) Survey Among Residents

Ajoe Kattoor, Joseph Thomas, Annette Abraham, Amit Bahya, Satish Kenchaiah, University of Arkansas for Medical Sciences, Little Rock, AR, USA

451 - An Online Murmur Curriculum Improves Medical Students' Ability to Correctly Identify Cardiac Murmurs



Lorrel E. Brown, Juliette Power, Michael Barrett, University of Louisville, Louisville, KY, USA, Allegheny Health Network, Pittsburgh, PA, USA

452 - Understanding Social Media Usage Related to Cardiology: Underlying Motivation and Untapped Opportunities  
Purvi Parwani, Geoffrey Tison, University of California, San Francisco, CA, USA

### **Valvular Heart Disease - Poster Contributions** **Session #1145**

**Valvular Heart Disease: Mitral Valve Disease**  
**Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.**  
**Poster Hall, Hall C**  
**CME Hours: 0.75 /CNE Hours: 0.75**

025 - Left Atrium Volume Index Measurement in Routine Practice: Does It Independently Impact Survival of Degenerative Mitral Valve Disease?  
Clémence Antoine, Giovanni Benfari, Sorin Pislaru, David Messika-Zeitoun, Thierry Le Tourneau, Joseph F. Maalouf, Maurice Enriquez-Sarano, Mayo Clinic, Rochester, MN, USA

027 - Warfarin Use and Progression of Mitral Annular Calcification  
Ravji Tsutsui, Kinjal Banerjee, Kimi Sato, James Thomas, Zoran Popovic, Samir Kapadia, Cleveland Clinic, Cleveland, OH, USA

028 - Inter-Study Reproducibility of Mitral Regurgitation Quantitation Using Cardiac Magnetic Resonance Imaging  
Nickalaus L. Gramze, Mohammad Khan, Eric Yang, Kyle Autry, Jeremy Hinojosa, Corinne Bontiff, Farzan Hassan, Michael Reardon, Stephen Little, William Zoghbi, Faisal Nabi, Dipan Shah, Houston Methodist DeBakey Heart and Vascular Institute, Houston, TX, USA

026 - Quantitation of Degenerative Mitral Regurgitation: Reserved to the Specialized Few or Applicable to Routine Clinical Practice?  
Clémence Antoine, Giovanni Benfari, Hector Michelena, Joseph F. Maalouf, Vuyisile Nkomo, Maurice Enriquez-Sarano, Mayo Clinic, Rochester, MN, USA

029 - Prognostic Significance of Mitral Stenosis Indices on Outcomes in Patients Following Mitral Valve Repair for Degenerative Mitral Regurgitation  
Kwan-Leung Chan, Karen Hay, Buu-Khanh Lam, University of Ottawa Heart Institute, Ottawa, Canada

030 - Gender Differences in the Etiology of Mitral Valve Disease  
Sneha Vakamudi, Yuping Wu, Christine Jellis, Stephanie Mick, A. Gillinov, Tomislav Mihaljevic, Lars Svensson, Leslie Cho, Cleveland Clinic Foundation, Cleveland, OH, USA

031 - Volumetric Quantification of Regurgitant Volume in Asymptomatic Severe Degenerative Mitral Regurgitation by Echocardiography and Cardiac MRI With Independent Validation of Forward Stroke Volume by Positron Emission Tomography  
Tomasz Baron, Lovisa Holm Orndahl, Tanja Kero, Jens Sorensen, Tomas Bjerner, Eva-Maria Hedin, Elisabeth Stahle, Frank Flachskampf, Department of Medical Sciences, Cardiology and Clinical Physiology, Uppsala University, Uppsala, Sweden, Department of Surgical Sciences, Uppsala University, Uppsala, Sweden

032 - Guideline-Adherence and Survival for Asymptomatic Patients With Severe Mitral Valve Regurgitation  
Claudia See, Paul Sorajja, Kevin Harris, Robert Farivar, Richard Bae, Matthew Dulas, Ross Garberich, Mario Gössl, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

### **Vascular Medicine - Poster Contributions**

**Session #1167**  
**Vascular Medicine: Novel Risk Measures in Arterial Diseases**  
**Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.**  
**Poster Hall, Hall C**  
**CME Hours: 0.75 /CNE Hours: 0.75**

351 - Arterial Stiffness Is Increased at Intermediate Altitude: The INTERVENCIÓN Trial  
Julio Chirinos Medina, Josefina Medina-Lezama, Offdan Narvaez, Karela Herrera, Mardelangel Zapata Ponce De Leon, Angely Janeth Rondon Rodriguez, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA, USA, Catholic University of Santa María, Arequipa, Peru

352 - Effect of Ramipril on Microvascular Function and Symptoms in Normotensive Women With Microvascular Angina: A Randomized Controlled Trial  
Marie Mide Michelsen, Anna Bay Rask, Elena Suhrs, Naja Mygind, Nis Host, Eva Prescott, Bispebjerg Hospital, University of Copenhagen, Copenhagen, Denmark

353 - Nailfold Capillaroscopy for the Identification of Microvascular Disease in African-Americans  
Muhammad Afzal Khan, Venu Pasricha, Steven Song, Mahyar Pourriahi, Muhammad Ihsan, Arismendy Nunez Garcia, Attiya Haque, Allan Bowen, Louis Saliccioli, Jason Lazar, Downstate Medical Center, Brooklyn, NY, USA

354 - Body Mass Index and Acute Aortic Dissection  
Jordan Jabara, Santi Trimarchi, Alan Braverman, Marco Di Eusanio, Truls Myrmed, Marek Ehrlich, Hans-Henning Eckstein, Maral Ouzounian, Gilbert Upchurch, Ali Khoynzhad, Bradley Taylor, Daniel Montgomery, Christoph Nienaber, Kim A. Eagle, Eric Isselbacher, Himanshu Patel, University of Michigan, Ann Arbor, MI, USA

355 - Ocular Vascular Occlusion in 302 Patients: A Diagnostic Window to Familial and Acquired Thrombophilia  
Matan Rothschild, Ilana Schlam, Ping Wang, Robert Hutchins, Robert Sisk, Charles Glueck, The Jewish Hospital, Cincinnati, OH, USA, University of Cincinnati Medical Center, Cincinnati, OH, USA

356 - Sarcopenia and Vascular Function Among Community Elderly  
Angela Su-Mei Koh, Jia Ing Wong, Wan Yi Yew, Serene J. M. Chua, Feiqiong Huang, Shuang Leng, Liang Zhong, Si Yi Lee, Fei Gao, Ru-San Tan, Woon-Puay Koh, National Heart Centre Singapore, Singapore, Singapore, Duke-NUS Medical School, Singapore, Singapore

357 - Vascular Function of Conduit Arteries Is Associated With Progress of Diabetic Retinopathy in Type 2 Diabetes  
Alexis S. Antonopoulos, Nikolaos Gouliopoulos, Gerasimos Siasos, Evangelos Oikonomou, Theodosia Konsola, Georgia Siasou, Manolis Vavuranakis, Nikolaos Tentolouris, Dimitris Tousoulis, Hippokraton Hospital, University of Athens, First Department of Cardiology, Athens, Greece

358 - Association of Coronary Artery Calcium With Incident Peripheral Artery Disease: The Multi-Ethnic Study of Atherosclerosis  
Zahra Meyghani, Hooman Bakhshi, Bharath Ambale Venkatesh, Yoshiaki Ohyama, Colin O. Wu, Matthew Budoff, Christina L. Wassel, Michael Criqui, David Bluemke, Joao Lima, Johns Hopkins Hospital, Baltimore, MD, USA



### Vascular Medicine - Poster Contributions

#### Session #1168

#### Venous Investigation: The Dark Side

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

359 - Nationwide Contemporary Trends in Adjunctive Angioplasty and Stenting at the Time of Catheter Directed Thrombolysis in Patients With Proximal Lower Extremity Deep Vein Thrombosis

Vladimir Lakhter, Chad Zack, Satyajit Reddy, Saurav Chatterjee, Vikas Aggarwal, Riyaz Bashir, Temple University Hospital, Philadelphia, PA, USA, Mayo Clinic, Rochester, MN, USA

360 - Sex Differences in the Use of Inferior Vena Cava Filters in Patients With Proximal Lower Extremity Deep Vein Thrombosis in the United States

Vladimir Lakhter, Chad Zack, Satyajit Reddy, Saurav Chatterjee, Vikas Aggarwal, Deborah Crabbe, Riyaz Bashir, Temple University Hospital, Philadelphia, PA, USA, Mayo Clinic, Rochester, MN, USA

361 - 3-Month and 6-Month Primary Patency With Stent Versus Balloon Angioplasty for Failing Arteriovenous Grafts Failure: A Meta-Analysis

Konstantinos Marmagkiolis, Cezar Iliescu, Konstantinos Charitakis, Mehmet Cilingiroglu, Florida Hospital Pepin Heart Institute, Tampa, FL, USA, University of Missouri, Columbia, MO, USA

362 - Ipsilateral Resting Venous Lactate Levels Decreased After Successful Percutaneous Revascularization of the Limb in Patients Suffering Intermittent Claudication

Harun Kilic, Yusuf Can, Murat Aksoy, Ersan Tatli, Tarik Agac, Mehmet Akif Cakar, Mustafa Gökhan Vural, Ramazan Akdemir, Gunduz Huseyin, Sakarya University, Sakarya, Turkey

### Special - Gaming

#### Session #6002

#### Engage @ ACC.17 Studio: FIT Jeopardy Battle of the State Chapters II

Friday, March 17, 2017, 1:45 p.m. - Engage @ ACC.17 Studio, Hall C

CME Hours: 2 /CNE Hours: 2

1:45 p.m.

Group 5: Canada, Rhode Island, Massachusetts, Utah Chapters

2:15 p.m.

Group 6: Florida, New Mexico, Connecticut, Louisiana (American Athletic Conference)

2:45 p.m.

Group 7: Iowa, Minnesota, Wisconsin, New Jersey (Big-10)

3:15 p.m.

Group 8: Virginia, Kentucky, Maryland/Washington DC, North Carolina (Atlantic Coast Conference)

1:45 p.m.

Moderator

Firas J. Al Badarin

Kansas City, MO

1:45 p.m.

Moderator

Lorrel E. Brown

Louisville, KY

1:45 p.m.

Moderator

Prashant Bhawe

Chicago, IL

1:45 p.m.

Moderator

Michael Young

Jamaica Plain, MA

Judge

Lisa A. Mendes

Brentwood, TN

Judge

Raymond Russell

Providence, RI

Judge

Chittur A. Sivaram

Oklahoma City, OK

### Acute and Stable Ischemic Heart Disease - International

#### Session #514

#### Trends in Coronary Syndromes: International Perspectives From the ACC Great Britain and Ireland Chapter, Israel Heart Society, and American College of Cardiology

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 145 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Paul N. Casale

Co-Chair: Sarah C. Clarke Kingdom

Co-Chair: Albert McNeill

Co-Chair: Ronen Rubinshtein

2:00 p.m.

Introduction to Session

Paul N. Casale

2:05 p.m.

Temporal Trends in Pre-Hospital Management of STE-ACS

Zaza Iakobishvili

Petah Tikva, Israel

2:16 p.m.

Temporal Trends in NSTEMI-ACS

Roy Beigel

Los Angeles, CA

2:27 p.m.

Antiplatelet Options for the ACS Patient: Which Drug and for How Long?

Michael P. Savage

Philadelphia, PA

2:38 p.m.

Myocardial Injury, Unstable Angina, NSTEMI - What are we Treating?

Robert A. Henderson

Nottingham, United Kingdom

2:49 p.m.

Management of ACS (inc PPCI) - Where We Are and Where We Are Going?

James Crowley

Galway, Ireland

3:00 p.m.

Discussion



### Acute and Stable Ischemic Heart Disease - Scientific Session #624

#### I Can Do WHAT After My Heart Attack?

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 143 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Steven Keteyian  
Co-Chair: Meagan Wasfy  
Panelist: Claudio Gil Araujo  
Panelist: Thijs Eijvogels  
Panelist: Michael Scott Emery  
Panelist: John Higgins  
Panelist: Robin Wedell

2:00 p.m.

Do I Have to Go to Cardiac Rehab?

Thijs Eijvogels  
Hartford, CT

2:13 p.m.

Question and Answer

2:18 p.m.

When Can I Travel and Go to Altitude?

John Higgins  
Houston, TX

2:31 p.m.

Question and Answer

2:36 p.m.

Can I Run a Marathon?

Michael Scott Emery  
Indianapolis, IN

2:49 p.m.

Question and Answer

2:54 p.m.

Why Am I Sad?

Kim Smolderen  
Kansas City, MO

3:07 p.m.

Question and Answer

3:12 p.m.

When Can I Have Sex?

Claudio Araujo  
Rio De Janeiro/RJ, Brazil

3:25 p.m.

Question and Answer

### Acute and Stable Ischemic Heart Disease - Scientific

#### Session #625

#### Global Perspectives in the Treatment of ST Elevation Myocardial

#### Infarction: Successes, Failures, and Challenges

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 150 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Christopher Granger  
Co-Chair: Venu Menon  
Panelist: Peter B. Berger  
Panelist: Mayme Roettig  
Panelist: Jacqueline E. Tamis-Holland

2:00 p.m.

Mission Lifeline and the D2B Alliance: The United States Experience

Alice Jacobs  
Boston, MA

2:10 p.m.

Panel Discussion/Question and Answer

2:15 p.m.

Single-payor STEMI Systems of Care: The Canadian Experience

Warren Cantor  
New Market, Canada

2:25 p.m.

Panel Discussion/Question and Answer

2:30 p.m.

Access to STEMI Care: The South African Experience

Rhena Delpont  
South Africa

2:40 p.m.

Panel Discussion/Question and Answer

2:45 p.m.

STEMI Telemedicine in the Tropics: The Brazilian Experience

Marcus Vinicius Malachias  
São PAULO, Brazil

2:55 p.m.

Panel Discussion/Question and Answer

3:00 p.m.

SNAPSHOT of STEMI Care in the Southern Hemisphere: The New Zealand

Experience  
Mark Webster  
Auckland, New Zealand

3:10 p.m.

Panel Discussion/Question and Answer

3:15 p.m.

Delivering STEMI Care for a Billion People: The Indian Experience

Thomas Alexander  
Coimbatore 641014, India

3:25 p.m.

Panel Discussion/Question and Answer

### Acute and Stable Ischemic Heart Disease - Hands-on Skills Learning

#### Session #1508

#### Personalized Skills Center: Hands-On Simulation - Acute Coronary Syndrome

Friday, March 17, 2017, 2 p.m. - 3 p.m.

Personalized Skills Center, East Salon AB

CME Hours: /CNE Hours:

2:00 p.m.

Acute Coronary Syndrome

Chethan Gangireddy  
Philadelphia, PA



### Arrhythmias and Clinical EP - Scientific

#### Session #622

**Controversies in Arrhythmia Management: Joint Symposium of the Heart Rhythm Society and the American College of Cardiology**  
Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Ballroom B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Thomas F. Deering

Co-Chair: Andrea M. Russo

2:00 p.m.

Should Asymptomatic Patients with WPW Undergo Ablation?

George F. Van Hare

St. Louis, MO

2:15 p.m.

Should Anticoagulation be Started for Atrial Fibrillation Detected in Pacemaker Data Logs?

Stefan H. Hohnloser

Frankfurt am Main, Germany

2:30 p.m.

Should Ablation Be Used as First Line Therapy for Atrial Fibrillation?

John D. Day

Salt Lake City, UT

2:45 p.m.

Should Patients with Right Bundle Branch Block Receive CRT?

Michael Robert Gold

Charleston, SC

3:00 p.m.

Should ICDs Be Replaced at the Time of Battery Depletion if the Ejection Fraction Is Now > 40%?

Paul A. Friedman

Rochester, MN

3:15 p.m.

Question and Answer

### Arrhythmias and Clinical EP - Scientific

#### Session #623

**Ventricular Arrhythmias in the Coronary Care Unit: Contemporary Solutions to an Old Problem**

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 147 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sana Al-Khatib

Co-Chair: John D. Fisher

2:00 p.m.

Role of Anti-arrhythmic Drug Therapy in the Coronary ICU

Daniel Cooper

2:11 p.m.

ARS with Question and Answer

2:22 p.m.

When Should I Do Catheter Ablation for Ventricular Arrhythmia in the CICU

William Stevenson

Boston, MA

2:32 p.m.

ARS with Question and Answer

2:44 p.m.

Role of Autonomic Intervention in the Coronary Care Unit

Kalyanam Shivkumar

Los Angeles, CA

2:54 p.m.

ARS with Question and Answer

3:06 p.m.

Role of Hemodynamic Support and Revascularization in VT Storm

Siva Mulpuru

Rochester, MN

3:16 p.m.

ARS with Question and Answer

### Congenital Heart Disease - Scientific

#### Session #626

**ACHD Guidelines 2016: The Future is Now**  
Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 146 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Curt J. Daniels

Co-Chair: Karen K. Stout

Panelist: Ami B. Bhatt

Panelist: Matthew J. Lewis

Panelist: George K. Lui

Panelist: Arwa Saidi

2:00 p.m.

Rome Was Not Built in a Day: How We Think About Adult Congenital Heart Disease and the Foundation of the New Guidelines

Curt J. Daniels

Columbus, OH

2:15 p.m.

Time for Change: Key Changes in ACHD Management Based on the 2016 Guidelines

Karen K. Stout

Seattle, WA

2:30 p.m.

Surgery is Still in: Class I Indications for Surgical Intervention in ACHD

Nathalie Roy

Boston, MA

2:45 p.m.

Models of Care: Guideline Perspective on Patient Centered Care and Management

Michelle Gurvitz

Boston, MA

3:00 p.m.

ACHD Guideline Highlights: Review of Class I Recommendations in the Updated ACHD Guidelines

Biykem Bozkurt

Houston, TX

3:15 p.m.

Panel Discussion

### Heart Failure and Cardiomyopathies - Scientific

#### Session #627

**Should I Stay or Should I Go? Tough Cases in MCS and Transplant**  
Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 144 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Joseph Cleveland

Co-Chair: James Mudd

Panelist: Maya Guglin



Panelist: Sean Pinney  
Panelist: Joseph Rogers  
Panelist: Scott Silvestry

2:00 p.m.  
Selection Strategy in Drug Refractory Ventricular Arrhythmia  
Shashank S. Desai  
Falls Church, VA

2:05 p.m.  
Panel Discussion

2:20 p.m.  
Selection Strategy in Restrictive Cardiomyopathy  
Shashank S. Desai  
Falls Church, VA

2:25 p.m.  
Panel Discussion

2:45 p.m.  
Selection Strategy in Severe Cardiomyopathy with Chronic Kidney Disease  
Shashank S. Desai  
Falls Church, VA

2:50 p.m.  
Panel Discussion

3:10 p.m.  
Selection Strategy in Biventricular Dysfunction and Pulmonary Hypertension  
Shashank S. Desai  
Falls Church, VA

3:15 p.m.  
Panel Discussion

#### Heart Failure and Cardiomyopathies - Scientific Session #628

**Can You See Me Now? Sensors For Monitoring Heart Failure**  
Friday, March 17, 2017, 2 p.m. - 3:30 p.m.  
Room 146 B  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: William Abraham  
Co-Chair: G. William Dec, JR  
Panelist: Lee Goldberg  
Panelist: Omer Inan  
Panelist: Liviu Klein  
Panelist: Jagmeet Singh  
Panelist: Lynne Stevenson

2:00 p.m.  
Don't Shock Me - Electrophysiologic Sensors for Monitoring Heart Failure  
Jagmeet Singh  
Boston, MA

2:08 p.m.  
Panel Discussion

2:00 p.m.  
Under Pressure: Pulmonary Artery Sensors  
Lynne Stevenson  
Boston, MA

2:23 p.m.  
Panel Discussion

2:30 p.m.  
Be Careful What You Wish for! Integrating Sensors Into Clinical Practice

Lee Goldberg  
Philadelphia, PA

2:38 p.m.  
Panel Discussion

2:45 p.m.  
Haute Couture - Engineering the Future of Wearable Sensors  
Omer Inan  
Atlanta, GA

2:53 p.m.  
Panel Discussion

3:00 p.m.  
Does it Fit? Clinical Perspectives on Wearable Sensors  
Liviu Klein  
San Francisco, CA

3:08 p.m.  
Panel Discussion

3:15 p.m.  
Three Challenging Patient Cases Using Sensors  
Lisa Rathman  
Stevens, PA

3:23 p.m.  
Panel Discussion

#### Interventional Cardiology - Live Cases

**Session #201**  
**Interventional Live Case Session II: CTO Transmission from Mid-America Heart Institute (Kansas City, Missouri)**  
Friday, March 17, 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: Dimitrios Karpaliotis  
Co-Chair: Simon Walsh  
Panelist: George D. Dangas  
Panelists: Jeffrey W. Moses  
Panelist: Stéphane Rinfret  
Panelist: Tak Kwan

#### Interventional Cardiology - International Session #515

**Challenges in Percutaneous Interventions: International Perspectives From the Hong Kong College of Cardiology, Singapore Cardiac Society, and American College of Cardiology**  
Friday, March 17, 2017, 2 p.m. - 3:30 p.m.  
Room 145 B  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert A. Harrington  
Co-Chair: Shu Kin Li Kong  
Co-Chair: Jack Wei Chieh Tan

2:00 p.m.  
Introduction to Session  
Robert A. Harrington

2:05 p.m.  
Lessons From the Early Adoption of BVS Use



Adrian Low  
Singapore, Singapore

2:16 p.m.  
Is There Any Role for Thrombectomy Devices in Primary PCI: A Review of the Evidence  
Kam-Tim Chan  
Hunghom, Kowloon, Hong Kong

2:27 p.m.  
Bivalirudin Should Be the Standard of Care as Opposed to Heparin in PCI  
Carey D. Kimmelstiel  
Boston, MA

2:38 p.m.  
Challenging Cases With Bioresorbable Vascular Scaffolds  
Dinesh Nair  
Singapore, Singapore

2:49 p.m.  
Practical Approach to Lesion With Heavy Thrombus Burden During Primary PCI  
Michael Chan  
Hong Kong, Hong Kong

3:00 p.m.  
Discussion

#### Interventional Cardiology - Scientific

##### Session #630

##### Radial Access Mini-Symposium I

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 201

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Samir B. Pancholy  
Co-Chair: Sunil Rao

2:00 p.m.  
Tips for Successful Radial Access  
Samir B. Pancholy

2:15 p.m.  
"Must Know" Techniques for Traversing the Arm and Chest Vasculature  
Tejas Patel  
Ahmedabad, India

2:30 p.m.  
Case Presentation: Complex Transradial PCI  
Prashant Kaul  
NC

2:35 p.m.  
Venous Procedures from the Arm  
Ian C. Gilchrist  
Hershey, PA

2:50 p.m.  
Transradial Primary PCI: Data and Technique  
Christopher T. Pyne  
Chelmsford, MA

3:05 p.m.  
Recognizing and Dealing with Complications of Transradial Procedures  
Mladen I. Vidovich  
Chicago, IL

3:20 p.m.  
Question and Answer

#### Interventional Cardiology - Scientific

##### Session #631

##### Great Minds Think Differently: Multidisciplinary Approach to Imaging

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 202 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Kimberly Guibone  
Co-Chair: Lauren Morris  
Panelist: Jacqueline Gamberdella  
Panelist: Jaafer Golzar  
Panelist: Jennifer Lutes  
Panelist: Kenneth Rosenfield

2:00 p.m.  
Use of Imaging and 3D Printing for Case Planning: Learning from Our Surgical Colleagues  
Feroze Mahmood  
Boston, MA

2:10 p.m.  
Pre-procedure Planning: Case Based Imaging. TAVR  
Sarah Clarke  
La Jolla, CA

2:20 p.m.  
Pre-procedure Planning: Imaging the Mitral Valve  
Roger J. Laham  
Boston, MA

2:30 p.m.  
Pre-procedure Planning: Case Based Imaging. Tricuspid Regurgitation  
Brian Patrick O'Neill  
Philadelphia, PA

2:40 p.m.  
Pre-procedure Planning & Procedural Guidance: Left Atrial Appendage Imaging  
Asma Hussaini  
Los Angeles, CA

2:50 p.m.  
Pre-procedural Imaging Considerations to Predict Post Procedural Outcomes: PPM, PVL, Root Upture  
David Anthony Burke  
Boston, MA

3:00 p.m.  
Interesting Anatomy: Valve Selection and Why?  
Michael Querijero  
New York, NY

3:10 p.m.  
Case Presentation: The Use of Imaging in PVD... When Is DUS/CTA/Angio Appropriate?  
Jaafer Golzar  
Chicago, IL

3:15 p.m.  
Case Discussion with Question and Answer



#### Interventional Cardiology - Scientific

##### Session #632

#### TAVR for Degenerated Surgical Valves: What You Need to Know from A to Z

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jeffrey Gaca

Co-Chair: J. Kevin Harrison

Panelist: Danny Dvir

Panelist: Sammy Elmariah

Panelist: Mayra E. Guerrero

2:00 p.m.

TAVR Valve-in-Valve for Prior Surgical Stented Valves

Steven J. Yakubov

Columbus, OH

2:10 p.m.

Panel Discussion with Question and Answer

2:15 p.m.

TAVR Valve-in-Valve for Prior Surgical Non-stented Valves

Neil E. Moat

London, United Kingdom

2:25 p.m.

Panel Discussion with Question and Answer

2:30 p.m.

Does Depth of Implantation for TAVR in Prior SAVR Makes a Difference?

Ajit Yoganathan

Atlanta, GA

2:40 p.m.

Panel Discussion with Question and Answer

2:45 p.m.

TAVR in Degenerative Surgical MV Replacement

Duane S. Pinto

Boston, MA

2:55 p.m.

Panel Discussion with Question and Answer

3:00 p.m.

TAVR in Prior Surgical Mitral Valve Ring

Vinayak Nilkanth Bapat

London, United Kingdom

3:10 p.m.

Panel Discussion with Question and Answer

3:15 p.m.

TAVR in Prior Surgical Tricuspid Valve Replacement

Paul A. Grayburn

Dallas, TX

3:25 p.m.

Panel Discussion with Question and Answer

#### Interventional Cardiology - Scientific

##### Session #633

#### Complications of PCI: Case Reviews

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 207 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Stephen G. Ellis

Co-Chair: Jeffrey J. Popma

2:00 p.m.

Case Presentation: STEMI Gone Wrong

Binita Shah

2:05 p.m.

Case Discussion with Question and Answer

2:15 p.m.

Case Presentation: Inadequate Lesion Preparation Before Stenting

Ziad Ali

New York, NY

2:20 p.m.

Case Discussion with Question and Answer

2:30 p.m.

Case Presentation: Bleeding Complication

Mehdi H. Shishehbor

Cleveland, OH

2:35 p.m.

Case Discussion with Question and Answer

2:45 p.m.

Case Presentation: A Case Where I Needed Hemodynamic Support but Didn't Use it

Robert Pyo

Bayside, NY

2:50 p.m.

Case Discussion with Question and Answer

3:00 p.m.

Case Presentation: Vessel Dissection

Usman Baber

New York city, NY

3:05 p.m.

Case Discussion with Question and Answer

3:15 p.m.

Case Presentation: Perforation

Perwaiz M. Meraj

Manhasset, NY

3:20 p.m.

Case Discussion with Question and Answer

#### Interventional Cardiology - Core Curriculum

##### Session #804

#### Core Curriculum: Revascularization in Special Populations

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 151 A

CME Hours: 1.5 /CNE Hours: 1.5

Chair: Roxana Mehran

2:00 p.m.

Coronary Revascularization in the Elderly: Where Age Is No Barrier

Cindy L. Grines

Detroit, MI

2:25 p.m.

Optimal Revascularization of the Diabetic Patient with CAD

Konstantinos Dean Boudoulas

Columbus, OH

2:50 p.m.

To Stent or Not: Tough Decisions Regarding Left Main CAD



Sheila Sahni  
Los Angeles, CA

3:15 p.m.  
Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific Session #629**  
**Controversies in Echocardiography**  
Friday, March 17, 2017, 2 p.m. - 3:30 p.m.  
Ballroom A  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Allan Klein  
Co-Chair: Neil Weissman

2:00 p.m.  
Pro: The New Diastolic Echo Guidelines are All I Need for Assessment of Filling Pressures  
Sherif Nagueh

2:08 p.m.  
Con: I Like the New Diastolic Guidelines, but I Still Need More Data  
Otto Smiseth  
NO-0027 Oslo, Norway

2:16 p.m.  
Rebuttal: Pro

2:18 p.m.  
Rebuttal: Con

2:20 p.m.  
Question and Answer

2:30 p.m.  
Pro: Strain is the New EF – it Should Be Part of the Echo Protocol  
Juan Plana  
Houston, TX

2:38 p.m.  
Con: Strain is a Research Tool, Just Tell Me the LVEF  
Natesa Pandian  
Boston, MA

2:46 p.m.  
Rebuttal: Pro

2:48 p.m.  
Rebuttal: Con

2:50 p.m.  
Question and Answer

3:00 p.m.  
POCUS: Everyone Should Be Able to Do an Echo Where and When it is Needed  
Arthur Labovitz  
Tampa, FL

3:08 p.m.  
Con: HOCUS POCUS – I am Calling the Echo Lab for a 'Real' Echo  
Kirk Spencer  
Tampa, FL

3:16 p.m.  
Rebuttal: Pro

3:18 p.m.  
Rebuttal: Con

3:20 p.m.  
Question and Answer

**Pulmonary Hypertension and Venous Thrombo-embolic Disease - Scientific Session #634**  
**The OMICS in Pulmonary Hypertension**  
Friday, March 17, 2017, 2 p.m. - 3:30 p.m.  
Room 147 B  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Michael A. Solomon  
Co-Chair: J. Eduardo Rame  
Panelist: Jason M. Elinoff  
Panelist: Allen D. Everett  
Panelist: Evelyn Horn  
Panelist: Jane A. Leopold  
Panelist: Gregory D. Lewis

2:00 p.m.  
Genomics: Meta-analysis of blood expression profiling studies in pulmonary arterial hypertension  
Jason M. Elinoff  
Bethesda, MD

2:10 p.m.  
Question & Answer

2:15 p.m.  
Proteomics: Translational Potential in Pulmonary Hypertension  
Allen D. Everett  
Baltimore, MD

2:25 p.m.  
Question & Answer

2:30 p.m.  
Metabolomics: Plasma signatures of right ventricular and pulmonary vascular dysfunction  
Gregory D. Lewis  
Boston, MA

2:40 p.m.  
Question & Answer

2:45 p.m.  
PVDOMICS: The Road Ahead  
Jane A. Leopold  
Boston, MA

2:55 p.m.  
Question & Answer

3:00 p.m.  
ACC-Talk: Omics in Pulmonary Hypertension: What Does the Future Hold?  
Evelyn Horn  
New York, NY

3:12 p.m.  
Question and Answer

3:17 p.m.  
Panel Discussion: The Role of OMICS in Pulmonary Hypertension



### Special - Intensive

#### Session #52

#### Teaching with Intent: Secrets from the Masters II

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 152 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Rick A. Nishimura

Co-Chair: Patrick T. O'Gara

Co-Chair: Craig Alpert

2:00 p.m.

Introduction and Session Overview

Eric S. Williams

2:05 p.m.

ACC-Talk: How Does Rick Tick?

Patrick T. O'Gara

Boston, MA

2:15 p.m.

Principles of a Great ACC-Talk (interviewer)

Eric S. Williams

Indianapolis, IN

2:15 p.m.

Principles of a Great ACC-Talk (interviewee)

Patrick T. O'Gara

Boston, MA

2:25 p.m.

Mastering the Art of Masterful Presenting

Rick A. Nishimura

Rochester, MN

2:35 p.m.

Mastering the Art of Masterful Moderating

Eric S. Williams

Indianapolis, IN

2:45 p.m.

Preparing to Chair a Session at the Annual Meeting (interviewer)

Julia H. Indik

Tucson, AZ

2:45 p.m.

Preparing to Chair a Session at the Annual Meeting (interviewee)

Shashank S. Sinha

Ann Arbor, MI

2:55 p.m.

Empowering your Powerpoint

Craig Alpert

Ann Arbor, MI

3:15 p.m.

Panel Discussion with Audience Q & A

3:25 p.m.

Session Summary

Patrick T. O'Gara

Boston, MA

### Special - Symposium

#### Session #104

#### When Anticoagulation Needs to be Stopped – What Are the Options? - Pharmacology II

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 146 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Rhonda Cooper-DeHoff

Co-Chair: Glenn A. Hirsch

Panelist: Sarah A. Spinler

Panelist: Tyler J. Gluckman

2:00 p.m.

Case Presentation: A Perioperative Patient that Needs to Have Anticoagulation Managed

Sara Brouse

Lexington, KY

2:05 p.m.

Contemporary Practice Highlights a Need for Clinical Pathways in Periprocedural Anticoagulation

Greg C. Flaker

Columbia, MO

2:25 p.m.

Managing Anticoagulation in the Periprocedural Patient: Does It Have to Be So Difficult?

Joshua A. Beckman

Nashville, TN

2:45 p.m.

Anticoagulation Reversing Agents: What's the Latest and Greatest?

Paul P. Dobesh

Omaha, NE

3:05 p.m.

Reprise of the Case

Sara Brouse

Lexington, KY

3:10 p.m.

Panel Discussion

### Special - Special

#### Session #402

#### 48th Annual Louis F. Bishop Lecture

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Ballroom C

CME Hours: 1.5 /CNE Hours: 1.5

Chair: Jeffrey T. Kuvin

2:00 p.m.

Introduction of Janet S. Wright, MD, FACC

Jeffrey T. Kuvin

Lebanon, NH

2:05 p.m.

Million Hearts: Results, Road Rash, and Lessons for Making More Progress, Faster

Janet S. Wright

Baltimore, MD

Panelist: Wayne E. Cascio

Panelist: Wayne H. Giles

Panelist: Jean Moody-Williams

Panelist: Karen Remley



2:45 p.m.  
Panel Discussion with Audience Q & A

### Special - Scientific

#### Session #635

#### Social Media and the Cardiovascular Professionals: Lessons Learned and Future Applications

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 140 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Kevin R. Campbell  
Co-Chair: John M. Mandrola  
Panelist: Kevin R. Campbell  
Panelist: Westby G. Fisher  
Panelist: John M. Mandrola  
Panelist: Melissa Walton-Shirley

2:00 p.m.  
ACC-Talk: Lessons Learned from 10 Years of Social Media In Medicine  
John M. Mandrola  
Louisville, KY

2:15 p.m.  
ACC-Talk: Social Media, Medicine and the FDA--Evolving Regulation  
Kevin R. Campbell  
Raleigh, NC

2:30 p.m.  
ACC-Talk: Legal Implications of Social Media Use in Medicine: Case Studies from My Experience as the "Blogfather"  
Westby G. Fisher  
Evanston, IL

2:45 p.m.  
ACC-Talk: Engaging Patients Online and Managing Digital Access in a Busy Practice  
Melissa Walton-Shirley  
Gallatin, TN

3:00 p.m.  
Panel Discussion and Audience Question and Answer

### Valvular Heart Disease - Scientific

#### Session #636

#### Pregnancy Complicated by Valvular/Congenital Heart Disease: Clinical Management and Challenging Cases

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 204 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert Battle  
Panelist: Heidi M. Connolly  
Panelist: Anne Marie Valente  
Panelist: Carole A. Warnes

2:00 p.m.  
Maternal Fetal Medicine  
Katherine Elena Economy  
Boston, MA

2:00 p.m.  
Pregnancy Prevention: Contraceptive Strategies in Patients with Valvular/Congenital Heart Disease  
Disty Pearson  
Boston, MA

2:10 p.m.  
Question and Answer

2:18 p.m.  
Vaginal Delivery or Cesarean Section: How Do We Decide?  
Katherine Elena Economy

2:28 p.m.  
Question and Answer

2:36 p.m.  
The Challenge of Anti-coagulation in the Pregnant Patient with Valvular/Congenital Heart Disease  
Anitha John  
Washington, DC

2:46 p.m.  
Question and Answer

2:54 p.m.  
Case Presentation: Pregnancy Complicated by Recurrent Prosthetic Valve Thrombosis  
Jill Steiner  
Seattle, WA

2:59 p.m.  
Question and Answer

3:06 p.m.  
Case Presentation: Third Trimester Pregnancy Complicated by Bicuspid Aortic Valve and Aortic Aneurysm  
Walter Hoyt  
Charlottesville, VA

3:11 p.m.  
Question and Answer

3:18 p.m.  
Case Presentation: Pregnancy Complicated by Severe Aortic Stenosis  
Caroline Rouse  
Boston, MA

3:23 p.m.  
Question and Answer

### Vascular Medicine - Scientific

#### Session #637

#### Challenging the Standard of Care: Emerging Concepts in VTE Treatment and Prevention

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 209 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Geoffrey Barnes  
Co-Chair: Gregory Piazza

2:00 p.m.  
Extended Duration Anticoagulation as the New Standard? Dissolving the Illusion of Provoked vs. Unprovoked VTE  
Gregory Piazza

2:12 p.m.  
Non-vitamin K Oral Anticoagulants for First-line Therapy of VTE: Incorporating the CHEST and ESC Guidelines into Clinical Practice  
David Jimenez  
Madrid, Spain

2:24 p.m.  
Managing Life-threatening Bleeding in Patients Taking Non-vitamin K Oral Anticoagulants: When and How to Use Reversal Agents  
Samuel Goldhaber  
Boston, MA



2:36 p.m.  
Pharmacomechanical Therapy for DVT to Prevent Post-thrombotic Syndrome  
Suman Rathbun  
Oklahoma City, OK

2:48 p.m.  
Extended Pharmacological Thromboprophylaxis at Hospital Discharge for High Risk Medical Patients  
Ander Cohen  
London,, United Kingdom

3:00 p.m.  
Case Presentation: Patient with VTE Following Recent Myocardial Infarction  
Arman Qamar  
Boston, MA

**3:08 p.m.**  
**Triple Therapy for Patients Who Require Anticoagulation and Dual Antiplatelet Therapy**  
**Raffaele De Caterina**  
Chieti, Italy

3:20 p.m.  
Question and Answer

**Acute and Stable Ischemic Heart Disease - Self-Assessment Session #806**  
**Test Yourself with Questions: Guidelines Module 4: Stable Ischemic Heart Disease**  
**Friday, March 17, 2017, 3:30 p.m. - 6 p.m.**  
East Salon C  
CME Hours: 2.5 /CNE Hours:

Chair: James Fang

3:30 p.m.  
Faculty  
Anthony Hilliard  
Redlands, CA

3:30 p.m.  
Faculty  
Gautam Kumar  
Decatur, GA

3:30 p.m.  
Faculty  
John A. McPherson  
Nashville, TN

**Special Session #403**  
**FIT Forum: Mix and Mingle**  
**Friday, March 17, 2017, 3:30 p.m. - 4:30 p.m.**  
Bistro ACC, Expo, Booth #2943  
CME Hours: /CNE Hours:

Co-Chair: Bharath Rajagopalan  
Co-Chair: Elizabeth Hardin  
Co-Chair: David Snipelisky

3:30 p.m.  
Basic Science  
John M. Canty  
Buffalo, NY

3:30 p.m.  
Basic Science  
Joshua M. Hare  
Miami, FL

3:30 p.m.  
Basic Science  
Sanjay Rajagopalan  
Baltimore, MD

3:30 p.m.  
Clinical Research  
Valentin Fuster  
New York, NY

3:30 p.m.  
Clinical Research  
Robert A. Harrington  
Stanford, CA

3:30 p.m.  
Clinical Research  
Judith S. Hochman  
New York, NY

3:30 p.m.  
Clinical Research  
Steven E. Nissen  
Cleveland, OH

3:30 p.m.  
Clinical Research  
Eric D. Peterson  
Chapel Hill, NC

3:30 p.m.  
Clinical Research  
William E. Boden  
Boston, MA

3:30 p.m.  
Cardio-Oncology  
Ana Barac  
Washington, DC

3:30 p.m.  
Cardio Oncology  
Joseph Carver  
Philadelphia, PA

3:30 p.m.  
Congenital HD Pediatric & Adult  
Carole A. Warnes  
Rochester, MN

3:30 p.m.  
Congenital HD Pediatric & Adult  
Curt J. Daniels  
Columbus, OH

3:30 p.m.  
Congenital HD Pediatric & Adult  
Jane Newburger  
Boston, MA

3:30 p.m.  
Congenital HD Pediatric & Adult  
Karen K. Stout  
Seattle, WA

3:30 p.m.  
Congenital HD Pediatric & Adult  
Roberta G. Williams  
Los Angeles, CA



3:30 p.m.  
CT Surgery  
Frederick L. Grover  
Aurora, CO

3:30 p.m.  
CT Surgery  
Vinod H. Thourani  
Atlanta, GA

3:30 p.m.  
CT Surgery  
Tom C. Nguyen  
Houston, TX

3:30 p.m.  
Education  
Thomas Bashore  
Durham, NC

3:30 p.m.  
Education  
Blase A. Carabello  
Greenville, NC

3:30 p.m.  
Education  
Rick A. Nishimura  
Rochester, MN

3:30 p.m.  
Education  
Patrick T. O'Gara  
Boston, MA

3:30 p.m.  
Education  
Jeffrey T. Kuvin  
Lebanon, NH

3:30 p.m.  
Education  
Andrew M. Kates  
Saint Louis, MO

3:30 p.m.  
Electrophysiology  
Anne B. Curtis  
Buffalo, FL

3:30 p.m.  
Electrophysiology  
David J. Wilber  
Maywood, IL

3:30 p.m.  
Electrophysiology  
Douglas L. Packer  
Rochester, MN

3:30 p.m.  
Electrophysiology  
William G. Stevenson  
Boston, MA

3:30 p.m.  
Electrophysiology  
Douglas P. Zipes  
Indianapolis, IN

3:30 p.m.  
Geriatric  
Karen P. Alexander  
Durham, NC

3:30 p.m.  
Geriatric  
Daniel E. Forman  
Pittsburgh, PA

3:30 p.m.  
Geriatric  
Mathew S. Maurer  
New York, NY

3:30 p.m.  
Geriatric  
Michael W. Rich  
Saint Louis, MO

3:30 p.m.  
Heart Failure  
William T. Abraham  
Columbus, OH

3:30 p.m.  
Heart Failure  
Bertram Pitt  
Ann Arbor, MI

3:30 p.m.  
Heart Failure  
Mariell Jessup  
Philadelphia, PA

3:30 p.m.  
Heart Failure  
Lynne Warner Stevenson  
Boston, MA

3:30 p.m.  
Heart Failure  
Clyde W. Yancy  
Chicago, IL

3:30 p.m.  
Imaging  
Robert O. Bonow  
Chicago, IL

3:30 p.m.  
Imaging  
Pamela S. Douglas  
Durham, NC

3:30 p.m.  
Imaging  
Harvey Feigenbaum  
Indianapolis, IN

3:30 p.m.  
Imaging  
Raymond J. Kim  
Durham, NC

3:30 p.m.  
Imaging  
Jagat Narula  
New York, NY



3:30 p.m.  
Interventional Cardiology  
Morton J. Kern  
Orange, CA

3:30 p.m.  
Interventional Cardiology  
Roxana Mehran  
New York, NY

3:30 p.m.  
Interventional Cardiology  
Jeffrey J. Popma  
Newton, MA

3:30 p.m.  
Interventional Cardiology  
Martin B. Leon  
New York, NY

3:30 p.m.  
Outcomes Research  
Harlan M. Krumholz  
New Haven, CT

3:30 p.m.  
Outcomes Research  
John C. Messenger  
Aurora, CO

3:30 p.m.  
Outcomes Research  
John S. Rumsfeld  
Denver, CO

3:30 p.m.  
Outcomes Research  
John A. Spertus  
Kansas City, MO

3:30 p.m.  
Thrombosis  
Samuel Z. Goldhaber  
Boston, MA

3:30 p.m.  
Peripheral Vascular Disease  
Joshua A. Beckman  
Nashville, TN

3:30 p.m.  
Peripheral Vascular Disease  
Douglas E. Drachman  
Boston, MA

3:30 p.m.  
Sports Cardiology  
Michael Scott Emery  
Indianapolis, IN

3:30 p.m.  
Sports Cardiology  
Richard J. Kovacs  
Indianapolis, IN

3:30 p.m.  
Innovative Careers  
John A. Jarcho  
Boston, MA

3:30 p.m.  
Innovative Careers  
Tara Narula  
New York, NY

3:30 p.m.  
Innovative Careers  
R. Scott Wright  
Rochester, MN

3:30 p.m.  
Innovative Careers  
David E. Albert  
Oklahoma City, OK

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

#### Session #1178M

#### Fixing the Heart One Cell at a Time: The Ongoing Promise of Stem Cells

Friday, March 17, 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: Benjamin M. Scirica

3:45 p.m.  
An Updated Comprehensive Meta-Analysis of Randomized Trials Evaluating the Efficacy of Stem Cell Therapy for Refractory Angina  
Muhammad Shahrevar, Mohamed Morsy, Mark Heckle, Abdul Rashid, Kodangudi Ramanathan, Kelly Rogers, Rahman Shah, University of Tennessee, Memphis, TN, USA, VA Hospital, Memphis, TN

3:55 p.m.  
Question and Answer

4:00 p.m.  
Adipose Derived Stromal Cells for Refractory Angina: Results From MyStromalCell Trial  
Abbas Ali Qayyum, Anders Mathiasen, Naja Mygind, Tobias Kuhl, Erik Joergensen, Steffen Helqvist, Jens Jørgen Elberg, Klaus Kofoed, Niels Vejlsttrup, Anne Fischer-Nielsen, Mandana Haack-Sørensen, Annette Ekblond, Jens Kastrup, Rigshospitalet, Copenhagen, Denmark

4:10 p.m.  
Question and Answer

4:15 p.m.  
Adiponectin Improves the Survival and Therapeutic Efficacy of Mesenchymal Stem Cells in Acute Myocardial Infarction Model Through the a.m.PK Pathway  
Xiaqiu Tian, YueJin Yang, Center for Cardiac Intensive Care, Beijing Anzhen Hospital, Beijing, People's Republic of China, Fuwai Hospital, Beijing, People's Republic of China

4:25 p.m.  
Question and Answer

### Arrhythmias and Clinical EP - Moderated Poster Contributions

#### Session #1174M

#### Ventricular Arrhythmias and Sudden Death Prevention

Friday, March 17, 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: Felix O. Sogade



3:45 p.m.

Appropriate Implantable Cardioverter Defibrillator Interventions in Probands and Family Members With Arrhythmogenic Right Ventricular Cardiomyopathy Dysplasia

Gabriela Orgeron, Cynthia James, Crystal Tichnell, Brittney Murray, Bryana Rivers, Harikrishna Tandri, Hugh Calkins, Johns Hopkins Hospital, Baltimore, MD, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Ventricular Tachycardia Early After Implantation of a Ventricular Assist Device Is Associated With Increased Long Term Mortality: A Thirteen Year Institutional Experience

Brian D. Greet, Deep Pujara, David Burkland, Mark Pollet, Deepthi Sudhakar, Francia Rojas, Briana Costello, Alexander Postalain, Zachary Hale, Ben Jenny, Carol Lai, Kenneth Igbalode, Divesh Wadhwa, Masahiro Ono, Jeffrey Morgan, Leo Simpson, Andrew Civitello, Jie Cheng, Nilesh Mathuria, Texas Heart Institute, Houston, TX, USA, Baylor College of Medicine, Houston, TX, USA

4:10 p.m.

Question and Answer

4:15 p.m.

Prophylactic Defibrillator Implantation in Patients With Non-Ischemic Cardiomyopathy: An Updated Comprehensive Meta-Analysis of Randomized Controlled Trials

Rahman Shah, Mark Heckle, Abdul Rashid, David Flatt, Teresa Slomka, Beatrix Ramos Bondy, Mohamed Morsy, UT Memphis, Memphis, TN, USA

4:25 p.m.

Question and Answer

### **Congenital Heart Disease - Moderated Poster Contributions**

#### **Session #1171M**

#### **Predicting Outcomes in Pediatric Heart Disease**

Friday, March 17, 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: Kimberly E. McHugh

ACC Poster Moderator: Richard Ringel

3:45 p.m.

Growth Dynamics of Aorta in Bicuspid Aortic Valve Patients From Infancy to Young Adult Age

Talha Niaz, Joseph Poterucha, Jonathan Johnson, Timothy Olson, Donald Hagler, Mayo Clinic, Rochester, MN, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Insurance Type Is Associated With Longer Hospital Duration but Similar Mortality Among Children Undergoing Congenital Heart Surgery

Kathleen Ryan, Claudia Algaze, Charlotte Sakarovitch, Thomas Do, Vamsi Yarlagadda, Susan Fernandes, Doff McElhinney, Stephen Roth, Catherine Krawczeski, Andrew Shin, Lucile Packard Children's Hospital at Stanford, Palo Alto, CA, USA

4:10 p.m.

Question and Answer

4:15 p.m.

Risk Stratification of Children Undergoing Valve-Sparing Repair of Tetralogy of Fallot

Sophie C. Hofferberth, Sitaram M. Emani, Minmin Lu, Lynn A. Sleeper, Fatima Lunze, Gerald Marx, Christopher Baird, Pedro del Nido, Meena Nathan, Boston Children's Hospital, Harvard Medical School, Boston, MA, USA

4:25 p.m.

Question and Answer

### **Heart Failure and Cardiomyopathies - Moderated Poster Contributions**

#### **Session #1177M**

#### **Hormones and Heart Failure**

Friday, March 17, 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: Justin Vader

ACC Poster Moderator: Celeste T. Williams

3:45 p.m.

Low Urinary Cgmp/Bnp Ratio Is Associated With Worse Outcomes in Heart Failure but Is Increased by Treatment With Sacubitril/Valsartan: An Analysis of Paradigm-HF

Pardeep Jhund, Jean Rouleau, Karl Swedberg, Michael Zile, Martin Lefkowitz, Margaret Prescott, Victor Shi, Scott Solomon, Milton Packer, John McMurray, University of Glasgow, Glasgow, United Kingdom

3:55 p.m.

Question and Answer

4:00 p.m.

Long-Term Exogenous Brain Natriuretic Peptide After Myocardial Infarction Interferes With Restorative Cardiac Remodeling

Yuefeng Chen, Steven J. Youmans, Youhua Zhang, Eric Kupferstein, A. Martin Gerdes, New York Institute of Technology, Old Westbury, NY, USA, Texas Tech University Health Science Center, El Paso, TX, USA

4:10 p.m.

Question and Answer

4:15 p.m.

Estrogen Deprivation Aggravates Cardiometabolic Dysfunction and Intracellular Calcium Dyshomeostasis in Obese-Insulin Resistance Rats

Siripong Palee, Wanitchaya Minta, Duangkamol Mantor, Wissuta Sutham, Wasana Pratchayasakul, 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 Science, Faculty of Dentistry, Chiang Mai University, Chiang Mai, Thailand

4:25 p.m.

Question and Answer

### **Interventional Cardiology - Moderated Poster Contributions**

#### **Session #1175M**

#### **The Inside View: Learning From Intracoronary Imaging**

Friday, March 17, 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: Ziad Ali

ACC Poster Moderator: Mladen I. Vidovich

3:45 p.m.

Prevalence and Clinical Significance of Lipid-Rich Plaque Detected by Optical Coherence Tomography: A Four-Year Follow-Up Study

Lei Xing, Takumi Higuma, Zhao Wang, Aaron Aguirre, Shaosong Zhang, Bo Yu, Hang Lee, James Fujimoto, Valentin Fuster, Ik-Kyung Jang, OCT Registry Investigators, Cardiology Division, Massachusetts General Hospital, Harvard



Medical School, Boston, MA, USA, Department of Cardiology, the Second Affiliated Hospital of Harbin Medical University, Harbin, People's Republic of China

3:55 p.m.  
Question and Answer

4:00 p.m.  
Hybrid IVUS/OCT: "Probing" the Future  
Ali Nagvi, Rola Khedraki, Jiawen Li, Li-Dek Chou, Tirunelveli Ramalingam, Pranav Patel, UC Irvine Health, Orange, CA, USA

4:10 p.m.  
Question and Answer

4:15 p.m.  
Investigation of Novel Drug Targets Implicated in High-Dose Statin Therapy From Yellow-II Trial: Towards Personalized Lipid Lowering Therapies  
Annapoorna Subhash Kini, Khader Shameer, Yuliya Vengrenyuk, Benjamin Glicksberg, Kipp Johnson, Aparna Divaraniya, Ben Readhead, Meerarani Purushothaman, Brian Kidd, Samin Sharma, Jagat Narula, Joel Dudley, Mount Sinai Heart, Mount Sinai Health System, New York, NY, USA, Institute of Next Generation Healthcare, Mount Sinai Health System, New York, NY, USA

4:25 p.m.  
Question and Answer

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

#### Session #1176M

##### Imaging With Cardiac CT: The Case for Calcium

Friday, March 17, 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: Harvey S. Hecht  
ACC Poster Moderator: Sheldon E. Litwin

3:45 p.m.  
Coronary Artery Calcium on Noncontrast Thoracic CT Scans and All-Cause Mortality: The Copd Gene Cohort  
Matthew J. Budoff, Gregory Kinney, John Hokanson, Graham Barr, Robert Steiner, Hrudaya Nath, Richard Casaburi, Los Angeles Biomedical Research Institute, Torrance, CA, USA

3:55 p.m.  
Question and Answer

4:00 p.m.  
Hormone Replacement Therapy Is Associated With Less Coronary Atherosclerosis and Lower Mortality  
Yoav Aronson, Alan Rozanski, Heidi Gransar, Yuka Otaki, Mhairi Doris, Frances Wang, John Friedman, Sean Hayes, Louise Thomson, Balaji Tamarappoo, Piotr Slomka, Damini Dey, Daniel Berman, Cedars-Sinai Medical Center, Los Angeles, CA, USA

4:10 p.m.  
Question and Answer

4:15 p.m.  
Incremental Prognostic Value of Coronary Calcium Scoring in Patients Undergoing 82-Rubidium Myocardial Perfusion Imaging  
Amjad M. Ahmed, Ihab Sulaiman, Dalia Ahmed, Mousa Alfari, Misfer Aldosari, Ahmed Aljizeeri, Ahmed Alsaileek, Abdulbaset Sulaiman, Sherif Sakr, Mouaz Al-Mallah, King Abdulaziz Medical City, King Saud bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia

4:25 p.m.  
Question and Answer

### Non-Certified Industry Events - Learning Destinations

#### Session #4003

##### Taking Your Time - Optimizing Medical Therapy to Manage Sudden Cardiac Death Risk

Friday, March 17, 2017, 3:45 p.m. - 4:45 p.m.

Expo Hall 1955

CME Hours: /CNE Hours:

3:45 p.m.  
Taking Your Time - Optimizing Medical Therapy to Manage Sudden Cardiac Death Risk  
J. Rod Gimbel  
Knoxville, TN

### Non-Certified Industry Events - Learning Destinations

#### Session #4011

##### Industry-Expert Theater 2 Presentation

Friday, March 17, 2017, 3:45 p.m. - 4:45 p.m.

Expo Hall 2255

CME Hours: /CNE Hours:

3:45 p.m.  
Industry-Expert Theater 2 Presentation

### Non-Certified Industry Events - Learning Destinations

#### Session #4205

##### Treatment Options for Atrial Fibrillation - What to Do When Drugs Fail

Friday, March 17, 2017, 3:45 p.m. - 4:15 p.m.

Expo Hall 1357

CME Hours: /CNE Hours:

Treatment Options for Atrial Fibrillation - What to Do When Drugs Fail

### Prevention - Moderated Poster Contributions

#### Session #1173M

##### Obesity Management in 2017: Weighing the Issues

Friday, March 17, 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: Puja K. Mehta  
ACC Poster Moderator: Laurence Sperling

3:45 p.m.  
Digital Health Intervention Usage Improves Weight loss in a Dose-Dependent Fashion  
Robert Jay Widmer, Thomas Allison, Francisco Lopez-Jimenez, Lilach Lerman, Amir Lerman, Mayo Clinic, Rochester, MN, USA

3:55 p.m.  
Question and Answer

4:00 p.m.  
Fitness and the Obesity Paradox in Cardiac Rehabilitation: How Does Weight Loss Factor in?  
Sergey Kachur, Alban De Schutter, Carl Lavie, Michael Morledge, Ross Arena, Richard Milani, John Ochsner Heart and Vascular Institute, Ochsner Clinic Foundation, New Orleans, LA, USA, Ocala Regional Medical Center, Ocala, FL, USA

4:10 p.m.  
Question and Answer

4:15 p.m.  
A Meta Analysis of Cardiovascular Safety of FDA Approved Anti Obesity Drugs  
Karim Abdur Rehman, Muhammad Khan, Arsalan Rehmani, Maryam Tafteeq, Muhammad Adil Sheikh, Kaneez Fatima, Sajjad Gul, Haris Riaz, Cleveland Clinic Foundation, Cleveland, OH, USA



4:25 p.m.  
Question and Answer

### Special - Moderated Poster Contributions

#### Session #1180M

#### FIT Clinical Decision Making: Multimodality Imaging

Friday, March 17, 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: Peter G. Hagan  
ACC Poster Moderator: Howard Martin Julien

3:45 p.m.  
Bridging the Gap: Multimodality Imaging in a 56 Year Old Patient With Sudden Death  
Bianca Ummat, Kaitlin Baron, Marco Mercader, Jonathan Reiner, Brian Choi, Robert Zeman, Andrew Choi, The George Washington University School of Medicine, Washington, DC, USA

3:55 p.m.  
Question and Answer

4:00 p.m.  
Gerbode Defect Leading to a Diagnosis of Endocarditis  
Brian Case, Bryan LeBude, Zuyue Wang, MedStar Georgetown University Hospital/Washington Hospital Center, Heart and Vascular Institute, Washington, DC, USA

4:10 p.m.  
Question and Answer

4:15 p.m.  
Ventricular Septal Dissection With Rupture and Large NeoCavity After Inferior ST Elevation Myocardial Infarction in a Patient With Recent Coronary Artery Bypass Grafts  
Juan Mendieta Hernandez, Mit Patel, Quinn Pack, Amir Lotfi, Leng Jiang, Baystate Medical Center, Springfield, MA, USA

4:25 p.m.  
Question and Answer

### Valvular Heart Disease - Moderated Poster Contributions

#### Session #1172M

#### Valvular Heart Disease With CKD or Cirrhosis

Friday, March 17, 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: Salvatore Costa  
ACC Poster Moderator: Raj R. Makkar

3:45 p.m.  
Trends and Outcomes of Aortic Valve Replacement in Patient With End Stage Renal Disease on Hemodialysis: A 10-Year U.S. Perspective  
Fahad Alqahtani, Sami Aljohani, Ahmed Almustafa, Ashwin Bhirud, Khaled Boobes, Chalak Berzingi, Sameer Raina, Wissam Gharib, Mohamad Alkhouli, West Virginia University Heart and Vascular Institute, Morgantown, WV, USA

3:55 p.m.  
Question and Answer

4:00 p.m.  
Low Utilization of Surgical Intervention to Treat Severe Aortic Stenosis in Patients With Chronic Kidney Disease  
Zainab Samad, Joseph Sivak, Matthew Phelan, Phillip Schulte, Eric Velazquez, Duke University, Durham, NC, USA

4:10 p.m.  
Question and Answer

4:15 p.m.  
Trends and Outcomes of Mitral Valve Replacement in Patients With Hepatic Cirrhosis: Insight From National Inpatient Sample  
Fahad Alqahtani, Vinay Badhwar, Sami Aljohani, Ahmed Almustafa, Mohammad Akram Kawsara, Ali Hama Amin, Lawrence Wei, J. Scott Rankin, Mohamad Alkhouli, West Virginia University Heart and Vascular Institute, Morgantown, WV, USA

4:25 p.m.  
Question and Answer

### Vascular Medicine - Moderated Poster Contributions

#### Session #1179M

#### Optimizing Treatment of Peripheral Artery Disease

Friday, March 17, 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: Umberto Campia

3:45 p.m.  
Nationwide Readmissions Following Lower Extremity Arterial Procedures  
Eric Alexander Secemsky, Kevin Kennedy, Marc Schermerhorn, Bruce Landon, Robert Yeh, Beth Israel Deaconess Medical Center, Boston, MA, USA, Massachusetts General Hospital, Boston, MA, USA

3:55 p.m.  
Question and Answer

4:00 p.m.  
Smoking Behavior and Access to Smoking Cessation Support Following a Diagnosis of Peripheral Arterial Disease: Insights From the International PORTRAIT Registry  
Krishna Patel, Philip Jones, Donna Buchanan, John Spertus, Kim Smolderen, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA

4:10 p.m.  
Question and Answer

4:15 p.m.  
Statin Therapy Is Associated With Increased Amputation Free Survival Among Patients With Critical Limb Ischemia  
Konstantinos Stavroulakis, Matthias Borowski, Giovanni Torsello, Arne Stachmann, Bisdas Theodosios, Department of Vascular Surgery, St. Franziskus Hospital GmbH, Muenster, Germany

4:25 p.m.  
Question and Answer

### Special - Gaming

#### Session #6003

#### Engage @ ACC.17 Studio: Cardiology Contest

Friday, March 17, 2017, 4:15 p.m. - 5:15 p.m.

Engage @ ACC.17 Studio, Hall C

CME Hours: 1 /CNE Hours: 1

Chair: Sunil V. Mankad

#### The Defending Champions: The Heart Throbs

4:15 p.m.  
Cardiology Contestant  
David R. Holmes  
Rochester, MN

4:15 p.m.  
Cardiology Contestant



Linda D. Gillam  
Morristown, NJ

4:15 p.m.  
Cardiology Contestant  
Michael J. Mack  
Plano, TX

4:15 p.m.  
Cardiology Contestant  
Vera H. Rigolin  
Chicago, IL

ACC Past Presidents Team

4:15 p.m.  
Cardiology Contestant  
Ralph G. Brindis  
Oakland, CA

4:15 p.m.  
Cardiology Contestant  
Alfred A. Bove  
Philadelphia, PA

4:15 p.m.  
Cardiology Contestant  
Kim Allan Williams, Sr.  
Chicago, IL

4:15 p.m.  
Cardiology Contestant  
William A. Zoghbi  
Houston, TX

#### Program Directors Team

4:15 p.m.  
Cardiology Contestant  
Kathryn L. Berlacher  
Pittsburgh, PA

4:15 p.m.  
Cardiology Contestant  
Julia H. Indik  
Tucson, AZ

4:15 p.m.  
Cardiology Contestant  
Donna M. Polk  
Boston, MA

4:15 p.m.  
Cardiology Contestant  
Gaby Weissman  
Washington, DC

#### Acute and Stable Ischemic Heart Disease - Scientific Session #639

Recent ACS Trials: Relevance to My Daily Practice  
Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 147 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Elliott Antman  
Co-Chair: Venu Menon  
Panelist: Jay Giri  
Panelist: Hani Jneid  
Panelist: Philippe Steg

4:45 p.m.  
EARLY BAMI: Role of Beta Blockers in STEMI  
Vincent Roolvink  
Zwolle, Netherlands

4:54 p.m.  
Question and Answer

5:03 p.m.  
DANAMI 3 - PRIMULTI: FFR Use in STEMI  
William Fearon  
Stanford, CA

5:12 p.m.  
Question and Answer

5:21 p.m.  
PRAGUE-18: Ticagrelor vs. Prasugrel in STEMI  
Carlo Di Mario  
London, United Kingdom

5:30 p.m.  
Question and Answer

5:39 p.m.  
ANTARCTIC: Platelet Monitoring in ACS  
Laurent Bonello  
Marseille, France

5:48 p.m.  
Question and Answer

**Arrhythmias and Clinical EP - Scientific Session #638**  
**Common Arrhythmia Problems: The Experts Approach**  
Friday, March 17, 2017, 4:45 p.m. - 6 p.m.  
Room 147 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Anne Curtis  
Co-Chair: Kristen Patton  
Panelist: Melvin Scheinman  
Panelist: Kenneth A. Ellenbogen  
Panelist: N. A. Mark Estes, III  
Panelist: Samuel Asirvatham

4:45 p.m.  
Case Presentation  
Nancy Berg  
Prior Lake, MN

4:50 p.m.  
Panel Discussion and Audience ARS

5:03 p.m.  
Case Presentation  
Seth Sheldon  
Kansas City, KS

5:08 p.m.  
Panel Discussion and Audience ARS

5:26 p.m.  
Panel Discussion and Audience ARS

5:39 p.m.  
Case Presentation  
Ammar Killu  
Rochester, MN



5:44 p.m.  
Panel Discussion and Audience ARS

**Congenital Heart Disease - Scientific Session #640**  
**Surgical and Transcatheter Valve Therapy for Congenital Heart Disease**  
Friday, March 17, 2017, 4:45 p.m. - 6 p.m.  
Room 146 C  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Sharon Cheatham  
Co-Chair: Pedro del Nido  
Panelist: Christopher Breuer  
Panelist: John B. Cadigan, III  
Panelist: Jennifer C. Hirsch-Romano  
Panelist: Ignacio Inglessis  
Panelist: Doff McElhinney

4:45 p.m.  
Pre-debate Poll

4:46 p.m.  
Debate: The Ross is the Best Aortic Valve Replacement for Adolescents (Pro)  
Mark Turrentine  
Indianapolis, IN

4:54 p.m.  
Debate: The Ross is the Best Aortic Valve Replacement for Adolescents (Con)  
Jennifer Hirsch-Romano  
Ann Arbor, MI

5:02 p.m.  
Post-debate Poll

5:03 p.m.  
ACC-Talk: Transcatheter Valve Therapy: The Perspective of a Physician as a Father of a Patient  
John B. Cadigan, III  
Medfield, MA

5:15 p.m.  
Question and Answer

5:18 p.m.  
Tissue Engineering Heart Valves for Fetuses  
Christopher Breuer  
Columbus, OH

5:27 p.m.  
Question and Answer

5:30 p.m.  
Update on Transcatheter Valve Therapy for the Native RVOT  
Ignacio Inglessis  
Boston, MA

5:39 p.m.  
Question and Answer

5:42 p.m.  
Hybrid Approach to Pulmonary Valve Replacement  
Diego Porras  
Boston, MA

5:51 p.m.  
Panel Discussion

**Heart Failure and Cardiomyopathies - Scientific Session #641**

**Genetic Testing for Cardiomyopathies**  
Friday, March 17, 2017, 4:45 p.m. - 6 p.m.  
Room 144 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Barry Maron  
Co-Chair: Mary N. Walsh  
Panelist: Ray Hershberger  
Panelist: Martin Maron

4:45 p.m.  
Case Presentation in Familial Dilated Cardiomyopathy  
Michael Givertz  
Boston, MA

4:50 p.m.  
Panel Discussion

4:55 p.m.  
Genetic Testing for Dilated Cardiomyopathy: Is it Ready for Prime-time  
Ray Hershberger  
Columbus, OH

5:05 p.m.  
Case Presentation in Hypertrophic Cardiomyopathy  
Ethan Rowin  
Boston, MA

5:10 p.m.  
Panel Discussion

5:15 p.m.  
Genetic Testing for Hypertrophic Cardiomyopathy: Diagnosis, Phenotype and Prognostic Considerations  
Martin Maron  
Boston, MA

5:25 p.m.  
Case Presentation in Arrhythmogenic Right Ventricular Dysplasia  
Thomas Callahan  
Cleveland, OH

5:30 p.m.  
Panel Discussion

5:35 p.m.  
Implications of Genetic Testing for Arrhythmogenic Right Ventricular Dysplasia  
Harikrishna S. Tandri  
Baltimore, MD

5:45 p.m.  
Incorporating Genetic Testing Into Clinical Practice - The Role of the Genetic Counselor  
Shana Merrill  
Philadelphia, PA

5:50 p.m.  
Panel Discussion



### Heart Failure and Cardiomyopathies - Scientific

#### Session #642

#### Special Hearts: The Challenge of Heart Failure in Congenital Heart Disease

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 146 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Alistair Phillips

Co-Chair: Anne Marie Valente

4:45 p.m.

Managing Heart Failure in ACHD: Do Conventional Therapies Work?

Eric Krieger

4:53 p.m.

Question and Answer

4:57 p.m.

Catheter-based Interventions in ACHD

Barry Love

New York, NY

5:05 p.m.

Question and Answer

5:09 p.m.

SCD Prevention and CRT in ACHD: Do the Guidelines Apply?

Joris de Groot

Amsterdam, Netherlands

5:17 p.m.

Question and Answer

5:21 p.m.

MCS in ACHD: Can We Overcome the Anatomic Barriers?

Joseph Turek

Iowa City, IA

5:29 p.m.

Question and Answer

5:33 p.m.

ACHD and Heart Transplant: Challenges and Opportunities

Michael Landzberg

Boston, MA

5:41 p.m.

Question and Answer

5:45 p.m.

Challenging ACHD Case: What Should I Do?

Jennifer Grando-Ting

San Francisco, CA

5:53 p.m.

Panel Discussion

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

#### Session #1509

#### Personalized Skills Center: Hands-On Simulation - Heart Failure and Valvular Heart Disease

Friday, March 17, 2017, 4:45 p.m. - 5:45 p.m.

Personalized Skills Center, East Salon AB

CME Hours: /CNE Hours:

4:45 p.m.

Heart Failure and Valvular Heart Disease

Matthew W. Martinez

Allentown, PA

### Interventional Cardiology - Live Cases

#### Session #202

#### Interventional Live Case Session III: Structural Transmission from Cleveland Clinic (Cleveland, Ohio)

Friday, March 17, 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

Samir R. Kapadia

Cleveland, OH

Co-Chair: John G. Webb

Co-Chair: Martin B. Leon

Panelist: James M. McCabe

Panelist: Mayra E. Guerrero

Panelist: Francesco Maisano

Panelist: Brian K. Whisenant

Panelist: Helene Eltchaninoff

### Interventional Cardiology - International

#### Session #517

#### New Perspectives on Structural Valve Disease: International Perspectives From the Emirates Cardiac Society, Latin American Society of Interventional Cardiology (SOLACI), and American College of Cardiology

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 145 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Sunil Rao

Co-Chair: Kimberly A. Skelding

4:45 p.m.

Radial Controversies 1: Does Increasing Radial Volume Decrease Femoral Access Proficiency?

Mamas Mamas Kingdom

5:00 p.m.

Radial Controversies 2: Is Testing for Dual Circulation Mandatory Before Radial Artery Access?

Marco Valgimigli

Bern, Switzerland

5:15 p.m.

Case Presentation: Radial CHIP, Retrograde CTO

Khaldoon Alaswad

Detroit, MI

5:20 p.m.

Case Discussion with Question and Answer

5:30 p.m.

Case Presentation: Radial CHIP, Atherectomy

Prashant Kaul

NC

5:35 p.m.

Case Discussion with Question and Answer

5:45 p.m.

Case Presentation: Transpedal Intervention

Tak Kwan

New York, NY

5:50 p.m.

Case Discussion with Question and Answer



### Interventional Cardiology - Scientific

#### Session #646

#### Great Minds Think Differently: Multidisciplinary Approach to Advanced Therapies

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 202 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Jacqueline Gamberdella

Co-Chair: Lauren Morris

Panelist: John Herre

Panelist: Arynah Welji

Panelist: Paul Mahoney

Panelist: Claudia Ford

4:45 p.m.

Case Presentation: HF Management- Options for the Failing Heart

Ajay Srivastava

La Jolla, CA

4:50 p.m.

Case Discussion with Question and Answer

5:00 p.m.

Update on Interventions for Congenital Heart Disease: Emerging Therapies for the Treatment of Pulmonic Stenosis

Patricia Keegan

Atlanta, GA

5:10 p.m.

Keep it Simple: Minimally Invasive Strategies for TAVR

Christopher Meduri

Atlanta, GA

5:20 p.m.

Save Your Noggins: Cerebral Protection Device Overview

Marian Hawkey

New York, NY

5:30 p.m.

Transcatheter Technologies to Manage Tricuspid Regurgitation

Mario Goessl

Minneapolis, MN

5:40 p.m.

One More for the Heart Team: Expanding Your Practice to Include Complete Revascularization in Higher-risk Indicated Patients (CHIP)

Paul Mahoney

Norfolk, VA

5:50 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #647

#### TAVR Changing the Paradigm for the Treatment of Valve Disease

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 206

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: William T. Brinkman

Co-Chair: J. Kevin Harrison

Panelist: Sarah Clarke

Panelist: Philippe Genereux

Panelist: Ganesh Manoharan Kingdom

4:45 p.m.

In the Era of TAVR: Who Is Low-risk for Surgical Aortic Valve Replacement

A. Pieter Kappetein

Rotterdam, Netherlands

4:55 p.m.

We Are Not Ready for TAVR Yet in Low Risk Because There Is No Long-term Data

Bernard J. Gersh

Rochester, MN

5:05 p.m.

Asymptomatic Severe Aortic Stenosis: Should They Be Offered TAVR?

Philippe Genereux

New York, NY

5:15 p.m.

Moderate Aortic Stenosis and Heart Failure: Should They Be Offered TAVR?

Nicolas M. Van Mieghem

Rotterdam, Netherlands

5:25 p.m.

TAVR in Those with a Low Ejection Fraction

Howard C. Herrmann

Philadelphia, PA

5:35 p.m.

Update of the ACC AUC for Aortic Stenosis

Robert O. Bonow

Chicago, IL

5:45 p.m.

Panel Discussion with Question and Answer

### Interventional Cardiology - Scientific

#### Session #648

#### Chronic Total Occlusion PCI: A Case-Based Review of Contemporary Techniques

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 207 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Dimitrios Karpaliotis

Co-Chair: William L. Lombardi

4:45 p.m.

Case Presentation: Antegrade Wire Escalation Step-by-step

Farouc A. Jaffer

4:50 p.m.

Case Discussion with Question and Answer

5:00 p.m.

Case Presentation: Antegrade Dissection/Re-entry Step-by-step

M. Nicholas Burke

Minneapolis, MN

5:05 p.m.

Case Discussion with Question and Answer

5:15 p.m.

Case Presentation: Retrograde Case Through Septal Collateral Step-by-step

Ashish Pershad

Phoenix, AZ

5:20 p.m.

Case Discussion with Question and Answer

5:30 p.m.

Case Presentation: Radial CTO

Stéphane Rinfret

Montréal, Canada

5:35 p.m.

Case Discussion with Question and Answer



5:45 p.m.  
Case Presentation: Hybrid CTO  
William L. Lombardi  
Bellingham, WA

5:50 p.m.  
Case Discussion with Question and Answer

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

**Session #643**

**State of the Art Nuclear Cardiology: SPECT Myocardial Perfusion Imaging**

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 140 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Randall Thompson  
Co-Chair: Joao Vitola

4:45 p.m.  
Myocardial Perfusion Imaging: The Value Proposition  
Rory Hachamovitch

4:54 p.m.  
Appropriate Use: Right Patient, Right Time  
Robert Hendel  
Coconut Grove, FL

5:03 p.m.  
Supervising the Stress Test  
Nancy Coats  
Mission Viejo, CA

5:12 p.m.  
Image Acquisition and Processing: Novel Hardware and Software Applications  
April Mann  
Hartford, CT

5:21 p.m.  
Image Interpretation: Rapid Fire Case Review  
Ronald Schwartz  
Rochester, NY

5:30 p.m.  
Structured Reporting: Read it Then Report it Right  
Peter Tilkemeier  
Greenville, SC

5:39 p.m.  
Risk Stratification and Prognosis: Evidence and Outcomes  
Leslee Shaw  
Atlanta, GA

5:48 p.m.  
Question and Answer

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

**Session #644**

**Echocardiographic Assessment of LV Diastolic Function -- The New ASE/EACVI Guidelines -- 2016 Update: Joint Symposium of the American Society of Echocardiography and the American College of Cardiology**

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 143 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Otto A. Smiseth  
Co-Chair: Allan L. Klein

4:45 p.m.  
Update of the 2016 Guidelines: What's New, What Remains the Same?  
Sherif F. Nagueh  
Houston, TX

4:57 p.m.  
Diastolic Dysfunction: A Separate Clinical Entity?  
Frank A. Flachskampf  
Uppsala, Sweden

5:09 p.m.  
Diastolic Assessment in Specific Entities: Atrial Fibrillation, Hypertrophic Cardiomyopathy and Restrictive Disease  
Jae K. Oh  
Rochester, MN

5:18 p.m.  
Case presentations: Estimation of Filling Pressures in the Dyspneic Patient  
Patricia A. Pellikka  
Rochester, MN

5:30 p.m.  
Dyspnea and Ascites After Coronary Bypass Surgery: Constriction, Restriction, or Both?  
Allan Klein  
Cleveland, OH

5:42 p.m.  
Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Core Curriculum**

**Session #805**

**Core Curriculum: Imaging the Heart: Choosing Wisely**

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 151 A

CME Hours: 1.25 /CNE Hours: 1.25

Chair: Alex J. Auseon

4:45 p.m.  
Cases of Cardiac Mass Assessment: Fundamentals of Echo and MRI  
Sangeeta B. Shah  
New Orleans, LA

5:05 p.m.  
Assessing Ischemia: Does Gender Matter  
C. Noel Bairey Merz  
Los Angeles, CA

5:25 p.m.  
Anatomical and Functional Assessment with CTA: Are Diagnostic Caths a Way of the Past?  
Daniel Berman  
Los Angeles, CA



5:45 p.m.  
Question and Answer

### Prevention - International Session #516

**Imaging in Prevention: International Perspectives From the Canadian Cardiovascular Society, Cardiac Society of Australia and New Zealand, and American College of Cardiology**  
Friday, March 17, 2017, 4:45 p.m. - 6 p.m.  
Room 145 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Rick A. Nishimura  
Co-Chair: Craig Alpert  
Panelist: Biykem Bozkurt  
Panelist: Julie Damp  
Panelist: Ada Stefanescu

4:45 p.m.  
Introduction and Session Overview  
Eric S. Williams  
Indianapolis, IN

4:50 p.m.  
Simulation: Small Group Case Conference  
Rick A. Nishimura  
Rochester, MN

4:50 p.m.  
Simulation: Small Group Case Conference  
Eric S. Williams  
Indianapolis, IN

5:00 p.m.  
Panel Discussion of the Simulated Case Conference Process

5:10 p.m.  
Simulation: Patient Encounter (Physician)  
Julie Damp  
Nashville, TN

5:10 p.m.  
Simulation: Patient Encounter (Patient)  
Rick A. Nishimura  
Rochester, MN

5:20 p.m.  
Panel Discussion: Patient-Centered Teaching

5:30 p.m.  
360 Degree Feedback Session (Attending)  
Biykem Bozkurt  
Houston, TX

5:30 p.m.  
360 Degree Feedback Session (Trainee)  
Ada Stefanescu  
Boston, MA

5:40 p.m.  
Characteristics of Effective Feedback  
Marcia J. Jackson  
Santee, SC

5:50 p.m.  
Intensive Summary  
Craig Alpert  
Ann Arbor, MI

5:50 p.m.  
Intensive Summary  
Rick A. Nishimura  
Rochester, MN

### Special - Symposium Session #105

**PPIs in the Era of Prolonged DAPT – Should We or Shouldn't We?: Pharmacology III**  
Friday, March 17, 2017, 4:45 p.m. - 6 p.m.  
Room 146 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Rhonda Cooper-DeHoff  
Co-Chair: Glenn A. Hirsch  
Panelist: Muthiah Vaduganathan  
Panelist: Giora Weisz  
Panelist: Jose C. Nicolau

4:45 p.m.  
Debate: Pro - PPIs Should be Prescribed in All Patients with Prolonged DAPT - the Data Speak for Themselves  
Danielle Blais  
Columbus, OH

5:15 p.m.  
Debate Con: Not So Fast - PPIs and DAPT Should Not Always Be Co-Prescribed  
Craig Beavers  
Nashville, TN

5:45 p.m.  
Panel Discussion

### Special - Oral Contributions Session #900

**FIT Forum: Stump the Professor**  
Friday, March 17, 2017, 4:45 p.m. - 6 p.m.  
Room 150 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Akhil Narang  
Co-Chair: Shashank S. Sinha

4:45 p.m.  
Stump the Professor Judge  
Thomas Bashore

4:45 p.m.  
Stump the Professor Judge  
Patrick T. O'Gara  
Boston, MA

4:45 p.m.  
Stump the Professor Judge  
Carole A. Warnes  
Rochester, MN

4:45 p.m.  
Persistence Pays Off: A Rare Case of Platypnea-Orthodeoxia Syndrome Due to a Patent Foramen Ovale  
Jessica Weiss, Divya Ratan Verma, Samir Sultan, Ashish Pershad, Rajeev Saggarr, Banner University Medical Center Phoenix, Phoenix, AZ, USA

5:00 p.m.  
Question and Answer

5:10 p.m.  
First Case on Biventricular Mechanical Circulatory Support With Impella CP and Impella RP for a Patient With Acute Myocardial Infarction Induced Cardiogenic Shock



Xiangke Huang, Rehan Kahloon, Charles Campbell, Alison Bailey, Harish Manyam, University of Tennessee College of Medicine Chattanooga, Chattanooga, TN, USA, Erlanger Health System, Chattanooga, TN, USA

5:25 p.m.  
Question and Answer

5:35 p.m.  
Use of <sup>18</sup>F-Fluorodeoxyglucose (FDG) Positron Emission Tomography/Computed Tomography (PET/CT) for Diagnosing Prosthetic Valve Perivalvular Abscess  
Brittany Weber, Patrycja Galazka, Matthew Steinhauer, Sharmila Dorbala, Brigham and Women's Hospital, Boston, MA, USA

5:50 p.m.  
Question and Answer

**Valvular Heart Disease - Scientific**  
**Session #649**  
**The Spectrum of Aortic Regurgitation and Aortic Pathology**  
Friday, March 17, 2017, 4:45 p.m. - 6 p.m.  
Room 204 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Alan Braverman  
Co-Chair: Jeffrey Borer

4:45 p.m.  
Review of Guidelines: When to Intervene on Aortic Regurgitation  
Jeffrey Borer

4:55 p.m.  
Case: Acute Severe AR  
Muhammed Saric  
New York, NY

5:05 p.m.  
Acute vs Chronic Aortic Regurgitation: Is There a Difference in Diagnosis?  
Osama Soliman  
Rotterdam, Netherlands

5:15 p.m.  
Question and Answer

5:25 p.m.  
Syndromic and Inflammatory Aortopathies  
Richard B. Devereux  
New York, NY

5:30 p.m.  
Case: Bicuspid Aortic Regurgitation  
Hector Michelena  
Rochester, MN

5:35 p.m.  
Bicuspid Aortic Valve and Aortopathy  
Joseph Bavaria  
Philadelphia, PA

5:40 p.m.  
Case: Tearing Chest Pain Radiating to the Back  
Jennifer K. Jantz  
New York, NY

5:45 p.m.  
Acute Aortic Syndromes: Update in Management  
Anthony Caffarelli  
Newport Beach, CA

5:50 p.m.  
Question and Answer

**Vascular Medicine - Scientific**  
**Session #650**  
**Vascular Diagnoses Cardiologists Should not Miss: A Case-based Approach**  
Friday, March 17, 2017, 4:45 p.m. - 6 p.m.  
Room 209 C  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Jeffrey Olin  
Co-Chair: Gregory Piazza

4:45 p.m.  
Case Presentation: Patient with Hypertension and Absent Pulse  
Naomi Hamburg

4:55 p.m.  
Case Presentation: Young Woman with Myocardial Infarction  
Jeffrey W. Olin  
New York, NY

5:05 p.m.  
Case Presentation: Young Woman with Stroke and Pulsatile Tinnitus  
Aditya M. Sharma  
Charlottesville, VA

5:15 p.m.  
Case Presentation: Baseball Player with Upper Extremity DVT  
Robert Schainfeld  
Waltham, MA

5:25 p.m.  
Case Presentation: Young Patient with Multivessel Dissection and Aneurysms  
Heather Gornik  
Cleveland, OH

5:35 p.m.  
Thrombotic Coronary Occlusion: Not Always Plaque Rupture  
James Froehlich  
Ann Arbor, MI

5:50 p.m.  
Question and Answer

**Special - Oral Contributions**  
**Session #913**  
**Young Investigator Awards Competition: Basic and Translational Science**  
Friday, March 17, 2017, 5 p.m. - 6:30 p.m.  
Vascular Medicine Moderated Poster Theater, Poster Hall, Hall C  
CME Hours: 1.5 /CNE Hours: 1.5

Judge  
Hani N. Sabbah  
Detroit, MI

5:00 p.m.  
LVAD-Associated von Willebrand Factor Degradation Fragments Alter Angiogenesis: A Mechanistic Link Between LVAD Support, Gastrointestinal Angiodysplasia, and Bleeding?  
Carlo R. Bartoli, David Zhang, Jooeun Kang, David Restle, Pawel Kwiatkowski, christian bermudez, Michael Acker, Pavan Atluri, Patrick McConnell, University of Pennsylvania, Philadelphia, PA, USA

5:15 p.m.  
Impact of Damaging de Novo Variants on Clinical Outcomes in Congenital Heart Disease



Matthew J. Lewis, Hongjian Qi, Alexander Hsieh, Marlon Rosenbaum, Yufeng Shen, Wendy Chung, Columbia University, New York, NY, USA

5:30 p.m.

NPA7, A First In Class Dual Receptor Activator with Cardio-Renoprotective Properties *In Vivo*

Laura Meems, Ingrid Andersen, Brenda Huntley, Gail Harty, Yang Chen, Denise Heublein, Seethalakshmi (Seetha) Iyer, Shuchong Pan, Dan McCormick, Tomoko Ichiki, John Burnett, Mayo Clinic, Rochester, MN, USA

5:45 p.m.

Rbmp9

Kevin Morine, Qiao Xiaoying, Vikram Paruchuri, Yali Zhang, Mark Aronovitz, Richard Karas, Navin K. Kapur, Tufts Medical Center, Boston, MA, USA, Molecular Cardiology Research Institute, Boston, MA, USA

6:00 p.m.

Cell-Specific Discrimination of Desmosterol and Desmosterol Mimetics Confers Selective Regulation of LXR and SREBP Pathways in Macrophages  
Evan Muse, Shan Yu, Chantle Edillor, Jenhan Tao, Nathan Spann, Katherine Ozeki, Jeffrey McDonald, John Bahadorani, Sotirios Tsimikas, Andrew Watt, Lisa Hettrick, Tamar Grossman, Matthew Tremblay, Christopher Glass, University of California San Diego, La Jolla, CA, USA, Scripps Translational Science Institute, La Jolla, CA, USA

6:15 p.m.

IL-4/IL-13 Signalling Modulates the Inflammatory Response in the Infarcted Adult Mouse Heart to Enhance Cardiac Repair and Remodelling  
Iqbal Toor, Dominik Ruckerl, Adrian Thomson, Adriano Rossi, Judi Allen, Gillian Gray, University of Edinburgh, Edinburgh, United Kingdom

### Special - Oral Contributions

#### Session #914

#### Young Investigator Awards Competition: Clinical Investigations

Friday, March 17, 2017, 5 p.m. - 6:30 p.m.

Acute and Stable Ischemic Heart Disease Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 1.5 /CNE Hours: 1.5

Chair: Christopher R. DeFilippi

5:00 p.m.

Judge

James L. Januzzi  
Wellesley, MA

5:00 p.m.

Judge

Michelle L. O'Donoghue  
Boston, MA

5:00 p.m.

Advanced Analytics Predicted Outcomes, Identified Clinically Distinct Subgroups, and Detected Heterogeneity in Response to Therapy in a Cohort of More Than 40,000 Heart Failure Patients

Tarig Ahmad, Pooja Rao, Lars Lund, Prashant Warriar, Ghosh Rohit, Nihar Desai, Yale University School of Medicine, New Haven, CT, USA

5:15 p.m.

Feasibility of a Smartphone-Delivered Cardiac Rehabilitation Program Amongst Veterans

Arash Harzand, Bradley Witbrodt, Michelle Davis-Watts, Alaeddin Alrohaibani, Amit Shah, A. Maziar Zafari, Atlanta VA Medical Center, Atlanta, GA, USA, Emory University School of Medicine, Atlanta, GA, USA

5:30 p.m.

Genetic Risk, Adherence to a Healthy Lifestyle, and Risk of Coronary Artery Disease

Amit V. Khera, Connor A. Emdin, Isabel Drake, Pradeep Natarajan, Alexander Bick, Nancy Cook, Daniel Chasman, Usman Baber, Roxana Mehran, Daniel

Rader, Valentin Fuster, Eric Boerwinkle, Melander Olle, Marju Orho-Melander, Paul Ridker, Sekar Kathiresan, Massachusetts General Hospital, Boston, MA, USA

5:45 p.m.

Scanning the Phenome to Uncover Pleiotropic Effects of *PCSK9*

Maya Safarova, Erin Austin, Mariza de Andrade, Lisa Bastarache, Zhan Ye, Neil Zheng, Daniel Schaid, Marc Williams, Marylyn Ritchie, Kenneth Borthwick, Eric Larson, Aaron Scrol, Gail Jarvik, Teri Manolio, Scott Hebbing, Joshua Denny, Iftikhar Kullo, Mayo Clinic, Rochester, MN, USA

6:00 p.m.

Impaired Coronary Flow Reserve is Associated with Diastolic Dysfunction and HFpEF Outcomes in Patients without Overt CAD

Vivian R. Taqueti, John Groarke, Michael Osborne, Amil Shah, Venkatesh Murthy, Jon Hainer, Courtney Foster, Ron Blankstein, Sharmila Dorbala, Marcelo F. Di Carli, Brigham and Women's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA

6:15 p.m.

Integrated Analysis of the Clinical Manifestations and Phenotypic Drivers of Titin Cardiomyopathy

Upasana Taya, Rachel Buchan, Nicky Whiffin, Simon Newsome, Roddy Walsh, Paul Barton, James Ware, Sanjay Prasad, Stuart Cook, Imperial College, London, United Kingdom, Royal Brompton Hospital, London, United Kingdom

### Special - Oral Contributions

#### Session #915

#### Young Investigator Awards Competition: Outcomes Research

Friday, March 17, 2017, 5 p.m. - 6:30 p.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 1.5 /CNE Hours: 1.5

Chair: Brahmajee K. Nallamothu

5:00 p.m.

Judge

Larry A. Allen  
Aurora, CO

5:00 p.m.

Judge

David J. Cohen  
Kansas City, MO

5:00 p.m.

Cost Effectiveness of Continuous Flow Left Ventricular Assist Devices for Destination Therapy in End Stage Heart Failure Patients Ineligible for Cardiac Transplantation

Derek Chew, Braden Manns, Robert Miller, Nakul Sharma, Derek V. Exner, Libin Cardiovascular Institute of Alberta, Calgary, Canada, University of Calgary, Calgary, Canada

5:15 p.m.

A Hospital Level Analysis of 30-Day Readmission Rates for Heart Failure Patients and Long-Term Survival Among Highest and Lowest Performing Hospitals, Findings from Get With The Guidelines-Heart Failure

Sawan Jalnapurkar, Xin Zhao, Paul Heidenreich, Deepak Bhatt, Eric Smith, Adam DeVore, Adrian Hernandez, Roland Matsouaka, Clyde Yancy, Gregg Fonarow, Duke Clinical Research Institute, Durham, NC, USA, Cedars Sinai Medical Center, Los Angeles, CA, USA

5:30 p.m.

Comparison of a Pharmacist-Physician Collaborative Care Model to Standard Care on the Time to Reach Goal Blood Pressure for Patients with Hypertension



Eric D. Parod, Dave L. Dixon, Evan M. Sisson, Benjamin Van Tassell, Prमित Nadpara, Daniel Carl, Alan Dow, Virginia Commonwealth University School of Pharmacy, Richmond, VA, USA, Virginia Commonwealth University Health System, Richmond, VA, USA

5:45 p.m.  
A Bundled Intervention Including Early Consultation with a Cardiologist in the Emergency Department to Reduce Re-hospitalizations and Healthcare Cost for High-Risk Urban Patients with Acute Decompensated Heart Failure  
Corey Tabit, Mitchell Coplan, Kirk Spencer, Rupa Mehta, James Liao, The University of Chicago, Chicago, IL, USA

6:00 p.m.  
A Comparison of Kidney Function Decline in Atrial Fibrillation Patients Treated With Non-Vitamin K Antagonist Oral Anticoagulants or Warfarin  
Xiaoxi Yao, Navdeep Tangri, Lindsey Sangaralingham, Nilay Shah, Peter Noseworthy, Mayo Clinic, Rochester, MN, USA

6:15 p.m.  
Racial Differences in Quality of Care and Outcomes After Acute Coronary Syndrome  
Celina M. Yong, Leo Ungar, Freddy Abnousi, Kirsten Bibbins-Domingo, Sara Knight, Steven Asch, Paul Heidenreich, Stanford University Medical Center, Stanford, CA, USA, Palo Alto VA Hospital, Palo Alto, CA, USA

#### Special - Oral Contributions

##### Session #916

##### ACC Research Awards

Friday, March 17, 2017, 5 p.m. - 6:30 p.m.

Non Invasive Imaging Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 1.5 /CNE Hours: 1.5

5:00 p.m.  
Moderator  
Joseph A. Hill  
Dallas, TX

5:00 p.m.  
Moderator  
Nancy K. Sweitzer  
Tuscon, AZ

#### Heart Failure and Cardiomyopathies - Clinical Focus

##### Session #1600

##### The Great K Debate Continues: Updates and Controversies in Heart Failure Management

Friday, March 17, 2017, 6 p.m. - 8:30 p.m.

Ballroom A

CME Hours: /CNE Hours:

6:00 p.m.  
Dinner

Chair: Alison Bailey

6:30 p.m.  
Introduction to Session and ARS Technology: CME Done Differently  
Alison Bailey  
Chattanooga, TN

6:40 p.m.  
Review the Current Landscape  
Peter A. McCullough  
Dallas, TX

7:10 p.m.  
Understanding Side-effect Management  
Bertram Pitt  
Ann Arbor, MI

7:25 p.m.  
Understanding Side-effect Management  
Navin Rajagopalan  
Lexington, KY

7:40 p.m.  
Case Challenges: Caring for the Hyper K Patient - from Drugs to Dialysis  
Hector O. Ventura  
New Orleans, LA

8:00 p.m.  
Case Challenges: Caring for the Hyper K Patient - from Drugs to Dialysis  
Sean Patrick Pinney  
New York, NY

8:25 p.m.  
Concluding Remarks  
Alison Bailey  
Chattanooga, TN

#### Special - Clinical Focus

##### Session #1601

##### Healthcare Innovation for Your Practice: Focus on Personalized Digital Health

Friday, March 17, 2017, 6 p.m. - 8:30 p.m.

Ballroom B

CME Hours: /CNE Hours:

6:00 p.m.  
Dinner

Co-Chair: Regina S. Druz  
Co-Chair: Maulik Majmudar

6:30 p.m.  
Opening Remarks  
John S. Rumsfeld

6:35 p.m.  
Digital Health: Where Are We Now and What Does the Future Hold?  
Kapil Parakh  
Baltimore, MD

6:55 p.m.  
Conversations with the Ultimate Disruptors  
Zubin Eapen  
Durham, NC

7:20 p.m.  
Deploying Digital Health Technology in Your Practice  
Sanjeev Bhavnani  
La Jolla, CA

7:30 p.m.  
Deploying Digital Health Technology in Your Practice  
Maulik Majmudar  
SOMERVILLE, MA

7:40 p.m.  
Panel Discussion: Driving Clinical Adoption of Digital Health Solutions

8:25 p.m.  
Closing Remarks  
Regina S. Druz  
Mineola, NY



## Prevention - Clinical Focus

### Session #1602

#### **Recent Trends in Combination Therapy: Managing Cholesterol Even in the Most Resistant**

Friday, March 17, 2017, 6 p.m. - 8:30 p.m.

Ballroom C

CME Hours: /CNE Hours:

6:00 p.m.

Dinner

Chair: Pamela B. Morris

6:30 p.m.

Introduction to Session and ARS Technology: CME Done Differently

Pamela B. Morris

Charleston, SC

6:40 p.m.

The Clinician's Conundrum

Christie M. Ballantyne

Houston, TX

6:50 p.m.

The Patient's Predicament

Salim S. Virani

Houston, TX

7:10 p.m.

Systems of Care Stumbling Blocks

Carl E. Orringer

Cleveland, OH

7:47 p.m.

Systems of Care Stumbling Blocks

Kim K. Birtcher

Houston, TX

8:25 p.m.

Closing Remarks

Pamela B. Morris

Charleston, SC

## Non-Certified Industry Events

### Session #4501

#### **Challenges in Prescribing PCSK9 Inhibitors: Survey Data Revealed**

Friday, March 17, 2017, 6:30 p.m. - 8 p.m.

Marriott Marquis, Ballroom Salon 5

CME Hours: /CNE Hours:

6:30 p.m.

Challenges in Prescribing PCSK9 Inhibitors: Survey Data Revealed

Jerome D. Cohen

St. Louis, MO

6:30 p.m.

Challenges in Prescribing PCSK9 Inhibitors: Survey Data Revealed

Dean Karalis

Philadelphia, PA

6:30 p.m.

Challenges in Prescribing PCSK9 Inhibitors: Survey Data Revealed

Alan S. Brown

Park Ridge, IL